

Theme 6-7: Thermofluids and Combustion - 2022

Title	Authors	Scopus Source title	Volume	Issue	Pages	Publication type
Dissolution of oil in water in the viscous-gravity stage of oil spreading	Chebji, R.	Environmental Fluid Mechanics	22	1	189-202	Article
Numerical and sensitivity analyses of various design parameters to maximize performance of a Vortex Tube	Alsaghir, A.M. Hamdan, M.O. Orhan, M.F. Awad, M.	International Journal of Thermofluids	13	-	-	Article
An overview of regenerative braking systems	Hamada, A.T. Orhan, M.F.	Journal of Energy Storage	52	-	-	Review
Assessment of Expansion Cooling as an Auxiliary Process With Compressed Air Energy Storage Systems	Al-Rashid, R. Yassin, A. Orhan, M. Alami, A.H.	2022 Advances in Science and Engineering Technology International Conferences, ASET 2022	-	-	-	Conference Paper
Melting performance of a composite bio-based phase change material: An experimental evaluation of copper foam pore size	Sheikh, Y. Orhan, M.F. Azmeer, A.	International Journal of Thermofluids	16	-	-	Article
Variation in cooling performance of a bio-based phase change material by adding graphene nanoplatelets with surfactants	Sheikh, Y. Orhan, M.F. Umair, M. Mehaisi, E. Azmeer, A.	International Journal of Thermofluids	16	-	-	Article
A comparative study of metal-organic frameworks for mercury detection in competitive aqueous environment	ElTaher, B.J. Sabouni, R. Ghommem, M. Alami, A.H.	International Journal of Environmental Science and Technology	19	12	12193-12210	Article
Fluid properties impact on energy separation in Ranque-Hilsch vortex tube	Alsaghir, A. Hamdan, M.O. Orhan, M.F.	SN Applied Sciences	4	8	-	Article