

Sandipan Roy

List of Publications by Year in descending order

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papers

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur and nitrogen co-doped holey graphene aerogel for structurally resilient solid-state supercapacitors under high compressions. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17253-17266.	10.3	68
2	A Photoswitchable and Photoluminescent Organic Semiconductor Based On Cation-π and Carboxylate-π Pyridinium Interactions: A Supramolecular Approach. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12012-12015.	13.8	64
3	Multifunctional White-Light-Emitting Metal-Organic Gels with a Sensing Ability of Nitrobenzene. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11493-11501.	8.0	63
4	Collectively Exhaustive Electrodes Based on Covalent Organic Framework and Antagonistic Co-Doping for Electroactive Ionic Artificial Muscles. <i>Advanced Functional Materials</i> , 2019, 29, 1900161.	14.9	56
5	High Catalytic Performance of MIL-101 Immobilized NiRu Alloy Nanoparticles towards the Hydrolytic Dehydrogenation of Ammonia Borane. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4353-4357.	2.0	51
6	Highly Bendable Ionic Soft Actuator Based on Nitrogen-Enriched 3D Hetero-Nanostructure Electrode. <i>Advanced Functional Materials</i> , 2018, 28, 1802464.	14.9	51
7	Cocrystal and Salts of 2,2',6,6'-Tetracarboxybiphenyl with Bis(pyridyl) Derivatives: Eight-fold Interpenetrated Diamondoid and Layered Networks. <i>Crystal Growth and Design</i> , 2009, 9, 5006-5008.	3.0	47
8	Mechanochemical Synthesis of a New Triptycene-Based Imine-Linked Covalent Organic Polymer for Degradation of Organic Dye. <i>Crystal Growth and Design</i> , 2019, 19, 2525-2530.	3.0	46
9	Silver Coordination Polymers Based on Newly Designed Bis(cyanobenzyl)bipiperidine Ligand: Synthesis, Anion Exchange, Guest Inclusion, Electrochemical, and Photoluminescence Properties. <i>Crystal Growth and Design</i> , 2016, 16, 2814-2825.	3.0	40
10	Coordination Polymers Containing Tubular, Layered, and Diamondoid Networks: Redox, Luminescence, and Electron Paramagnetic Resonance Activities. <i>Crystal Growth and Design</i> , 2015, 15, 5604-5613.	3.0	35
11	Electroionic Antagonistic Muscles Based on Nitrogen-Doped Carbons Derived from Poly(Triazine-Triptycene). <i>Advanced Science</i> , 2017, 4, 1700410.	11.2	30
12	Graphene-Templated Cobalt Nanoparticle Embedded Nitrogen-Doped Carbon Nanotubes for Efficient Visible-Light Photocatalysis. <i>Crystal Growth and Design</i> , 2020, 20, 4627-4639.	3.0	30
13	Metal-Organic Framework-Derived Graphitic Nanoribbons Anchored on Graphene for Electroionic Artificial Muscles. <i>Advanced Functional Materials</i> , 2020, 30, 1910326.	14.9	27
14	Cathode materials for rechargeable lithium batteries: Recent progress and future prospects. <i>Journal of Energy Storage</i> , 2022, 47, 103534.	8.1	25
15	Design, Synthesis, and Photoluminescence Properties of One-, Two-, and Three-Dimensional Coordination Polymers: Anion-Assisted Argentophilic Interactions as Building Blocks. <i>Crystal Growth and Design</i> , 2014, 14, 5164-5170.	3.0	23
16	Two-Component Supramolecular Organic Hosts as Colorimetric Indicators for Aromatic Guests: Visual Molecular Recognition via Cation-π Interactions. <i>Crystal Growth and Design</i> , 2011, 11, 4120-4128.	3.0	22
17	Separation of isomers of sulfophthalic acid by guest induced host framework formation with 4,4'-bipyridine. <i>Chemical Communications</i> , 2011, 47, 6614.	4.1	17
18	Exploration of Salts and Cocrystals of 2,2',6,6'-Tetracarboxybiphenyl with Acetic Acid, Monobasic and Dibasic N-Heterocycles, and N-Oxides. <i>Crystal Growth and Design</i> , 2013, 13, 3232-3241.	3.0	16

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19	Supramolecular organic frameworks (SOFs) of tetrakis(4-hydroxyphenyl)porphyrin with efficient guest inclusion. <i>CrystEngComm</i> , 2016, 18, 3372-3382.	2.6	16
20	Coordination Polymers of Silver(I) with the Flexible Tritopic Ligand 1,3,5-Tri(4-cyanophenoxy)benzene: Guest Inclusion and Luminescent Properties. <i>Australian Journal of Chemistry</i> , 2013, 66, 436.	0.9	4
21	Crystal engineering with isosteric triether and triamine linked aromatic tri-carboxylic acids: iso-structurality and synthon interplay in their co-crystals and salts with bis(pyridyl) derivatives. <i>New Journal of Chemistry</i> , 2018, 42, 19953-19962.	2.8	4
22	Electroionic Artificial Muscles: Metal-Organic Framework-Derived Graphitic Nanoribbons Anchored on Graphene for Electroionic Artificial Muscles (<i>Adv. Funct. Mater.</i> 29/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070195.	14.9	4
23	Artificial Muscles: Electroionic Antagonistic Muscles Based on Nitrogen-Doped Carbons Derived from Poly(Triazine-Triptycene) (<i>Adv. Sci.</i> 12/2017). <i>Advanced Science</i> , 2017, 4, 1770062.	11.2	2
24	Inside Cover: High Catalytic Performance of MIL-101-Immobilized NiRu Alloy Nanoparticles towards the Hydrolytic Dehydrogenation of Ammonia Borane (<i>Eur. J. Inorg. Chem.</i> 27/2016). <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4530-4530.	2.0	0