

No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Agarwal, A., Mthembu, L.	Modelling and FE Simulation of HVC Using Multi Objective Response Surface Optimization Techniques	heavy vehicle chassis (HVC), automobile, stress, deformation, Al6092/SiC/17.5p MMC	31, 6, 307-315	https://doi.org/10.18280/rema.310601	Agarwal, A., Mthembu, L. (2021). Modelling and FE simulation of HVC using multi objective response surface optimization techniques. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 307-315. https://doi.org/10.18280/rema.310601
2	Berkouk, A., Meghezzi, A., Chelali, H., Soltani, M.T.	Mechanical, Morphological, Thermal and Dynamic Study of Composites of Unsaturated Polyesters-Date Palm Leaf Fiber DPLF	unsaturated polyester, date palm fiber, mechanical analysis, thermal analysis, morphological analysis, dynamic study	31, 6, 317-323	https://doi.org/10.18280/rema.310602	Berkouk, A., Meghezzi, A., Chelali, H., Soltani, M.T. (2021). Mechanical, morphological, thermal and dynamic study of composites of unsaturated polyester-date palm leaf fiber DPLF. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 317-323. https://doi.org/10.18280/rema.310602
3	Olewi, J.K., Mohammed, R.A.	Comparison of the Wear Behavior and Hardness of Vinyl Ester Resin Reinforced by Glass Fiber and Nano ZrO2 and Fe3O4	wear test, vinyl ester resin, nanoparticles, T	31, 6, 325-333	https://doi.org/10.18280/rema.310603	Olewi, J.K., Mohammed, R.A. (2021). Comparison of the wear behavior and hardness of vinyl ester resin reinforced by glass fiber and nano ZrO2 and Fe3O4. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 325-333. https://doi.org/10.18280/rema.310603
4	Younsi, A.M., Gacem, L., Soltani, M.T.	Lattice Parameters, Electronic, and Magnetic Properties of Cubic Perovskite Oxides ARuO3 (A= Sr, Rb): A First-Principles Study	ab initio calculations, density-functional theory, cubic perovskites, ferromagnetic ground state, RbRuO3	31, 6, 335-340	https://doi.org/10.18280/rema.310604	Younsi, A.M., Gacem, L., Soltani, M.T. (2021). Lattice parameters, electronic, and magnetic properties of cubic perovskite oxides ARuO3 (A= Sr, Rb): A first principles study. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 335-340. https://doi.org/10.18280/rema.310604
5	Karash, E.T., Sediqer, T.A.A., Kassim, M.T.E.	A Comparison Between a Solid Block Made of Concrete and Others Made of Different Composite Materials	solid block, composite material, concrete, fiber glass, carbon fiber, finite element	31, 6, 341-347	https://doi.org/10.18280/rema.310605	Karash, E.T., Sediqer, T.A.A., Kassim, M.T.E. (2021). A comparison between a solid block made of concrete and others made of different composite materials. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 341-347. https://doi.org/10.18280/rema.310605
6	Abima, C.S., Akinlabi, S.A., Madushele, N., Akinlabi, E.T.	Process Parameters Optimization for GMA Welding of AISI 1008 Steel Joints for Optimal Tensile Strength	ANOVA, current, GMAW, gas flow rate, Taguchi, tensile strength, optimization, voltage	31, 6, 349-354	https://doi.org/10.18280/rema.310606	Abima, C.S., Akinlabi, S.A., Madushele, N., Akinlabi, E.T. (2021). Process parameters optimization for GMA welding of AISI 1008 steel joints for optimal tensile strength. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 6, pp. 349-354. https://doi.org/10.18280/rema.310606
7	Omoniyi, P.O., Mahamood, R.M., Jen, T.C., Akinlabi, E.T.	An Overview of TIG Welding of Ti6Al4V: Recent Developments	microstructure, optimization, welding, TiG, titanium alloys	31, 5, 265-274	https://doi.org/10.18280/rema.310501	Omoniyi, P.O., Mahamood, R.M., Jen, T.C., Akinlabi, E.T. (2021). An overview of TIG welding of Ti6Al4V: Recent developments. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 265-274. https://doi.org/10.18280/rema.310501
8	Bikoko, T.G.L.J.	A Cameroonian Study on Mixing Concrete with Wood Ashes: Effects of 0-30% Wood Ashes as a Substitute of Cement on the Strength of Concretes	avocado ash, eucalyptus ash, cement, compressive strength, concrete	31, 5, 275-282	https://doi.org/10.18280/rema.310502	Bikoko, T.G.L.J. (2021). A Cameroonian study on mixing concrete with wood ashes: Effects of 0-30% wood ashes as a substitute of cement on the strength of concretes. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 275-282. https://doi.org/10.18280/rema.310502
9	Huang, C.S., Gao, D.Y., You, P.B.	Viscoelastic Mechanical Model of Asphalt Concrete Considering the Influence of Characteristic Parameter of Fiber Content	fiber-reinforced asphalt concrete, viscoelastic performance, bending creep test, characteristic parameter of fiber content (FCCP)	31, 5, 283-290	https://doi.org/10.18280/rema.310503	Huang, C.S., Gao, D.Y., You, P.B. (2021). Viscoelastic mechanical model of asphalt concrete considering the influence of characteristic parameter of fiber content. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 283-290. https://doi.org/10.18280/rema.310503
10	Mohammed, K.A., Mansi, A.I., Hussein, Y.R.	Performance Evaluation of Asphalt Binder Modified by Natural Rock Asphalt	natural rock asphalt, modified asphalt, performance, flash point, improvement	31, 5, 291-295	https://doi.org/10.18280/rema.310504	Mohammed, K.A., Mansi, A.I., Hussein, Y.R. (2021). Performance evaluation of asphalt binder modified by natural rock asphalt. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 291-295. https://doi.org/10.18280/rema.310504
11	Babty, F., Hachim, A., Mourabit, M., Mordane, S., Bettachy, A., El Assyry, A., Derouiche, A.	Study of the Swelling of a Composite Based on Argan Nut, Urea-Formaldehyde and Water as a Non-Polluting Solvent	Argania spinosa, biomaterials, shells, swell	31, 5, 297-300	https://doi.org/10.18280/rema.310505	Babty, F., Hachim, A., Mourabit, M., Mordane, S., Bettachy, A., El Assyry, A., Derouiche, A. (2021). Study of the swelling of a composite based on argan nut, urea-formaldehyde and water as a non-polluting solvent. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 297-300. https://doi.org/10.18280/rema.310505
12	Ibeabuchi, V.T., Ibearghulem, M.O., Njoku, K.O., Ibearghulem, E.O., Okorie, P.O.	A Contribution to Analytical Solutions for Buckling Analysis of Axially Compressed Rectangular Stiffened Panels	analytical approach, buckling, Ritz method, stiffened panels, exact deflection function	31, 5, 301-306	https://doi.org/10.18280/rema.310506	Ibeabuchi, V.T., Ibearghulem, M.O., Njoku, K.O., Ibearghulem, E.O., Okorie, P.O. (2021). A contribution to analytical solutions for buckling analysis of axially compressed rectangular stiffened panels. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 5, pp. 301-306. https://doi.org/10.18280/rema.310506
13	Brahimi, A., Bourouba, N., Jiménez, J.P.M., Bouzit, N.	A High Frequency Dielectric Behavior Modeling of a ReXTM02 Ternary Composite as an Equivalent Binary Mixture	mixture's laws, modeling, shape factor, ternary, binary	31, 4, 181-191	https://doi.org/10.18280/rema.310401	Brahimi, A., Bourouba, N., Jiménez, J.P.M., Bouzit, N. (2021). A high frequency dielectric behavior modeling of a ReXTM02 ternary composite as an equivalent binary mixture. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 181-191. https://doi.org/10.18280/rema.310401
14	Djemai, H., Labeled, A., Hecini, M., Djoudi, T.	Delamination Analysis of Composite Sandwich Plate of Cork Agglomerate/Glass Fiber-Polyester: An Experimental Investigation	glass-polyester, cork agglomerate, sandwich, chip morphology, desirability function analysis	31, 4, 193-197	https://doi.org/10.18280/rema.310402	Djemai, H., Labeled, A., Hecini, M., Djoudi, T. (2021). Delamination analysis of composite sandwich plate of cork agglomerate/glass fiber-polyester: An experimental investigation. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 193-197. https://doi.org/10.18280/rema.310402
15	Chen, G., Zong, L., Zuo, Y., Pan, J.J., Cai, X.J., Wu, F., Hou, D.D., Wang, Y.	Using Novel Grey Relational Quantitative Model to Evaluate Magnetron Sputtering Technological Parameters	magnetron sputtering, titanium dioxide coating, transmittance, thickness, improved grey relational quantitative model	31, 4, 199-205	https://doi.org/10.18280/rema.310403	Chen, G., Zong, L., Zuo, Y., Pan, J.J., Cai, X.J., Wu, F., Hou, D.D., Wang, Y. (2021). Using novel grey relational quantitative model to evaluate magnetron sputtering technological parameters. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 199-205. https://doi.org/10.18280/rema.310403
16	Ononiwu, N.H., Ozoegwu, C.G., Madushele, N., Akinlabi, E.T.	Machinability Studies and Optimization of AA 6082/Fly Ash/Carbonized Eggshell Matrix Composite	aluminium matrix composites, machinability, MRR, cutting temperature, BUE, chip morphology, desirability function analysis	31, 4, 207-216	https://doi.org/10.18280/rema.310404	Ononiwu, N.H., Ozoegwu, C.G., Madushele, N., Akinlabi, E.T. (2021). Machinability studies and optimization of AA 6082/fly ash/carbonized eggshell matrix composite. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 207-216. https://doi.org/10.18280/rema.310404
17	Neehmni, Sarathi, R., Suematsu, H., Tanaka, T.	Influence of Nanofiller Dispersion on Electrical and Mechanical Properties of Epoxy Alumina Nanocomposites	alumina, nanoparticles, fluorescence fiber technique, CIV, interphase, agglomeration, Young's modulus	31, 4, 217-225	https://doi.org/10.18280/rema.310405	Neehmni, Sarathi, R., Suematsu, H., Tanaka, T. (2021). Influence of nanofiller dispersion on electrical and mechanical properties of epoxy alumina nanocomposites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 217-225. https://doi.org/10.18280/rema.310405
18	Liang, W.	Durability of Road and Bridge Concrete and Spray-Coating Waterproof Material	road and bridge, concrete, waterproof material, durability	31, 4, 227-235	https://doi.org/10.18280/rema.310406	Liang, W. (2021). Durability of road and bridge concrete and spray-coating waterproof material. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 227-235. https://doi.org/10.18280/rema.310406

19	Bakir, N.	Experimental Study of the Effect of Curing Mode on Concreting in Hot Weather	hot weather concreting, cementitious matrix, temperature, humidity, hot climate, cure mode, durability	31, 4, 243-248	https://doi.org/10.18280/rma.310408	Bakir, N. (2021). Experimental study of the effect of curing mode on concreting in hot weather. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 243-248. https://doi.org/10.18280/rma.310408
