

Theme 3-5: Advanced and Functional Materials - 2020

| Title | Authors | Scopus Source title | Volume | Issue | Pages | Source type | Publication type |
|---|---|--|--------|-------|-----------|-----------------------|------------------|
| Novel composite membranes based on polyaniline /ionic liquids for pem fuel cells applications | Eisa, A. Al-Othman, A. Al-Sayah, M. Tawalbeh, M. | Key Engineering Materials | 865 | - | 55-60 | Book Series | Conference Paper |
| Irrigation System and COVID-19 Recurrence: A Potential Risk Factor in the Transmission of SARS-CoV-2 | Siddiqui, R. Khamis, M. Ibrahim, T. Khan, N.A. | ACS Chemical Neuroscience | 11 | 19 | 2903-2905 | Journal | Review |
| Synthesis and Characterization of Polycrystalline Copper Iodide (CuI) Thin Films | Alami, A.H. Aokal, K. Tawalbeh, M. Faraj, M. Majeed, A. Salameh, T. Zhang, D. Al-Othman, A. | 2020 Advances in Science and Engineering Technology International Conferences, ASET 2020 | - | - | - | Conference Proceeding | Conference Paper |
| Localized strain fields in honeycomb materials with convex and concaved cells | Alkhader, M. Abuzaid, W. Elyoussef, M. Al-Adaileh, S. | European Journal of Mechanics, A/Solids | 80 | - | - | Journal | Article |
| Computational modeling of through-thickness flow and pressure drop characteristics in woven matrix porous media | Zhi, Z. Chen, H. Longtin, J.P. Alkhader, M. Venkatesh, T.A. | International Journal of Modelling and Simulation | 40 | 3 | 163-183 | Journal | Article |
| Effect of hierarchical features on the critical buckling strength of periodic cellular solids | Al Tamimi, N. Alkhader, M. Ali, B. Nazzal, M. | 2020 Advances in Science and Engineering Technology International Conferences, ASET 2020 | - | - | - | Conference Proceeding | Conference Paper |