

Theme 3-5: Advanced and Functional Materials - 2019

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
Experimental characterization of gas-liquid flows in splitting distributor for parallel micro-channels	Tiwari, A. Maheshwari, A. Rajesh, V.M. Singh, K.B.	Chemical Engineering Journal	377	-	-	Journal	Article	
Formulation of heat conduction and thermal conductivity of metals	Chebbi, R.	Open Physics	17	1	276-280	Journal	Article	Gold
Design of bending dominated lattice architectures with improved stiffness using hierarchy	Alkhader, M. Nazzal, M. Louca, K.	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	233	11	3976-3993	Journal	Article	
In-plane elastic wave propagation in aluminum honeycomb cores fabricated by bonding corrugated sheets	Ahmed, A. Alkhader, M. Abu-Nabah, B.	Journal of Sandwich Structures and Materials	21	8	2949-2974	Journal	Article	
Shear strength of lightweight concrete beams without web reinforcement	El Shazly, M. Yehia, S. Abuzaid, W.	FIB 2018 - Proceedings for the 2018 fib Congress: Better, Smarter, Stronger	-	-	1755-1760	Conference Proceeding	Conference Paper	