20	Zhang, Z.Q., Yang, C.S., Cheng, H., Huang, X.H., Zhu, Y.H.	The Electromagnetic Wave Absorption Performance and Mechanical Properties of Cement-Based Composite Material Mixed with Functional Aggregates with High Fe ₂ O ₃ and SiC	cement-based electromagnetic wave absorbing material, wave absorbing agent, mechanical properties	31, 4, 249-255	https://doi.org/10.18280/rma.310409	Zhang, Z.Q., Yang, C.S., Cheng, H., Huang, X.H., Zhu, Y.H. (2021). The electromagnetic wave absorption performance and mechanical properties of cement-based composite material mixed with functional aggregates with high Fe ₂ O ₃ and SiC. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 249-255. https://doi.org/10.18280/rma.310409
21	Talla, H.K., Olewi, J.K., Hassan, A.K.F.	Performance of Athletic Prosthetic Feet Made of Various Composite Materials with PMMA Matrix: Numerical and Theoretical Study	athletic prosthetic, UHMWPE, PMMA, stored energy, carbon fiber, glass fiber	31, 4, 257-264	https://doi.org/10.18280/rma.310410	Talla, H.K., Olewi, J.K., Hassan, A.K.F. (2021). Performance of athletic prosthetic feet made of various composite materials with PMMA matrix: Numerical and theoretical study. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 4, pp. 257-264. https://doi.org/10.18280/rma.310410
22	Marchione, F.	Failure Prediction of GFRP Pultruded Single-Lap Adhesive Joints	energy model, fracture energy, SLJ failure	31, 3, 117-123	https://doi.org/10.18280/rma.310301	Marchione, F. (2021). Failure prediction of GFRP pultruded single-lap adhesive joints. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 117-123. https://doi.org/10.18280/rma.310301
23	Pramono, A., Dhoska, K., Moezzi, R., Milandia, A.	Ti/SiC Based Metal Matrix Composites by Using Self-Propagating High Temperature Synthesis (SHS)	composite materials, hardness, scanning electron microscopy	31, 3, 125-129	https://doi.org/10.18280/rma.310302	Pramono, A., Dhoska, K., Moezzi, R., Milandia, A. (2021). Ti/SiC based metal matrix composites by using self-propagating high temperature synthesis (SHS). <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 125-129. https://doi.org/10.18280/rma.310302
24	Sun, Z.D., Wang, S.F., Hou, D.B.	Study on Mechanical Properties of Carburized Layer Based on Nano-Indentation	CrNi steel, carburized, nano-indentation, dimension analysis, mechanical property	31, 3, 131-137	https://doi.org/10.18280/rma.310303	Sun, Z.D., Wang, S.F., Hou, D.B. (2021). Study on mechanical properties of carburized layer based on nano-indentation. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 131-137. https://doi.org/10.18280/rma.310303
25	Chehali, H., Meghezzi, A., Berkouk, A., Soltani, M.T., Winning, G.	Mechanical, Curing Parameters and Water Absorption of Hybrid Date Palm Leaf-Orange Peel Fibers Reinforced Unsaturated Polyester Composites	unsaturated polyester, date palm leaf fiber, orange peel fiber, hybrid composites, physical properties, curing parameters	31, 3, 139-144	https://doi.org/10.18280/rma.310304	Chehali, H., Meghezzi, A., Berkouk, A., Soltani, M.T., Winning, G. (2021). Mechanical, curing parameters and water absorption of hybrid date palm leaf-orange peel fibers reinforced unsaturated polyester composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 139-144. https://doi.org/10.18280/rma.310304
26	Al Khaddour, S., Ibrahim, M.B.	Experimental Investigation on Tensile Properties of Carbon Fabric-Glass Fabric-Kevlar Fabric-Epoxy Hybrid Composite Laminates	carbon fabric, glass fabric, Kevlar fabric, epoxy resin, hybrid composites, tensile test	31, 3, 145-151	https://doi.org/10.18280/rma.310305	Al Khaddour, S., Ibrahim, M.B. (2021). Experimental investigation on tensile properties of carbon fabric-glass fabric-kevlar fabric-epoxy hybrid composite laminates. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 145-151. https://doi.org/10.18280/rma.310305
27	Afolalu, S.A., Ikumapayi, O.M., Ogedengbe, T.S., Emeteri, M.E.	Performance Assessment of the Developed Flux Powder on the Tensile and Hardness Properties of Steels Joints Using TIG-Welding	nano-flux powder, hardness, tensile strength, tig-welding, steels, eggshell	31, 3, 153-157	https://doi.org/10.18280/rma.310306	Afolalu, S.A., Ikumapayi, O.M., Ogedengbe, T.S., Emeteri, M.E. (2021). Performance assessment of the developed flux powder on the tensile and hardness properties of steels joints using TIG-welding. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 153-157. https://doi.org/10.18280/rma.310306
28	Liu, L.F., Dong, B.	Mechanical Properties and Durability of Recycled Aggregate Permeable Concrete	cycled aggregate, permeable concrete, mechanical properties, durability	31, 3, 159-167	https://doi.org/10.18280/rma.310307	Liu, L.F., Dong, B. (2021). Mechanical properties and durability of recycled aggregate permeable concrete. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 159-167. https://doi.org/10.18280/rma.310307
29	Abdul-Ameer, Z.N.	Novelty Au Nanoparticles with Different Nano Sizes as an Acidity Sensor	gold, nanoparticles, size, acidity, sensor, reagent, Turkevich method	31, 3, 169-173	https://doi.org/10.18280/rma.310308	Abdul-Ameer, Z.N. (2021). Novelty Au nanoparticles with different nano sizes as an acidity sensor. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 169-173. https://doi.org/10.18280/rma.310308
30	Touam, L., Derfouf, S.	Effect of the Varying Percentage Diss Fiber on Mechanical Behaviour of the Based Polyester Bio-Composite	bio-composite, diss, polyester, treatment, mechanical characteristic	31, 3, 175-180	https://doi.org/10.18280/rma.310309	Touam, L., Derfouf, S. (2021). Effect of the varying percentage diss fiber on mechanical behaviour of the based polyester bio-composite. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 3, pp. 175-180. https://doi.org/10.18280/rma.310309
31	Rachedi, M., Merad, A., Lorenzini, G., Ahmad, H., Menni, Y., Ameer, H., Sifi, I.	Effect of the Properties of Chalcopyrite Semiconductors on the Physical and Optical Parameters of Cell Layers with CIGS	solar materials, CuInGaSe ₂ solar cells, cell layers with CIGS, chalcopyrite semiconductors, conversion efficiency	31, 2, 65-72	https://doi.org/10.18280/rma.310201	Rachedi, M., Merad, A., Lorenzini, G., Ahmad, H., Menni, Y., Ameer, H., Sifi, I. (2021). Effect of the properties of chalcopyrite semiconductors on the physical and optical parameters of cell layers with CIGS. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 65-72. https://doi.org/10.18280/rma.310201
32	Bensaid, S., Safer, O.A., Trichet, D., Wasseynck, G., Berthiau, G., Fouldadgar, J.	Eddy Current Non-Destructive Characterization of Carbon Fiber Reinforcement Composites Considering Capacitive Effect	composite materials, eddy currents, finite element analysis, inverse problem, non-destructive characterization, parameter identification, parasitic capacitance	31, 2, 73-79	https://doi.org/10.18280/rma.310202	Bensaid, S., Safer, O.A., Trichet, D., Wasseynck, G., Berthiau, G., Fouldadgar, J. (2021). Eddy current non-destructive characterization of carbon fiber reinforcement composites considering capacitive effect. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 73-79. https://doi.org/10.18280/rma.310202
33	Ranakoti, L., Rakesh, P.K., Gangil, B.	Role of Wood Flour on Physical and Mechanical Properties in Polymer Matrix Composites-A Critical Review	polymer composites, wood flour, nanoparticle	31, 2, 81-92	https://doi.org/10.18280/rma.310203	Ranakoti, L., Rakesh, P.K., Gangil, B. (2021). Role of wood flour on physical and mechanical properties in polymer matrix composites-a critical review. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 81-92. https://doi.org/10.18280/rma.310203
34	Yang, Y.Y.	Influence of Basalt Fiber-Reinforced Cement-Based Composite on Slope Stability	basalt fiber, composite, slope reinforcement, stability analysis	31, 2, 93-100	https://doi.org/10.18280/rma.310204	Yang, Y.Y. (2021). Influence of basalt fiber-reinforced cement-based composite on slope stability. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 93-100. https://doi.org/10.18280/rma.310204
35	Khalid, F., Rabah, M., Salah, S., Hacene, A.	A Study of the Thermo-Mechanical Behavior of a Gas Turbine Blade in Composite Materials Reinforced with Mast	alumina, blade, thermo-mechanical behavior, Ansys, short fibers, high modulus carbon, speeds	31, 2, 101-108	https://doi.org/10.18280/rma.310205	Khalid, F., Rabah, M., Salah, S., Hacene, A. (2021). A study of the thermo-mechanical behavior of a gas turbine blade in composite materials reinforced with mast. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 101-108. https://doi.org/10.18280/rma.310205
36	Pant, M., Pidge, P., Nagdeve, L., Kumar, H.	A Review of Additive Manufacturing in Aerospace Application	additive manufacturing, aerospace industry, lightweight component	31, 2, 109-115	https://doi.org/10.18280/rma.310206	Pant, M., Pidge, P., Nagdeve, L., Kumar, H. (2021). A review of additive manufacturing in aerospace application. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 2, pp. 109-115. https://doi.org/10.18280/rma.310206
37	Choudhary, S., Gupta, R., Jain, A., Chaudhary, S.	Experimental Investigation of Rubberized Functionally Graded Concrete	fine aggregate, rubber fiber, rubber fiber concrete, rubberized functionally graded concrete	31, 1, 1-11	https://doi.org/10.18280/rma.310101	Choudhary, S., Gupta, R., Jain, A., Chaudhary, S. (2021). Experimental investigation of rubberized functionally graded concrete. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 1-11. https://doi.org/10.18280/rma.310101

38	Yellapragada, N.V.S.R., Cherukuri, T.S., Jayaraman, P., Devarakonda, S.K.	Estimation of Lattice Strain in Lanthanum Hexa Aluminate Nanoparticles Using X-Ray Peak Profile Analysis	Lanthanum Hexa Aluminate (LHA), X-ray diffraction (XRD) analysis, Scherrer Method (S-M), Williamson-Hall (W-H), Size-Strain Plot (SSP)	31, 1, 13-19	https://doi.org/10.18280/rma.310102	Yellapragada, N.V.S.R., Cherukuri, T.S., Jayaraman, P., Devarakonda, S.K. (2021). Estimation of lattice strain in lanthanum hexa aluminate nanoparticles using X-ray peak profile analysis. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 13-19. https://doi.org/10.18280/rma.310102
39	Zhou, B., Zou, C.Y., Meng, E.L.	Macro-Scale Numerical Simulation of Moisture Transmission in Zeoli-Based Moisture Conditioning Material	porous media, moisture transfer process, pore reconstruction, humidity control	31, 1, 21-26	https://doi.org/10.18280/rma.310103	Zhou, B., Zou, C.Y., Meng, E.L. (2021). Macro-scale numerical simulation of moisture transmission in zeoli-based moisture conditioning material. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 21-26. https://doi.org/10.18280/rma.310103
