

Theme 3-1: Polymers and Composite Materials - 2021

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
Progress in Bio-Based Phenolic Foams: Synthesis, Properties, and Applications	Sarika, P.R. Nancarrow, P. Khansaheb, A. Ibrahim, T.	ChemBioEng Reviews	8	6	612-632	Journal	Review	
Application of protic ammonium-based ionic liquids with carboxylate anions for phenol extraction from aqueous solution and their cytotoxicity on human cells	Sada Khan, A. Ibrahim, T. Akbar, N. Khamis, M.I. Siddiqui, R. Nancarrow, P. Sabri Mjalli, F. Ahmed Khan, N. Abdel Jabbar, N.	Journal of Molecular Liquids	342	-	-	Journal	Article	
Metal-Organic Frameworks in Membrane of Fuel Cells	Abdelkareem, M.A. Al-Murisi, M. Elsaid, K. Sayed, E.T. Al-Asheh, S. Olabi, A.-G.	Encyclopedia of Smart Materials	-	-	295-305	Book	Chapter	
Durability of Reinforced Concrete Beams Externally Strengthened with CFRP Laminates under Harsh Climatic Conditions	Al Nuaimi, N. Sohail, M.G. Hawileh, R. Abdalla, J.A. Douier, K.	Journal of Composites for Construction	25	2	-	Journal	Article	Hybrid gold
Designing an impact resistant sandwich panel composite using struct based structures	Hassan, N.M. Bahroun, Z. Mohamed, A. Baker, A. Jijakli, K. Saqr, A.	Composite Structures	258	-	-	Journal	Article	
Mechanical properties of melt infiltration and powder metallurgy fabricated aluminum metal matrix composite	Awad, M. Hassan, N.M. Kannan, S.	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	235	13	2093-2107	Journal	Article	
Poly(lactic acid) (PLA) and polyhydroxyalkanoates (PHAs), green alternatives to petroleum-based plastics: a review	Naser, A.Z. Deiab, I. Darras, B.M.	RSC Advances	11	28	17151-17196	Journal	Review	Gold Green
Experimental assessment of temperature effect on open-hole notch sensitivity in woven carbon fiber composites	Elyoussef, M. Abuzaid, W. Alkhader, M.	Archive of Applied Mechanics	91	4	1273-1290	Journal	Article	