KING KHALID UNIVERSITY
COLLEGE OF ENGINEERING – DEPARTMENT OF MECHANICAL ENGINEERING

Publication List -2022- Department of Mechanical Engineering
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1. Alqahtani, Talal" Enhancement of the metal hydride hydraulic pump efficiency by integrating a phase change material INTERNATIONAL JOURNAL OF ENERGY RESEARCH OCT 252022 46 13 18120 18133 10.1002/er.8431
2. "Rajhi, Ali A.; Alamri, Sagr; Ebadi, Ghaffar" "RETRACTED: A density functional theory investigation on the Au-decorated zinc oxide nanosheet as a chemical sensor for mesalamine drug detection (Retracted article. See vol. 97, 2022)" PHYSICA SCRIPTA APR 1 2022 97 4 10.1088/1402-4896/ac51c7
3. "Rajhi, Ali A." Mechanical Characterization of Hybrid Nano-Filled Glass/Epoxy Composites POLYMERS NOV 2022 14 22 10.3390/polym14224852
4. "Anqi, Ali E." The use of staggered grid in numerical solution of nanofluid convection within a rectangular chamber with semicircular fins and the use of artificial neural networks in optimizing dimensionless numbers ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS JAN 2023 146 418 435 10.1016/j.enganabound.2022.11.001
5. "Rajhi, Ali A.; Alamri, Sagr" Density functional theory investigation to surface modification of boron nitride nanotubes JOURNAL OF MOLECULAR MODELING FEB 2022 28 2 10.1007/s00894-022-05039-5
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