40	Chikodi, D.M.C., Nnamdi, O.D.O., Sunday, A.V.	Anti-wear and Hardness Values of Functional Value-Added Zn-ZnO-Rice Husk Ash Composite Coating of Mild Steel	anti-wear, hardness, morphology, composite coating, electrodeposition	31, 1, 27-32	https://doi.org/10.18280/rma.310104	Chikodi, D.M.C., Nnamdi, O.D.O., Sunday, A.V. (2021). Anti-wear and hardness values of functional Value-Added Zn-ZnO-Rice husk ash composite coating of mild steel. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 27-32. https://doi.org/10.18280/rma.310104
41	Rao, N.N., Rao, P.M.V., Kumar, S.	A Numerical Approach to Estimate First Ply Failure of Fibre Metal Laminate	numerical methods, classical lamination theory, first ply failure, fibre metal laminates	31, 1, 33-39	https://doi.org/10.18280/rma.310105	Rao, N.N., Rao, P.M.V., Kumar, S. (2021). A numerical approach to estimate first ply failure of fibre metal laminate. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 33-39. https://doi.org/10.18280/rma.310105
42	Zhao, F.F.	Finite-Element Analysis on Lightweight Material of Drive Axle Housing	drive axle housing, stress analysis, deform	31, 1, 41-49	https://doi.org/10.18280/rma.310106	Zhao, F.F. (2021). Finite-element analysis on lightweight material of drive axle housing. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 41-49. https://doi.org/10.18280/rma.310106
43	Srivastava, A.K., Saxena, A., Maurya, N.K., Dwivedi, S.P.	Microstructural and Mechanical Properties of AZ31B Graphene Nanocomposite Produced by Stir Casting	AZ31B alloy, metal matrix nanocomposite	31, 1, 51-56	https://doi.org/10.18280/rma.310107	Srivastava, A.K., Saxena, A., Maurya, N.K., Dwivedi, S.P. (2021). Microstructural and mechanical properties of AZ31B/graphene nanocomposite produced by stir casting. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 51-56. https://doi.org/10.18280/rma.310107
44	Mahesh, V., Nilabh, A., Joladarashi, S., Kulkarni, S.M.	Analysis of Impact Behaviour of Sisal-Epoxy Composites under Low Velocity Regime	impact, sisal-epoxy composite, damage mitigation, finite element, Taguchi, DOE	31, 1, 57-63	https://doi.org/10.18280/rma.310108	Mahesh, V., Nilabh, A., Joladarashi, S., Kulkarni, S.M. (2021). Analysis of impact behaviour of sisal-epoxy composites under low velocity regime. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 31, No. 1, pp. 57-63. https://doi.org/10.18280/rma.310108
45	Ezechukwu, V.C., Nwobi-Okoye, C.C., Atanmo, P.N., Aigbodion, V.S.	Wear performance of value-addition epoxy/breadfruit seed shell ash particles and functionalized Momordica angustisejala fiber hybrid composites	Momordica angustisejala fiber, breadfruit seed shell, microstructure and wear	30, 5-6, 195-202	https://doi.org/10.18280/rma.305-601	Ezechukwu, V.C., Nwobi-Okoye, C.C., Atanmo, P.N., Aigbodion, V.S. (2020). Wear performance of value-addition epoxy/breadfruit seed shell ash particles and functionalized Momordica angustisejala fiber hybrid composites. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 5-6, pp. 195-202. https://doi.org/10.18280/rma.305-601
46	Samir, B., Belkacem, M., Brahim, G.	Numerical modeling of the effects of fiber packing and reinforcement volume ratio on the transverse elasticity modulus of a unidirectional composite material glass / epoxy	micromechanics analysis, prediction of properties, reinforcing factor, transverse modulus, unidirectional lamina	30, 5-6, 203-210	https://doi.org/10.18280/rma.305-602	Samir, B., Belkacem, M., Brahim, G. (2020). Numerical modeling of the effects of fiber packing and reinforcement volume ratio on the transverse elasticity modulus of a unidirectional composite material glass / epoxy. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 5-6, pp. 203-210. https://doi.org/10.18280/rma.305-602
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49	Zhao, Y.G.B., Zhang, L.Q.	Damage quantification of frame-shear wall structure with metal rubber dampers under seismic load	MR damper, seismic load, damage, failure mode	30, 5-6, 227-234	https://doi.org/10.18280/rma.305-605	Zhao, Y.G.B., Zhang, L.Q. (2020). Damage quantification of frame-shear wall structure with metal rubber dampers under seismic load. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 5-6, pp. 227-234. https://doi.org/10.18280/rma.305-605
50	Mahadikar, A., Mamatha, E., Krupakara, P.V., Doddapattar, N.B.	Experimental investigation to study the influence of variation in composition on tribological behavior and impact strength of aluminium alloy Al7068	aluminium alloy, impact strength, magnesium, wear rate, zinc	30, 5-6, 235-240	https://doi.org/10.18280/rma.305-606	Mahadikar, A., Mamatha, E., Krupakara, P.V., Doddapattar, N.B. (2020). Experimental investigation to study the influence of variation in composition on tribological behavior and impact strength of aluminium alloy Al7068. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 5-6, pp. 235-240. https://doi.org/10.18280/rma.305-606
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54	Ibrahim, M.B., Habib, H.Y., Jabrah, R.M.	Preparation of Kevlar-49 fabric/E-glass fabric/epoxy composite materials and characterization of their mechanical properties	Kevlar fabric, glass fabric, epoxy resin, surface treatment, phosphoric acid, mechanical tests	30, 3-4, 133-141	https://doi.org/10.18280/rma.303-403	Ibrahim, M.B., Habib, H.Y., Jabrah, R.M. (2020). Preparation of Kevlar-49 fabric/E-glass fabric/epoxy composite materials and characterization of their mechanical properties. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 133-141. https://doi.org/10.18280/rma.303-403
55	Maurya, M., Kumar, S., Maurya, N.K.	Composites prepared via friction stir processing technique: A review	metal matrix composites (MMCs), micro-structure, micro-hardness, wear rate and tribological properties	30, 3-4, 143-151	https://doi.org/10.18280/rma.303-404	Maurya, M., Kumar, S., Maurya, N.K. (2020). Composites prepared via friction stir processing technique: A review. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 143-151. https://doi.org/10.18280/rma.303-404
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58	Srivastava, A.K., Dwivedi, S.P., Maurya, N.K., Sahu, R.	Surface roughness report and 3D surface analysis of hybrid Metal Matrix Composites (MMC) during Abrasive Water Jet (AWJ) cutting	hybrid MMC, A359 aluminum alloy, surface roughness, 3D profile view, abbreviations	30, 3-4, 169-174	https://doi.org/10.18280/rema.303-407	Srivastava, A.K., Dwivedi, S.P., Maurya, N.K., Sahu, R. (2020). Surface roughness report and 3D surface analysis of hybrid Metal Matrix Composites (MMC) during Abrasive Water Jet (AWJ) cutting. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 169-174. https://doi.org/10.18280/rema.303-407
59	Reddy, S.N.K., Wani, M.M.	Engine performance and emission studies by application of nanoparticles and antioxidants as additives in biodiesel blends	additives, antioxidants, biodiesel, diesel, emissions, nano particles, performance	30, 3-4, 175-180	https://doi.org/10.18280/rema.303-408	Reddy, S.N.K., Wani, M.M. (2020). Engine performance and emission studies by application of nanoparticles and antioxidants as additives in biodiesel blends. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 175-180. https://doi.org/10.18280/rema.303-408
60	Ghelloudj, E.	Modeling and analysis the impact of unsymmetrical bending on aluminum honeycomb sandwich beams with polyester resin/glass fibers using finite element method	CAST3M, honeycomb, numerical modeling, sandwich structures, unsymmetrical bending	30, 3-4, 181-188	https://doi.org/10.18280/rema.303-409	Ghelloudj, E. (2020). Modeling and analysis the impact of unsymmetrical bending on aluminum honeycomb sandwich beams with polyester resin/glass fibers using finite element method. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 3-4, pp. 181-188. https://doi.org/10.18280/rema.303-409
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63	Petrucci, A.M., Rahmani, M.	Numerical and analytical study of fatigue and degradation in multilayer composite plates	composite, degradation, Ansys software, usermat code, fatigue	30, 2, 61-68	https://doi.org/10.18280/rema.300202	Petrucci, A.M., Rahmani, M. (2020). Numerical and analytical study of fatigue and degradation in multilayer composite plates. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 2, pp. 61-68. https://doi.org/10.18280/rema.300202
64	Yang, G.L., Feng, B.K.	Orthogonal experiment on the surface quality of carbon fiber reinforced plastic cut by abrasive water jet	carbon fiber reinforced plastic (CFRP), abrasive water jet (AWJ) cutting, surface quality, orthogonal experiment	30, 2, 69-76	https://doi.org/10.18280/rema.300203	Yang, G.L., Feng, B.K. (2020). Orthogonal experiment on the surface quality of carbon fiber reinforced plastic cut by abrasive water jet. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 2, pp. 69-76. https://doi.org/10.18280/rema.300203
65	Mahesh, V., Joladarashi, S., Kulkarni, S.M.	Evaluation of tensile strength and slurry erosive behaviour of jute reinforced natural rubber based flexible composite	jute, rubber, tensile characterization, slurry erosion characterization, composite flexible	30, 2, 77-82	https://doi.org/10.18280/rema.300204	Mahesh, V., Joladarashi, S., Kulkarni, S.M. (2020). Evaluation of tensile strength and slurry erosive behaviour of jute reinforced natural rubber based flexible composite. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 2, pp. 77-82. https://doi.org/10.18280/rema.300204
66	Onah, H.N., Nwoji, C.U., Onyia, M.E., Mama, B.O., Ike, C.C.	Exact solutions for the elastic buckling problem of moderately thick beams	first order shear deformation theory, Euler-Bernoulli beam theory, elastic buckling problem, critical buckling load, thick beam	30, 2, 83-93	https://doi.org/10.18280/rema.300205	Onah, H.N., Nwoji, C.U., Onyia, M.E., Mama, B.O., Ike, C.C. (2020). Exact solutions for the elastic buckling problem of moderately thick beams. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 2, pp. 83-93. https://doi.org/10.18280/rema.300205
