

Barun Dhara

List of Publications by Year in descending order

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17
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Supramolecular Fullerene Tetramers Concocted with Porphyrin Boxes Enable Efficient Charge Separation and Delocalization. <i>Journal of the American Chemical Society</i> , 2020, 142, 12596-12601. | 13.7 | 35 |
| 2 | Solution-Processable, Crystalline π -Conjugated Two-Dimensional Polymers with High Charge Carrier Mobility. <i>Chem</i> , 2020, 6, 2035-2045. | 11.7 | 44 |
| 3 | Achieving current rectification ratios $> 10^5$ across thin films of coordination polymer. <i>Chemical Science</i> , 2019, 10, 10040-10047. | 7.4 | 12 |
| 4 | Effect of Cyano Substitution on the Step-Edge Adsorption of Copper Phthalocyanine on Au(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 11848-11854. | 3.1 | 7 |
| 5 | Enhancing Intermolecular Interaction by Cyano Substitution in Copper Phthalocyanine. <i>Journal of Physical Chemistry C</i> , 2018, 122, 429-437. | 3.1 | 8 |
| 6 | Stable Red Emission from Nanosheets of Molecularly Doped Hexagonal Boron Nitride. <i>Journal of Physical Chemistry C</i> , 2018, 122, 21076-21082. | 3.1 | 6 |
| 7 | Diamagnetic Molecules Exhibiting Room-Temperature Ferromagnetism in Supramolecular Aggregates. <i>Journal of Physical Chemistry C</i> , 2017, 121, 12159-12167. | 3.1 | 13 |
| 8 | Giant Enhancement of Carrier Mobility in Bimetallic Coordination Polymers. <i>ACS Omega</i> , 2017, 2, 4488-4493. | 3.5 | 9 |
| 9 | Selective Sensing of Metal Ions and Nitro Explosives by Efficient Switching of Excimer-to-Monomer Emission of an Amphiphilic Pyrene Derivative. <i>ACS Omega</i> , 2016, 1, 371-377. | 3.5 | 29 |
| 10 | Increase in Electrical Conductivity of MOF to Billion-Fold upon Filling the Nanochannels with Conducting Polymer. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2945-2950. | 4.6 | 127 |
| 11 | Possible Room-Temperature Ferromagnetism in Self-Assembled Ensembles of Paramagnetic and Diamagnetic Molecular Semiconductors. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4988-4995. | 4.6 | 17 |
| 12 | Highly Hydrophobic and Chemically Rectifiable Surface-Anchored Metal-Organic Framework Thin-Film Devices. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500738. | 3.7 | 29 |
| 13 | Coordination polymers of Fe(III) and Al(III) ions with TCA ligand: distinctive fluorescence, CO ₂ uptake, redox-activity and oxygen evolution reaction. <i>Dalton Transactions</i> , 2016, 45, 6901-6908. | 3.3 | 17 |
| 14 | Enhancing the thermopower and tuning the resistivity in Bi ₂ Se ₃ with Fe-doping. <i>Chemical Physics Letters</i> , 2015, 638, 94-98. | 2.6 | 17 |
| 15 | Nanofibers to nanocuboids of polyaniline by lead nitrate: hierarchical self-assembly with lead ions. <i>RSC Advances</i> , 2014, 4, 9851. | 3.6 | 8 |
| 16 | Redox-Induced Photoluminescence of Metal-Organic Coordination Polymer Gel. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19287-19293. | 3.1 | 15 |
| 17 | In situ generation of conducting polymer in a redox-active metal-organic gel. <i>RSC Advances</i> , 2013, 3, 4909. | 3.6 | 13 |