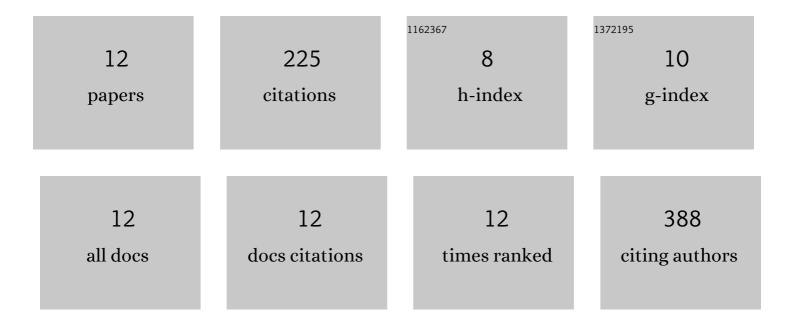
Kamalika Ghatak

List of Publications by Year in descending order

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Κληλιική Οματάκ

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Two-dimensional materials and its heterostructures for energy storage. , 2020, , 385-401. | | 1 |
| 2 | Atomistic modeling by density functional theory of two-dimensional materials. , 2020, , 113-123. | | 4 |
| 3 | Controlled edge dependent stacking of WS2-WS2 Homo- and WS2-WSe2 Hetero-structures: A Computational Study. Scientific Reports, 2020, 10, 1648. | 1.6 | 19 |
| 4 | The inherent behavior of graphene flakes in water: A molecular dynamics study. Computational Materials Science, 2019, 162, 140-147. | 1.4 | 7 |
| 5 | Utilizing van der Waals Slippery Interfaces to Enhance the Electrochemical Stability of Silicon Film Anodes in Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 13442-13451. | 4.0 | 48 |
| 6 | Amorphous germanium as a promising anode material for sodium ion batteries: a first principle study. Journal of Materials Science, 2018, 53, 14423-14434. | 1.7 | 23 |
| 7 | Effect of cobalt content on the electrochemical properties and structural stability of NCA type cathode materials. Physical Chemistry Chemical Physics, 2018, 20, 22805-22817. | 1.3 | 27 |
| 8 | Computational investigation on the catalytic activity of Rh6 and Rh4Ru2 clusters towards methanol activation. Theoretical Chemistry Accounts, 2015, 134, 1. | 0.5 | 10 |
| 9 | Metal or Nonmetal Cooperation with a Phenyl Group: Route to Catalysis? A Computational Investigation. ACS Catalysis, 2013, 3, 920-927. | 5.5 | 21 |
| 10 | Exploring the Potential of Doped Zero-Dimensional Cages for Proton Transfer in Fuel Cells: A Computational Study. Journal of Physical Chemistry B, 2012, 116, 9803-9811. | 1.2 | 3 |
| 11 | Scandium-Decorated MOF-5 as Potential Candidates for Room-Temperature Hydrogen Storage: A Solution for the Clustering Problem in MOFs. Journal of Physical Chemistry C, 2012, 116, 17336-17342. | 1.5 | 50 |
| 12 | A computational investigation of the role of the iridium dihydrogen pincer complex in the formation of the cyclic pentamer (NH2BH2)5. Computational and Theoretical Chemistry, 2012, 992, 18-29. | 1.1 | 12 |