67	Gadade, A.M., Sutar, M.	Computationally efficient procedure for stress analysis of laminated composite shell subjected to different loading using ABAQUS software	polymer matrix composites, layered shell panel, finite element analysis, modeling and simulation, deformation analysis	30, 2, 95-102	https://doi.org/10.18280/rema.300206	Gadade, A.M., Sutar, M. (2020). Computationally efficient procedure for stress analysis of laminated composite shell subjected to different loading using ABAQUS software. <i>Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials</i> , Vol. 30, No. 2, pp. 95-102. https://doi.org/10.18280/rema.300206
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78	Zhao, Y.G.B., Ding, P.Z., Zhao, Y., Yan, X.W.	Mechanical properties of metallic pseudo rubber-silicon rubber composite for three-way seismic isolation	metallic pseudo rubber-silicon rubber (MPR-SR) composite, three-way seismic isolator, compression, shear, hysteretic behavior	29, 6, 341-350	https://doi.org/10.18280/rma.290601	Zhao, Y.G.B., Ding, P.Z., Zhao, Y., Yan, X.W. (2019). Mechanical properties of metallic pseudo rubber-silicon rubber composite for three-way seismic isolation. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 6, pp. 341-350. https://doi.org/10.18280/rma.290601
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80	Ike, C.C., Nwoji, C.U., Onah, H.N., Mama, B.O., Onyia, M.E.	Modified single finite Fourier cosine integral transform method for finding the critical elastic buckling loads of first order shear deformable beams with fixed ends	characteristic buckling equation, critical elastic buckling load, eigenvalue problem, first order shear deformation beam theory, modified single finite fourier cosine integral transform method	29, 6, 357-362	https://doi.org/10.18280/rma.290603	Ike, C.C., Nwoji, C.U., Onah, H.N., Mama, B.O., Onyia, M.E. (2019). Modified single finite Fourier cosine integral transform method for finding the critical elastic buckling loads of first order shear deformable beams with fixed ends. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 6, pp. 357-362. https://doi.org/10.18280/rma.290603
81	Merizgui, T., Hadjadj, A., Kious, M., Gaoui, B.	Impact of temperature variation on the electromagnetic shielding behavior of multilayer shield for EMC applications	electromagnetic compatibility EMC, materials, temperature, electrical conductivity	29, 6, 363-367	https://doi.org/10.18280/rma.290604	Merizgui, T., Hadjadj, A., Kious, M., Gaoui, B. (2019). Impact of temperature variation on the electromagnetic shielding behavior of multilayer shield for EMC applications. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 6, pp. 363-367. https://doi.org/10.18280/rma.290604
82	Putra, A.E.E., Sulfiana, E., Amalyah, N., Hayat, A., Arsyad, H.	Hazardous content removal and silver nanoparticle recovery from liquid radiography waste using microwave plasma	hazardous content, silver nanoparticles, the in-liquid plasma, microwave oven, the Debye-scherrer's formula	29, 6, 369-373	https://doi.org/10.18280/rma.290605	Putra, A.E.E., Sulfiana, E., Amalyah, N., Hayat, A., Arsyad, H. (2019). Hazardous content removal and silver nanoparticle recovery from liquid radiography waste using microwave plasma. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 6, pp. 369-373. https://doi.org/10.18280/rma.290605
83	Bousschel, H.	Influence of 3-(Trimethoxysilyl) propyl methacrylate coupling agent treatment of olive pomace flour reinforced polystyrene composites	composite, coupling agent, olive pomace, polystyrene, silane	29, 6, 375-380	https://doi.org/10.18280/rma.290606	Bousschel, H. (2019). Influence of 3-(Trimethoxysilyl) propyl methacrylate coupling agent treatment of olive pomace flour reinforced polystyrene composites. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 6, pp. 375-380. https://doi.org/10.18280/rma.290606
84	Li, Q., Li, K.Q., Ni, W., Zhang, S.Q., Li, D.Z., Chen, W.	Analysis on gold tailings-based aerated concrete in different phases of autoclave curing based on nuclear magnetic resonance	gold tailings, aerated concrete, autoclave curing, Nuclear Magnetic Resonance (NMR)	29, 6, 381-387	https://doi.org/10.18280/rma.290607	Li, Q., Li, K.Q., Ni, W., Zhang, S.Q., Li, D.Z., Chen, W. (2019). Analysis on gold tailings-based aerated concrete in different phases of autoclave curing based on nuclear magnetic resonance. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 6, pp. 381-387. https://doi.org/10.18280/rma.290607
85	Evon, P., Barthod-Malat, P., Grégoire, M., Vaca-Medina, G., Labonne, L., Ballas, S., Véronèse, T., Ouagne, P.	Production of fiberboards from shives collected after continuous fiber mechanical extraction from oleaginous flax	fiberboard, oleaginous flax shives, thermo-mechanical fiber delimitation, twin-screw extruder, thermo-pressing, lignin	29, 5, 277-287	https://doi.org/10.18280/rma.290501	Evon, P., Barthod-Malat, P., Grégoire, M., Vaca-Medina, G., Labonne, L., Ballas, S., Véronèse, T., Ouagne, P. (2019). Production of fiberboards from shives collected after continuous fiber mechanical extraction from oleaginous flax. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 5, pp. 277-287. https://doi.org/10.18280/rma.290501
86	Garat, W., Corn, S., Le Moigne, N., Beaugrand, J., Janny, P., Bergeret, A.	Dimensional variations and mechanical behavior of various plant fibre species under controlled hydro / hydrothermal conditions	natural fibres, swelling, mechanical properties, hydrohyothermal conditions	29, 5, 289-294	https://doi.org/10.18280/rma.290502	Garat, W., Corn, S., Le Moigne, N., Beaugrand, J., Janny, P., Bergeret, A. (2019). Dimensional variations and mechanical behavior of various plant fibre species under controlled hydro / hydrothermal conditions. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 5, pp. 289-294. https://doi.org/10.18280/rma.290502
87	Grégoire, M., Ouagne, P., Barthod-Malat, B., Evon, P., Labonne, L., Placet, V.	Extraction of linseed flax fibres for technical textiles: influence of pre-treatment parameters on the fibre yield, the mechanical properties and the mechanical properties	extraction yield, fiber extraction, mechanical properties, oleaginous flax, size distribution	29, 5, 295-300	https://doi.org/10.18280/rma.290503	Grégoire, M., Ouagne, P., Barthod-Malat, B., Evon, P., Labonne, L., Placet, V. (2019). Extraction of linseed flax fibres for technical textiles: influence of pre-treatment parameters on the fibre yield, the mechanical properties and the mechanical properties. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 5, pp. 295-300. https://doi.org/10.18280/rma.290503
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90	Postdam, G., Gning, P.B., Piczel, B., Geslain, A., Fontaine, S.	Development of bio-composite reinforced by sugarcane fibres	bagasse, bio-composite, sound absorption, mechanical properties, stereo-digital image correlation	29, 5, 317-323	https://doi.org/10.18280/rma.290506	Postdam, G., Gning, P.B., Piczel, B., Geslain, A., Fontaine, S. (2019). Development of bio-composite reinforced by sugarcane fibres. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 5, pp. 317-323. https://doi.org/10.18280/rma.290506
91	Samuel Réquillé, Antoine Le Duigou, Alain Bourmaud, Christophe Baley	Quality of the multi-scale interphase of hemp stems: Retting effect	biocomposites, hemp, fiber, interface, retting, peeling test	29, 5, 325-333	https://doi.org/10.18280/rma.290507	Réquillé, S., Le Duigou, A., Bourmaud, A., Baley, C. (2019). Quality of the multi-scale interphase of hemp stems: Retting effect. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 5, pp. 325-333. https://doi.org/10.18280/rma.290507
92	Mohamed M. Salem, Emmanuel De Luycker, Marina Fazzini, Pierre Ouagne	Study of the tow buckling defect during the shaping of structural composites based on synthetic and vegetal fibres	composite manufacturing, preforming defects, textile reinforcement, tow buckling, full field strain measurement	29, 5, 335-340	https://doi.org/10.18280/rma.290508	Salem, M.M., De Luycker, E., Fazzini, M., Ouagne, P. (2019). Study of the tow buckling defect during the shaping of structural composites based on synthetic and vegetal fibres. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 5, pp. 335-340. https://doi.org/10.18280/rma.290508
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94	Baley, C.	What obstacles need to be overcome in order to optimize performance and develop applications for biocomposites?	natural fibres, polymers, composite materials, bottleneck	29, 4, 193-199	https://doi.org/10.18280/rma.290402	Baley, C. (2019). What obstacles need to be overcome in order to optimize performance and develop applications for biocomposites? <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 4, pp. 193-199. https://doi.org/10.18280/rma.290402

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96	Davies, P., Arhant, M., Le Gac, P.Y., Le Gall, M., Kemlin, G.	Mechanical behaviour of composites reinforced by bamboo strips, influence of seawater aging	bamboo, density, mechanical properties, wet aging	29, 4, 209-214	https://doi.org/10.18280/rma.290404	Davies, P., Arhant, M., Le Gac, P.Y., Le Gall, M., Kemlin, G. (2019). Mechanical behaviour of composites reinforced by bamboo strips, influence of seawater aging. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 4, pp. 209-214. https://doi.org/10.18280/rma.290404
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98	Garat, W., Moigne, N.L., Corn, S., Beaugrand, J., Bergeret, A.	Swelling of plant fibers under hydrothermal conditions: determination of hydro/hydroexpansion coefficients	natural fibers, swelling, humidity, hydro/hydroexpansion coefficient	29, 4, 225-232	https://doi.org/10.18280/rma.290406	Garat, W., Moigne, N.L., Corn, S., Beaugrand, J., Bergeret, A. (2019). Swelling of plant fibers under hydro/hydrothermal conditions: determination of hydro/hydroexpansion coefficients. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 4, pp. 225-232. https://doi.org/10.18280/rma.290406
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100	Péron, M., Céline, A., Castro, M., Jacquemin, F., Le Duigou, A.	Biocomposites with asymmetric stacking for the study of hydro-mechanical couplings	biocomposites, bilayers, curvature, hygroscopic stresses, swelling, water diffusion	29, 4, 243-252	https://doi.org/10.18280/rma.290408	Péron, M., Céline, A., Castro, M., Jacquemin, F., Le Duigou, A. (2019). Biocomposites with asymmetric stacking for the study of hydro-mechanical couplings. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 4, pp. 243-252. https://doi.org/10.18280/rma.290408
