# Umer Younis

## List of Publications by Citations



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|---|---|---|---|
| 12 papers | 109 citations | 8 h-index | 10 g-index |
| 13 ext. papers | 177 ext. citations | 6.4 avg, IF | 3.23 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 12 | Improvement of the interfacial contact between zinc oxide and a mixed cation perovskite using carbon nanotubes for ambient-air-processed perovskite solar cells. *New Journal of Chemistry*, **2020**, 44, 19802-19811 | 3.6 | 19 |
| 11 | Design of tetracene-based metallic 2D carbon materials for Na- and K-Ion batteries. *Applied Surface Science*, **2020**, 521, 146456 | 6.7 | 16 |
| 10 | Graphdiyne-Based Monolayers as Promising Anchoring Materials for Lithium–Sulfur Batteries: A Theoretical Study. *Advanced Theory and Simulations*, **2020**, 3, 1900236 | 3.5 | 13 |
| 9 | Three-dimensional porous phosphorus-graphdiyne as a universal anode material for both K- and Ca-ion batteries with high performance. *Journal of Power Sources*, **2020**, 480, 228876 | 8.9 | 13 |
| 8 | Tuning the Properties of Tetracene-Based Nanoribbons by Fluorination and N-Doping. *ChemPhysChem*, **2019**, 20, 2799-2805 | 3.2 | 8 |
| 7 | A BN analog of two-dimensional triphenylene-graphdiyne: stability and properties. *Nanoscale*, **2019** , 11, 9000-9007 | 7.7 | 8 |
| 6 | A stable metallic 3D porous BPC2 as a universal anode material for Li, Na, and K ion batteries with high performance. *Journal of Materials Chemistry A*, **2020**, 8, 25824-25830 | 13 | 8 |
| 5 | Assembling SiBN nanoribbons into a 3D porous structure as a universal anode material for both Li- and Na-ion batteries with high performance. *Nanoscale*, **2020**, 12, 19367-19374 | 7.7 | 8 |
| 4 | Borophene-Based Three-Dimensional Porous Structures as Anode Materials for Alkali Metal-Ion Batteries with Ultrahigh Capacity. *Chemistry of Materials*, **2021**, 33, 2976-2983 | 9.6 | 7 |
| 3 | Three-dimensional porous borocarbonitride BC2N with negative Poisson's ratio. *Journal of Materials Chemistry C*, **2020**, 8, 15771-15777 | 7.1 | 3 |
| 2 | Two-dimensional metallic pentadiamond as anode material for Li-/Na-/K-ion batteries with high performance. *Materials Today Energy*, **2021**, 20, 100664 | 7 | 3 |
| 1 | Triphenylene and tetracene based porous sheet: Stability and electronic properties. *Computational Materials Science*, **2020**, 176, 109529 | 3.2 | 2 |