101	Réquilé, S., Le Duigou, A., Bournaud, A., Baley, C.	Hygroscopic and mechanical properties of hemp fibre reinforced biocomposites	natural fibres, biocomposites, hygro-mechanical properties, relative humidity	29, 4, 253-260	https://doi.org/10.18280/rma.290409	Réquilé, S., Le Duigou, A., Bournaud, A., Baley, C. (2019). Hygroscopic and mechanical properties of hemp fibre reinforced biocomposites. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 4, pp. 253-260. https://doi.org/10.18280/rma.290409
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103	Ike, C.C., Onah, H.N., Mama, B.O., Nwoji, C.U., Ikwueze, E.U.	Fourier cosine series method for solving the generalized elastic thin-walled column buckling problem for dirichlet boundary conditions	fourier cosine series method, generalized elastic thin-walled column buckling problem, characteristic buckling equation, algebraic eigenvalue problem, eigenvalue, modal displacement functions, critical buckling load	29, 3, 131-137	https://doi.org/10.18280/rma.290301	Ike, C.C., Onah, H.N., Mama, B.O., Nwoji, C.U., Ikwueze, E.U. (2019). Fourier cosine series method for solving the generalized elastic thin-walled column buckling problem for dirichlet boundary conditions. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 3, pp. 131-137. https://doi.org/10.18280/rma.290301
104	Wang, Y.H., Yao, Y.H., Wu, Y.P., Li, X.Z.	Technical and economic analysis on masonry materials of exterior walls for building energy conservation	energy conservation, building envelope, masonry material, technical and economic analysis, Ceramic aerated concrete (CAC) blocks	29, 3, 139-143	https://doi.org/10.18280/rma.290302	Wang, Y.H., Yao, Y.H., Wu, Y.P., Li, X.Z. (2019). Technical and economic analysis on masonry materials of exterior walls for building energy conservation. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 3, pp. 139-143. https://doi.org/10.18280/rma.290302
105	Dey, S., Deb, M., Das, P.K.	Chemical characterization and tribological behavior of kitchen chimney dump lard (KCCL) as a bio-lubricant	bio-lubricant, fatty acid ester, IR spectrum, tribotester, wear rate, COF	29, 3, 145-150	https://doi.org/10.18280/rma.290303	Dey, S., Deb, M., Das, P.K. (2019). Chemical characterization and tribological behavior of kitchen chimney dump lard (KCCL) as a bio-lubricant. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 3, pp. 145-150. https://doi.org/10.18280/rma.290303
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107	Komma, H.K.R., Nerella, R., Madduru, S.R.C.	Art-of-review on CFRP wrapping to strengthen compressive and flexural behavior of concrete	FRP beam, FRP column, fiber reinforced polymer (FRP), FRP sheets, FRP strength, CFRP wrapping techniques	29, 3, 159-163	https://doi.org/10.18280/rma.290305	Komma, H.K.R., Nerella, R., Madduru, S.R.C. (2019). Art-of-review on CFRP wrapping to strengthen compressive and flexural behavior of concrete. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 3, pp. 159-163. https://doi.org/10.18280/rma.290305
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110	Talabari, A.A., Alaci, M.H., Shalhan, H.R.	Experimental investigation of tensile properties in a glass-epoxy sample manufactured by vacuum infusion, vacuum bag and hand layup process	VIP, vacuum bag, hand layup, tensile strength, modulus, inter-laminar bonding, surface macroscopy	29, 3, 179-182	https://doi.org/10.18280/rma.290308	Talabari, A.A., Alaci, M.H., Shalhan, H.R. (2019). Experimental investigation of tensile properties in a glass-epoxy sample manufactured by vacuum infusion, vacuum bag and hand layup process. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 3, pp. 179-182. https://doi.org/10.18280/rma.290308
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112	Merabti, S., Grioui, K., Memi, Y., Chamkha, A.J., Lorenzini, G., Sakhri, N., Ameer, H.	Study of some parameters influence on a saharian building balance sheet	energy balance, heat balance, arid zone, thermal comfort, insulation glass	29, 2, 83-88	https://doi.org/10.18280/rma.290202	Merabti, S., Grioui, K., Memi, Y., Chamkha, A.J., Lorenzini, G., Sakhri, N., Ameer, H. (2019). Study of some parameters influence on a Saharian building balance sheet. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 2, pp. 83-88. https://doi.org/10.18280/rma.290202
113	Wang, Y.	Experimental analysis on refractory properties of tall buildings	concrete, tall building, refractory, damage evolution, damage mechanics	29, 2, 89-93	https://doi.org/10.18280/rma.290203	Wang, Y. (2019). Experimental analysis on refractory properties of tall buildings. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 2, pp. 89-93. https://doi.org/10.18280/rma.290203

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115	Dwivedi, S.P., Maurya, N.K., Maurya, M.	Effect of uncarbonized eggshell weight percentage on mechanical properties of composite material developed by electromagnetic stir casting technique	uncarbonized eggshell, AA2014 Alloy, tensile strength, hardness and electromagnetic stir casting technique	29, 2, 101-107	https://doi.org/10.18280/rcma.290205	Dwivedi, S.P., Maurya, N.K., Maurya, M. (2019). Effect of uncarbonized eggshell weight percentage on mechanical properties of composite material developed by electromagnetic stir casting technique. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 2, pp. 101-107. https://doi.org/10.18280/rcma.290205
116	Li, J., Shi, S.Q., He, Q.L., Chen, S.	Split-hopkinson pressure bar test and numerical simulation of steel fiber-reinforced high-strength concrete	steel fiber-reinforced high-strength concrete (SFHSC), impact compression, strain rate effect, numerical simulation	29, 2, 109-117	https://doi.org/10.18280/rcma.290206	Li, J., Shi, S.Q., He, Q.L., Chen, S. (2019). Split-hopkinson pressure bar test and numerical simulation of steel fiber-reinforced high-strength concrete. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 2, pp. 109-117. https://doi.org/10.18280/rcma.290206
117	Yemini, S.S.R., Kutchibotla, K.R.	Buckling study of conical shells subjected to uniform external pressure using theoretical and FEA approaches	unstiffened conical shell, uniform external pressure, linear buckling analysis, non-linear buckling analysis, Al-cu alloy, CFRP composite	29, 2, 119-123	https://doi.org/10.18280/rcma.290207	Yemini, S.S.R., Kutchibotla, K.R. (2019). Buckling study of conical shells subjected to uniform external pressure using theoretical and FEA approaches. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 2, pp. 119-123. https://doi.org/10.18280/rcma.290207
118	Xu, Y.L.	A 1D compression model for loess based on disturbed state concept	intact loess, remolded loess, disturbance function, evolution law, disturbed state concept (DSC)	29, 2, 125-129	https://doi.org/10.18280/rcma.290208	Xu, Y.L. (2019). A 1D compression model for loess based on disturbed state concept. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 2, pp. 125-129. https://doi.org/10.18280/rcma.290208
119	Bousschel, H., Mazouzi, D.E., Belghar, N., Guerira, B., Lachi, M.	Effect of chemicals treatments on the morphological, mechanical, thermal and water uptake properties of poly(vinyl chloride)/palm fibers composites	poly (vinyl chloride), palm fibers, acetylation, alkali, mechanical, thermal, water absorption	29, 1, 1-8	https://doi.org/10.18280/rcma.290101	Bousschel, H., Mazouzi, D.E., Belghar, N., Guerira, B., Lachi, M. (2019). Effect of chemicals treatments on the morphological, mechanical, thermal and water uptake properties of poly(vinyl chloride)/palm fibers composites. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 1-8. https://doi.org/10.18280/rcma.290101
120	Bhowmik, C., Chakraborti, P.	Stability analysis of electric transmission line tower made with composite material carbon fiber epoxy - an innovative approach	transmission line tower, strength, stability, CFE, STAAD	29, 1, 9-13	https://doi.org/10.18280/rcma.290102	Bhowmik, C., Chakraborti, P. (2019). Stability analysis of electric transmission line tower made with composite material carbon fiber epoxy - An Innovative approach. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 9-13. https://doi.org/10.18280/rcma.290102
121	Wang, F.C., Wang, C., Yi, S.J.	Strength and performance of straw ash cement mortar	rice straw ash, cement mortar, water absorption, compressive strength, flexural strength	29, 1, 15-20	https://doi.org/10.18280/rcma.290103	Wang, F.C., Wang, C., Yi, S.J. (2019). Strength and performance of straw ash cement mortar. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 15-20. https://doi.org/10.18280/rcma.290103
122	Yang, J., Zhou, J.T., Nie, Z.X., Liu, L.	Preparation and property analysis of phase change concrete PEG/SiO ₂ -CPCM	polyethylene glycol (PEG), silica sol, phase change concrete, compressive strength, thermal conductivity	29, 1, 21-26	https://doi.org/10.18280/rcma.290104	Yang, J., Zhou, J.T., Nie, Z.X., Liu, L. (2019). Preparation and property analysis of phase change concrete PEG/SiO ₂ -CPCM. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 21-26. https://doi.org/10.18280/rcma.290104
123	Merizgui, T., Hadjadj, A., Kious, M., Gaoui, B.	Effect of human body temperature on new multilayer composite shield in pacemaker	EM shielding effectiveness, temperature, multilayer composite, pacemakers, titanium, silicon	29, 1, 27-32	https://doi.org/10.18280/rcma.290105	Merizgui, T., Hadjadj, A., Kious, M., Gaoui, B. (2019). Effect of Human body temperature on new multilayer composite shield in pacemaker. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 27-32. https://doi.org/10.18280/rcma.290105
124	Subramanian, S.M., Karuppaiah, M.	Hardness property measurement, grain size reduction and heat treatment of AA6061+CuO composite with and without TiB ₂ addition	stir casting, metal matrix composite (MMC), master alloy, cuprous oxide (CuO), heat treatment	29, 1, 33-37	https://doi.org/10.18280/rcma.290106	Subramanian, S.M., Karuppaiah, M. (2019). Hardness property measurement, grain size reduction and heat treatment of AA6061+CuO composite with and without TiB ₂ Addition. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 33-37. https://doi.org/10.18280/rcma.290106
125	Wang, J.Q., Lu, L.C.	Microwave absorbing features of Ce ₂ (Co _{0.3} Fe _{0.7}) ₁₇ /ferrite coating material	absorbent, ferrite, reflection loss, coating material, composite	29, 1, 39-44	https://doi.org/10.18280/rcma.290107	Wang, J.Q., Lu, L.C. (2019). Microwave absorbing features of Ce ₂ (Co _{0.3} Fe _{0.7}) ₁₇ /ferrite coating material. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 39-44. https://doi.org/10.18280/rcma.290107
126	Huang, C.S., Chen, F.Q., Gao, D.Y.	Experimental study on splitting performance of fiber reinforced asphalt concrete	road engineering, performance of splitting test, test research, fiber reinforced asphalt mixture	29, 1, 45-52	https://doi.org/10.18280/rcma.290108	Huang, C.S., Chen, F.Q., Gao, D.Y. (2019). Experimental study on splitting performance of fiber reinforced asphalt concrete. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 45-52. https://doi.org/10.18280/rcma.290108
127	Chaudhury, P., Samantary, S.	Finite element modelling of EDM of aluminum particulate metal matrix composites considering temperature dependent properties	powder metallurgy, particulate metal matrices composite, thermal modeling, electrical discharge machining, finite element method, specific heat, heat flux, material removal rate	29, 1, 53-62	https://doi.org/10.18280/rcma.290109	Chaudhury, P., Samantary, S. (2019). Finite element modelling of EDM of aluminum particulate metal matrix composites considering temperature dependent properties. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 53-62. https://doi.org/10.18280/rcma.290109
128	Kumar, D., Sokhal, G.S., Sharma, P.	Numerical analysis of the heat and fluids flow performance of duo-nanofluids in flat tube with bend	radiator, heat transfer coefficient, pressure drop, Nusselt number, friction factor	29, 1, 63-69	https://doi.org/10.18280/rcma.290110	Kumar, D., Sokhal, G.S., Sharma, P. (2019). Numerical analysis of the heat and fluids flow performance of duo-nanofluids in flat tube with bend. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 29, No. 1, pp. 63-69. https://doi.org/10.18280/rcma.290110
129	Amiri, R., Bouadja, B.B., Amiri, A., Haref, D.C.	3D finite element analysis of stem-cement interface under cavity effect	finite element, bone cement, interface, cavity, failure, debonding	28, 4, 455-469	https://doi.org/10.3166/RCMA.28.455-469	Amiri, R., Bouadja, B.B., Amiri, A., Haref, D.C. (2018). 3D finite element analysis of stem-cement interface under cavity effect. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 4, pp. 455-469. https://doi.org/10.3166/RCMA.28.455-469
130	Ji, L., Wang, M.L., Sun, M.L., Zhao, W.L., Wang, H.M., Zhang, H.	Forming process of carbon fiber truss bridge units	carbon fiber, truss bridge units, forming process, vacuum hot press molding	28, 4, 471-479	https://doi.org/10.3166/RCMA.28.471-479	Ji, L., Wang, M.L., Sun, M.L., Zhao, W.L., Wang, H.M., Zhang, H. (2018). Forming process of carbon fiber truss bridge units. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 4, pp. 471-479. https://doi.org/10.3166/RCMA.28.471-479
131	Murugan, S.S., Maheswari, K.	Development of ultra fine grained structure (UFG) on AA6061 and reinforced with CuO composite through equal channel angular pressing (ECAP) process	UFG, ECAP, stir casting, severe plastic deformation, solution heat treatment, microstructure	28, 4, 481-494	https://doi.org/10.3166/RCMA.28.481-494	Murugan, S.S., Maheswari, K. (2018). Development of ultra fine grained structure (UFG) on AA6061 and reinforced with CuO composite through equal channel angular pressing (ECAP) process. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 4, pp. 481-494. https://doi.org/10.3166/RCMA.28.481-494
132	Zhang, X.G., Chen, Z.X., Yi, N.P., Yin, M.J.	Clay curing properties of a compound solution of sulfonated petroleum product	sulfonated petroleum product, silty clay, modification, experimental analysis	28, 4, 495-507	https://doi.org/10.3166/RCMA.28.495-507	Zhang, X.G., Chen, Z.X., Yi, N.P., Yin, M.J. (2018). Clay curing properties of a compound solution of sulfonated petroleum product. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 4, pp. 495-507. https://doi.org/10.3166/RCMA.28.495-507

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134	Huang, Z.H., Zhu, Z.Q., Zhou, Z.H.	Harmful gas reduction through synthesis of epoxy resin aqueous dispersion	reactive epoxy emulsifier, epoxy aqueous dispersion, epoxy chain extension, stability	28, 4, 529-538	https://doi.org/10.3166/RCMA.28.529-538	Huang, Z.H., Zhu, Z.Q., Zhou, Z.H. (2018). Harmful gas reduction through synthesis of epoxy resin aqueous dispersion. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 4, pp. 529-538. https://doi.org/10.3166/RCMA.28.529-538
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136	Buonomo B., Pasqua A.D., Ercole D., Manca O.	Porosity effect on thermal and fluid dynamic behaviors of a compact heat exchanger in aluminum foam	aluminum foam, heat exchanger, heat transfer enhancement	28, 3, 305-322	https://doi.org/10.3166/RCMA.28.305-322	Buonomo B., Pasqua A.D., Ercole D., Manca O. (2018). Porosity effect on thermal and fluid dynamic behaviors of a compact heat exchanger in aluminum foam. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 305-322. https://doi.org/10.3166/RCMA.28.305-322
137	Gatto, M.F., Pedicini, R., Carbone, A., Sacchi, A., Matera, F., Gatto, I.	Study and development of innovative materials for hydrogen storage activity	materials, synthesis, hydrogen storage	28, 3, 323-332	https://doi.org/10.3166/RCMA.28.323-332	Gatto, M.F., Pedicini, R., Carbone, A., Sacchi, A., Matera, F., Gatto, I. (2018). Study and development of innovative materials for hydrogen storage activity. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 323-332. https://doi.org/10.3166/RCMA.28.323-332
138	Meng, H., Wei, J., Xing, L.X.	Permeability and mechanical properties of basalt fiber-reinforced concrete under magnesium sulfate corrosion	basalt fiber, anti-erosion ability, mechanical properties, magnesium sulfate corrosion	28, 3, 333-343	https://doi.org/10.3166/RCMA.28.333-343	Meng, H., Wei, J., Xing, L.X. (2018). Permeability and mechanical properties of basalt fiber-reinforced concrete under magnesium sulfate corrosion. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 333-343. https://doi.org/10.3166/RCMA.28.333-343
139	Maresh, V., Joladarashi, S., Kulkarni, S.M.	Experimental investigation on slurry erosive behaviour of biodegradable flexible composite and optimization of parameters using Taguchi's approach	lute, rubber, slurry erosion, design of experiments, Taguchi, flexible composites	28, 3, 345-355	https://doi.org/10.3166/RCMA.28.345-355	Maresh, V., Joladarashi, S., Kulkarni, S.M. (2018). Experimental investigation on slurry erosive behaviour of biodegradable flexible composite and optimization of parameters using Taguchi's approach. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 345-355. https://doi.org/10.3166/RCMA.28.345-355
140	Jin, L.L.	Analysis on microscopic damage of porous materials under cyclic loads	modified gursont-vergaard-needleman (GTN) model, stress triaxiality, cell model, void evolution, cyclic load, ratcheting effect	28, 3, 357-381	https://doi.org/10.3166/RCMA.28.357-381	Jin, L.L. (2018). Analysis on microscopic damage of porous materials under cyclic loads. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 357-381. https://doi.org/10.3166/RCMA.28.357-381
141	Bourennane, H., Gueribiz, D., Benchatti, A.	Mechanical behavior modeling of damaged composite matrix	composites mechanical behavior, damage, polymer matrix	28, 3, 383-393	https://doi.org/10.3166/RCMA.28.383-393	Bourennane, H., Gueribiz, D., Benchatti, A. (2018). Mechanical behavior modeling of damaged composite matrix. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 383-393. https://doi.org/10.3166/RCMA.28.383-393
142	Zheng, L., Xia, Z., Zhang, X.Y.	Comparison between geopolymer reaction and cement hydration in solidification of fly ash generated in municipal solid waste incineration	strength, heavy metal phase, cement, geopolymer, municipal solid waste incineration (MSWI), fly ash	28, 3, 395-403	https://doi.org/10.3166/RCMA.28.395-403	Zheng, L., Xia, Z., Zhang, X.Y. (2018). Comparison between geopolymer reaction and cement hydration in solidification of fly ash generated in municipal solid waste incineration. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 395-403. https://doi.org/10.3166/RCMA.28.395-403
143	Rajput, G.R., Patil, V.S., Prasad, J.S.V.R.K.	MHD flow of Powell-Eyring nanofluid containing nanoparticles and gyrotactic microorganisms over a stretched surface	micro-organismes gyrotactiques, nanofluid de powell-eyring	28, 3, 405-420	https://doi.org/10.3166/RCMA.28.405-420	Rajput, G.R., Patil, V.S., Prasad, J.S.V.R.K. (2018). MHD flow of Powell-Eyring nanofluid containing nanoparticles and gyrotactic microorganisms over a stretched surface. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 405-420. https://doi.org/10.3166/RCMA.28.405-420
144	Dwivedi, S.P., Sharma, S.	Utilization of waste eggshell to reduce soil pollution in development of composite using central composite design	waste eggshells, corrosion rate, preheat temperature, particle size, RSM	28, 3, 421-438	https://doi.org/10.3166/RCMA.28.421-438	Dwivedi, S.P., Sharma, S. (2018). Utilization of waste eggshell to reduce soil pollution in development of composite using central composite design. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 3, pp. 421-438. https://doi.org/10.3166/RCMA.28.421-438
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146	Franco, F.D., Burgio, G., Santamaria, M.	Chitosan-Heteropolycydic membranes for direct methanol fuel cells	proton conductors, Chitosan (CS)-based membrane, direct methanol fuel cells	28, 2, 141-147	https://doi.org/10.3166/RCMA.28.141-147	Franco, F.D., Burgio, G., Santamaria, M. (2018). Chitosan-Heteropolycydic membranes for direct methanol fuel cells. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 2, pp. 141-147. https://doi.org/10.3166/RCMA.28.141-147
147	Raouache, E., Boumerzoug, Z., Rajakumar, S., Khalifallah, F.	Effect of FSW process parameters on strength and peak temperature for joining high-density polyethylene (HDPE) sheets	friction stir welding, polyethylene, tensile strength, peak temperature, ANOVA	28, 2, 149-160	https://doi.org/10.3166/RCMA.28.149-160	Raouache, E., Boumerzoug, Z., Rajakumar, S., Khalifallah, F. (2018). Effect of FSW process parameters on strength and peak temperature for joining high-density polyethylene (HDPE) sheets. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 2, pp. 149-160. https://doi.org/10.3166/RCMA.28.149-160
148	Luo, J.H., Liu, X.L., Huang, H.F., Mi, D.C., Chen, D.Q.	Mechanism analysis and application of cement-soil mixing pile in soft roadbed treatment	composite, Cement-soil Mixing Pile (CSMP), ratio test, composite soft soil roadbed, settlement analysis	28, 2, 161-172	https://doi.org/10.3166/RCMA.28.161-172	Luo, J.H., Liu, X.L., Huang, H.F., Mi, D.C., Chen, D.Q. (2018). Mechanism analysis and application of cement-soil mixing pile in soft roadbed treatment. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 2, pp. 161-172. https://doi.org/10.3166/RCMA.28.161-172
149	Endalew, M.F., Sarkar, S., Seth, G.S., Makinde, O.D.	Dual-phase-lag heat transfer model in hydromagnetic second grade flow through a microchannel filled with porous material: A time-bound analysis	dual-phase-lag heat transfer, microchannel, second grade fluid, porous material, MHD flow	28, 2, 173-194	https://doi.org/10.3166/RCMA.28.173-194	Endalew, M.F., Sarkar, S., Seth, G.S., Makinde, O.D. (2018). Dual-phase-lag heat transfer model in hydromagnetic second grade flow through a microchannel filled with porous material: A time-bound analysis. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 2, pp. 173-194. https://doi.org/10.3166/RCMA.28.173-194
150	Guo, N., Wang, H.T., Zuo, H.L.	Flexural experiments on prestressed glued bamboo and lumber beam for material selection	prestressed glued bamboo and lumber (GB&L) beam, flexural experiment, ultimate load, failure pattern	28, 2, 195-210	https://doi.org/10.3166/RCMA.28.195-210	Guo, N., Wang, H.T., Zuo, H.L. (2018). Flexural experiments on prestressed glued bamboo and lumber beam for material selection. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 2, pp. 195-210. https://doi.org/10.3166/RCMA.28.195-210
151	Tameur, Z., Ahmed, S., Sahli, S.	Fluid-structure interaction parameters analysis with incompressible flows	fluid-structure interaction, arbitrary lagrangian-eulerian description, incompressible flows, nonlinear geometric analysis, partitioned coupling	28, 2, 211-238	https://doi.org/10.3166/RCMA.28.211-238	Tameur, Z., Ahmed, S., Sahli, S. (2018). Fluid-structure interaction parameters analysis with incompressible flows. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 2, pp. 211-238. https://doi.org/10.3166/RCMA.28.211-238

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153	Elmeriah, A., Nehari, D., Mohamed, A., Remlaoui, A.	Natural convection mechanism evaluation inside a shell and tube thermal energy storage (TES) device inclination	heat transfer, phase change material, thermal energy storage, numerical investigation	28, 2, 257-276	https://doi.org/10.3166/RCMA.28.257-276	Elmeriah, A., Nehari, D., Mohamed, A., Remlaoui, A. (2018) Natural convection mechanism evaluation inside a shell and tube thermal energy storage (TES) device inclination. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 2, pp. 257-276. https://doi.org/10.3166/RCMA.28.257-276
154	Mathivanan, N. R., Babu, N. M., Kumar, K. V.	Empirical study on twisting force using Taguchi doe technique during drilling of hybrid FRP laminate	drilling, torque, cutting speed, feed rate, tool material	28, 2, 277-288	https://doi.org/10.3166/RCMA.28.277-288	Mathivanan, N. R., Babu, N. M., Kumar, K. V. (2018) Empirical study on twisting force using Taguchi doe technique during drilling of hybrid FRP laminate. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 2, pp. 277-288. https://doi.org/10.3166/RCMA.28.277-288
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156	Guzman-Maldonado, E., Xiong, H., Hamila, N., Boisse, P.	Modélisation du procédé de thermoformage de composites préimprégnés à matrice thermoplastique	finite element analysis, forming, prepreg, thermochemical, thermoplastic, viscoelasticity	28, 1, 9-33	https://doi.org/10.3166/RCMA.28.9-33	Guzman-Maldonado, E., Xiong, H., Hamila, N., Boisse, P. (2018). Modélisation du procédé de thermoformage de composites préimprégnés à matrice thermoplastique. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 1, pp. 9-33. https://doi.org/10.3166/RCMA.28.9-33
157	Sorba, G., Binetruy, C., Leygue, A., Gudwada, S., Lebrun, J.-M., Bertrand, F., Comas-Cardona, S., Jollivet, T.	Squeeze flow in heterogeneous discontinuous viscous woven prepreg laminates: Experimental measurements and 3d modeling	anisotropic fluid, consolidation, squeeze flow, thermoplastic woven prepreg	28, 1, 35-53	https://doi.org/10.3166/RCMA.28.35-53	Sorba, G., Binetruy, C., Leygue, A., Gudwada, S., Lebrun, J.-M., Bertrand, F., Comas-Cardona, S., Jollivet, T. (2018) Squeeze flow in heterogeneous discontinuous viscous woven prepreg laminates: Experimental measurements and 3d modeling. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 1, pp. 35-53. https://doi.org/10.3166/RCMA.28.35-53
158	Mulle, M., Wafai, H., Yudhanto, A., Lubineau, G., Yaldiz, R., Schijve, W., Verghese, N.	Suivi de la fabrication de stratifiés verre/polypropylène par réseaux de Bragg et du comportement thermomécanique induit	fiber bragg gratings, hot-press molding, process monitoring, porosity, tape placement, thermal properties, residual strains, thermoplastics	28, 1, 55-73	https://doi.org/10.3166/RCMA.28.55-73	Mulle, M., Wafai, H., Yudhanto, A., Lubineau, G., Yaldiz, R., Schijve, W., Verghese, N. (2018) Suivi de la fabrication de stratifiés verre/polypropylène par réseaux de Bragg et du comportement thermomécanique induit. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 1, pp. 55-73. https://doi.org/10.3166/RCMA.28.55-73
159	Courtemanche, B., Fouyer, K., Baranski, A.	Influence des propriétés thermiques des pré-imprégnés composites thermoplastiques pour l'enroulement filamentaire laser	infrared thermography, laser winding, online monitoring, porosity, tape placement, thermal properties, thermoplastic composite, thickness	28, 1, 69-88	https://doi.org/10.3166/RCMA.28.69-88	Courtemanche, B., Fouyer, K., Baranski, A. (2018). Influence des propriétés thermiques des pré-imprégnés composites thermoplastiques pour l'enroulement filamentaire laser. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 1, pp. 69-88. https://doi.org/10.3166/RCMA.28.69-88
160	Vicard, C., De Almeida, O., Cantarel, A., Bernhart, G.	Diagramme tit isotherme de la polymérisation anionique du PA6 à partir de l-ε-caprolactame	materials, science	28, 1, 89-110	https://doi.org/10.3166/RCMA.28.89-110	Vicard, C., De Almeida, O., Cantarel, A., Bernhart, G. (2018). Diagramme tit isotherme de la polymérisation anionique du PA6 à partir de l-ε-caprolactame. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 1, pp. 89-110. https://doi.org/10.3166/RCMA.28.89-110
161	Boyard, N., Pignon, B., Sobotka, V., Delaunay, D.	Cinétique de cristallisation en refroidissement rapide et sous pression de polymères thermoplastiques	crystallization, kinetics, rapid cooling, thermoplastics	28, 1, 111-134	https://doi.org/10.3166/RCMA.28.111-134	Boyard, N., Pignon, B., Sobotka, V., Delaunay, D. (2018). Cinétique de cristallisation en refroidissement rapide et sous pression de polymères thermoplastiques. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 28, No. 1, pp. 111-134. https://doi.org/10.3166/RCMA.28.111-134
162	Obcid, H., Clément, A., Fréour, S., Jacquemin, F., Casari, P.	Hygromécanical characterization of glass fiber reinforced polyamide composites behavior [Caractérisation du comportement hygromécanique de composites à matrice polyamide renforcée par des fibres de verre]	coupled hygromechanical problem, hygroscopic expansion, moisture diffusion, multiphysics, multiscale, plasticization, polyamide PA6	27, 3-4, 231-248	https://doi.org/10.3166/rcma.2017.00022	Obcid, H., Clément, A., Fréour, S., Jacquemin, F., Casari, P. (2017). Hygromécanical characterization of glass fiber reinforced polyamide composites behavior. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 3-4, pp. 231-248. https://doi.org/10.3166/rcma.2017.00022
163	Djalili, K.-A.	Study of the impact of the humidity on the tribological holding of sliding contact materials [Étude de l'impact de l'humidité sur la tenue tribologique des matériaux de contact glissant]	aluminum, composite materials, grey font, humidity, steel, tribology, wear	27, 3-4, 249-260	https://doi.org/10.3166/rcma.2017.00021	Djalili, K.-A. (2017). Study of the impact of the humidity on the tribological holding of sliding contact materials. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 3-4, pp. 249-260. https://doi.org/10.3166/rcma.2017.00021
164	Mansouri, K., Djebaili, H., Brioua, M.	The influence of fiber arrangement on the mechanical properties of short fiber reinforced thermoplastic matrix composite	finite element, short fiber, thermoplastic composite	27, 3-4, 261-274	https://doi.org/10.3166/rcma.2017.00027	Mansouri, K., Djebaili, H., Brioua, M. (2017). The influence of fiber arrangement on the mechanical properties of short fiber reinforced thermoplastic matrix composite. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 3-4, pp. 261-274. https://doi.org/10.3166/rcma.2017.00027
165	Tragangoon, A., Patamaprom, B., Renard, J., Gantchenko, V., Cerrillo, X.	Failure criterion for composite structure with an open-hole or bolted joint using characteristic volume approach	bolted assembly, characteristic volume/area, hole woven composite, non-local failure criterion	27, 3-4, 275-300	https://doi.org/10.3166/rcma.2017.00026	Tragangoon, A., Patamaprom, B., Renard, J., Gantchenko, V., Cerrillo, X. (2017). Failure criterion for composite structure with an open-hole or bolted joint using characteristic volume approach. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 3-4, pp. 275-300. https://doi.org/10.3166/rcma.2017.00026
166	Chikr, Y.C.	Study of multiple cracks repair by collage of composite patches [Étude de la réparation des fissures multiples par collage de patches en composite]	adhesive stresses, cracks, displacements, finite elements, interaction, stress intensity factors (SIFS)	27, 3-4, 301-318	https://doi.org/10.3166/rcma.2017.00025	Chikr, Y.C. (2017). Study of multiple cracks repair by collage of composite patches. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 3-4, pp. 301-318. https://doi.org/10.3166/rcma.2017.00025
167	Gantchenko, V., Renard, J.	Characterization of an adhesive bonding. Arcan-Mines test and fracture mechanics results [Caractérisation d'une interface collée. Essai Arcan-Mines et mécanique linéaire de la rupture]	plasticity and rupture criteria, stress intensity factor, structural epoxy adhesive	27, 3-4, 319-334	https://doi.org/10.3166/rcma.2017.00019	Gantchenko, V., Renard, J. (2017). Characterization of an adhesive bonding. Arcan-Mines test and fracture mechanics results. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 3-4, pp. 319-334. https://doi.org/10.3166/rcma.2017.00019
168	Ramdoun, S., Serier, B., Bouafia, F., Fekirini, H.	Numerical analysis of crack behavior subjected to residual stresses in the metal matrix composites [Analyse numérique du comportement de fissure soumise à des contraintes résiduelles dans les composites à matrice métallique]	crack, fiber, localization, matrix, propagation, residual stresses, stress intensity factor	27, 3-4, 335-356	https://doi.org/10.3166/rcma.2017.00024	Ramdoun, S., Serier, B., Bouafia, F., Fekirini, H. (2017). Numerical analysis of crack behavior subjected to residual stresses in the metal matrix composites. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 3-4, pp. 335-356. https://doi.org/10.3166/rcma.2017.00024
169	Mbacke, M.A., Nguyen, T.-L., Ruzyski, P.	Modeling of crash behavior and thermo-stamping process of a thermoplastic composite part	composite, constitutive law, crash, experimental tests, thermo-stamping	27, 3-4, 357-380	https://doi.org/10.3166/rcma.2017.00023	Mbacke, M.A., Nguyen, T.-L., Ruzyski, P. (2017). Modeling of crash behavior and thermo-stamping process of a thermoplastic composite part. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 3-4, pp. 357-380. https://doi.org/10.3166/rcma.2017.00023
170	Boubeker, R., Hecini, M.	Study of the mechanical behavior of orthotropic plates with a centered elliptic hole	composite material, elliptical hole, plates with a hole, stress concentration factor, stress distribution	27, 3-4, 381-398	https://doi.org/10.3166/rcma.2017.00020	Boubeker, R., Hecini, M. (2017). Study of the mechanical behavior of orthotropic plates with a centered elliptic hole. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 3-4, pp. 381-398. https://doi.org/10.3166/rcma.2017.00020

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172	Jalal, N., Zidi, M.	Visco-hyperelastic mechanical characterization of skeletal muscle in compression-relaxation test [Caractérisation mécanique du comportement visco-hyperélastique du muscle squelettique par des essais de relaxation en compression]	compression relaxation test, material parameters identification, skeletal muscle, visco-hyperelasticity	27, 1-2, 31-44	https://doi.org/10.3166/rma.2017.00002	Jalal, N., Zidi, M. (2017). Visco-hyperelastic mechanical characterization of skeletal muscle in compression-relaxation test. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 31-44. https://doi.org/10.3166/rma.2017.00002
173	Djellouli, D., Jalal, N., Bouaricha, A., Bouchelaghem, A., Zidi, M.	Mechanical behavior study of abdominal aortic aneurysm created by the rat xenograft model [Étude du comportement mécanique de l'anévrisme de l'aorte abdominale créé par le modèle de xéno greffe de rat]	abdominal aorta aneurysm, finite element, wall stresses, xenograft rat model	27, 1-2, 45-56	https://doi.org/10.3166/rma.2017.00003	Djellouli, D., Jalal, N., Bouaricha, A., Bouchelaghem, A., Zidi, M. (2017). Mechanical behavior study of abdominal aortic aneurysm created by the rat xenograft model. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 45-56. https://doi.org/10.3166/rma.2017.00003
174	Féréol, S., Fodil, R.	Effect of cholesterol depletion on the viscoelastic properties of alveolar epithelial cells assessed by Atomic Force Microscopy in large deformation [Effet de la déplétion du cholestérol sur les propriétés viscoélastiques des cellules épithéliales alvéolaires évaluées par microscopie à force atomique en grandes déformations]	alveolar epithelial cells, atomic force microscopy, cholesterol, hertz model, viscoelastic properties	27, 1-2, 57-72	https://doi.org/10.3166/rma.2017.00004	Féréol, S., Fodil, R. (2017). Effect of cholesterol depletion on the viscoelastic properties of alveolar epithelial cells assessed by Atomic Force Microscopy in large deformation. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 57-72. https://doi.org/10.3166/rma.2017.00004
175	Harbaoui, R., Znaïdi, A., Nasri, R.	Modeling of titanium alloys by an identification strategy: Biomechanical application [Modélisation des alliages de titane par une stratégie d'identification Application biomécanique]	anisotropy, behavior law, bone prosthesis, material identification, titanium, titanium	27, 1-2, 73-86	https://doi.org/10.3166/rma.2017.00005	Harbaoui, R., Znaïdi, A., Nasri, R. (2017). Modeling of titanium alloys by an identification strategy: Biomechanical application. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 73-86. https://doi.org/10.3166/rma.2017.00005
176	Delaleux, F., Guithéneuf, V., Riou, O., Logerais, P.O., Durastanti, J.F.	Study of the accelerated aging under UV of the ethylene-vinyl acetate copolymer for photovoltaic applications [Étude du vieillissement accéléré sous UV du copolymère éthylène-acétate de vinyle pour des applications photovoltaïques]	aging, EVA, optical transmission, photovoltaic	27, 1-2, 87-96	https://doi.org/10.3166/rma.2017.00010	Delaleux, F., Guithéneuf, V., Riou, O., Logerais, P.O., Durastanti, J.F. (2017). Study of the accelerated aging under UV of the ethylene-vinyl acetate copolymer for photovoltaic applications. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 87-96. https://doi.org/10.3166/rma.2017.00010
177	Essid, N., Eddahak, A., Neji, J.	Étude expérimentale et numérique pour la caractérisation thermique des bétons à changement de phase (BCP)	characterization, experimental device, inverse problems, phase change concretes, specific heat, thermal conductivity	27, 1-2, 97-110	https://doi.org/10.3166/rma.2017.00006	Essid, N., Eddahak, A., Neji, J. (2017). Étude expérimentale et numérique pour la caractérisation thermique des bétons à changement de phase (BCP). <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 97-110. https://doi.org/10.3166/rma.2017.00006
178	Chakhari, M., Hassen, S., Kallel, A.	Residual behavior of Tunisian concretes under the effect of high temperatures [Comportement résiduel des bétons tunisiens sous l'effet des hautes températures]	heating-cooling, high temperatures, loss of residual mass, residual behavior, residual compressive strength	27, 1-2, 111-122	https://doi.org/10.3166/rma.2017.00007	Chakhari, M., Hassen, S., Kallel, A. (2017). Residual behavior of Tunisian concretes under the effect of high temperatures. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 111-122. https://doi.org/10.3166/rma.2017.00007
179	Achour, T., El Euch Khay, S., Jarraya, E., Neji, J.	Combined contribution of experiments and modeling to better understand mechanical properties of concrete [Apports combinés de l'expérimentation et de la modélisation à la compréhension des propriétés mécaniques des bétons]	aggregate, compressive strength, concrete, fillers, tensile strength, theoretical modeling	27, 1-2, 123-136	https://doi.org/10.3166/rma.2017.00008	Achour, T., El Euch Khay, S., Jarraya, E., Neji, J. (2017). Combined contribution of experiments and modeling to better understand mechanical properties of concrete. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 123-136. https://doi.org/10.3166/rma.2017.00008
180	Achour, W.B., El Euch Khay, S., Neji, J.	Characterization and modeling of the concrete with crushed brick waste [Caractérisation et modélisation du béton à base de déchets de briques concassées]	concrete, crushed brick waste, mechanical properties, modeling	27, 1-2, 137-150	https://doi.org/10.3166/rma.2017.00009	Achour, W.B., El Euch Khay, S., Neji, J. (2017). Characterization and modeling of the concrete with crushed brick waste. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 137-150. https://doi.org/10.3166/rma.2017.00009
181	Boussetta, I., Euch Khay, Lecomte, A., Neji, J.	Caractérisation des performances des bétons compactés aux rouleaux à base de granulats recyclés	hyperbolic model, mechanical performances, microscopic observations, reclaimed asphalt pavement, roller compacted concrete	27, 1-2, 151-164	https://doi.org/10.3166/rma.2017.00011	Boussetta, I., Euch Khay, Lecomte, A., Neji, J. (2017). Caractérisation des performances des bétons compactés aux rouleaux à base de granulats recyclés. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 151-164. https://doi.org/10.3166/rma.2017.00011
182	Cherif, R., Eddahak, A., Gabet, T., Hammoum, F., Neji, J.	Prediction of the viscoelastic properties of an asphalt mixture: Micromechanical and experimental approaches [Prédiction des propriétés viscoélastiques des enrobés bitumineux Approches micromécaniques et expérimentales]	asphalt mixture, complex module, GSC, homogenization, viscoelastic	27, 1-2, 165-176	https://doi.org/10.3166/rma.2017.00012	Cherif, R., Eddahak, A., Gabet, T., Hammoum, F., Neji, J. (2017). Prediction of the viscoelastic properties of an asphalt mixture: Micromechanical and experimental approaches. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 165-176. https://doi.org/10.3166/rma.2017.00012
183	Euch Ben Said, Euch Khay, Achour, T., Loulizi, A.	Analyse et modélisation des caractéristiques mécaniques du béton de fraisât	mechanical properties modelling, rap, recycling	27, 1-2, 177-190	https://doi.org/10.3166/rma.2017.00013	Euch Ben Said, Euch Khay, Achour, T., Loulizi, A. (2017). Analyse et modélisation des caractéristiques mécaniques du béton de fraisât. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 177-190. https://doi.org/10.3166/rma.2017.00013
184	Siala, A., Euch Khay, Neji, J.	Contribution of the addition of reclaimed asphalt pavement and dune sand on the hot-mix asphalt performances [Étude de l'apport de l'ajout du sable de dune et du fraisât routier sur le comportement du béton bitumineux]	bituminous concrete, dune sand, mechanical properties, rap, reuse	27, 1-2, 191-208	https://doi.org/10.3166/rma.2017.00014	Siala, A., Euch Khay, Neji, J. (2017). Contribution of the addition of reclaimed asphalt pavement and dune sand on the hot-mix asphalt performances. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 191-208. https://doi.org/10.3166/rma.2017.00014
185	Makni, A., Haouam, A., Favergon, J., Laboche, L., Moulin, G.	Characterization by acoustic emission of the oxides scales obtained on the steel loaded in bending at high temperature under controlled atmosphere [Caractérisation par émission acoustique de la formation des oxydes obtenus sur l'acier sollicité en flexion à haute température sous atmosphère contrôlée]	4-point bending, acoustic emission, hot rolling, oxidation, scale	27, 1-2, 209-226	https://doi.org/10.3166/rma.2017.00015	Makni, A., Haouam, A., Favergon, J., Laboche, L., Moulin, G. (2017). Characterization by acoustic emission of the oxides scales obtained on the steel loaded in bending at high temperature under controlled atmosphere. <i>Revue des Composites et des Matériaux Avancés</i> , Vol. 27, No. 1-2, pp. 209-226. https://doi.org/10.3166/rma.2017.00015