

Sanjoy Mukherjee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

1,967
citations

22
h-index

44
g-index

57
ext. papers

2,294
ext. citations

5.2
avg. IF

5.8
L-index

#	Paper	IF	Citations
52	Yielding Behavior of Bottlebrush and Linear Block Copolymers. <i>Macromolecules</i> , 2021 , 54, 5636-5647	5.5	2
51	Redox-Active Polymeric Ionic Liquids with Pendant N-Substituted Phenothiazine. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 5319-5326	9.5	1
50	Origins of Lithium/Sodium Reverse Permeability Selectivity in 12-Crown-4-Functionalized Polymer Membranes.. <i>ACS Macro Letters</i> , 2021 , 10, 1167-1173	6.6	3
49	Engineering Li/Na selectivity in 12-Crown-4-functionalized polymer membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	13
48	Universal Approach to Photo-Crosslink Bottlebrush Polymers. <i>Macromolecules</i> , 2020 , 53, 1090-1097	5.5	22
47	Efficient Synthesis of Asymmetric Miktoarm Star Polymers. <i>Macromolecules</i> , 2020 , 53, 702-710	5.5	20
46	Room temperature 3D printing of super-soft and solvent-free elastomers. <i>Science Advances</i> , 2020 , 6,	14.3	28
45	Super-soft solvent-free bottlebrush elastomers for touch sensing. <i>Materials Horizons</i> , 2020 , 7, 181-187	14.4	33
44	Tuning the interfacial and energetic interactions between a photoexcited conjugated polymer and open-shell small molecules. <i>Soft Matter</i> , 2019 , 15, 1413-1422	3.6	2
43	Renaissance of Organic Triboluminescent Materials. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7922-7932	16.4	49
42	Renaissance of Organic Triboluminescent Materials. <i>Angewandte Chemie</i> , 2019 , 131, 8004-8014	3.6	7
41	Radical Polymers Alter the Carrier Properties of Semiconducting Carbon Nanotubes. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 204-210	4.3	3
40	Ferrocene conjugated copper(II) complexes of terpyridine and traditional Chinese medicine (TCM) anticancer ligands showing selective toxicity towards cancer cells. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4287	3.1	16
39	Organoborane Donor-Acceptor Materials 2018 , 27-45		4
38	Stable Radical Materials for Energy Applications. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2018 , 9, 83-103	8.9	34
37	Cholesterol: A Key in the Pathogenesis of Alzheimer's Disease. <i>ChemMedChem</i> , 2018 , 13, 1742-1743	3.7	7
36	Highly Transparent Crosslinkable Radical Copolymer Thin Film as the Ion Storage Layer in Organic Electrochromic Devices. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 18956-18963	9.5	25

35	Energetic Microparticle Adhesion to Functionalized Surfaces. <i>Propellants, Explosives, Pyrotechnics</i> , 2018 , 43, 862-868	1.7	2
34	A Complementary Aggregation Induced Emission Pair for Generating White Light and Four-Colour (RGB and Near-IR) Cell Imaging. <i>ChemPhotoChem</i> , 2017 , 1, 78-78	3.3	
33	Organic Radical Polymers. <i>SpringerBriefs in Materials</i> , 2017 ,	0.5	16
32	Design of a three-state switchable chromogenic radical-based moiety and its translation to molecular logic systems. <i>Molecular Systems Design and Engineering</i> , 2017 , 2, 159-164	4.6	7
31	A Complementary Aggregation Induced Emission Pair for Generating White Light and Four-Colour (RGB and Near-IR) Cell Imaging. <i>ChemPhotoChem</i> , 2017 , 1, 84-88	3.3	7
30	Novel mitochondria targeted copper(ii) complexes of ferrocenyl terpyridine and anticancer active 8-hydroxyquinolines showing remarkable cytotoxicity, DNA and protein binding affinity. <i>Dalton Transactions</i> , 2017 , 46, 396-409	4.3	71
29	Enhancing polymer thermoelectric performance using radical dopants. <i>Organic Electronics</i> , 2017 , 51, 243-248	3.5	13
28	Radical polymers as interfacial layers in inverted hybrid perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 23831-23839	13	32
27	Controlling open-shell loading in norbornene-based radical polymers modulates the solid-state charge transport exponentially. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 1516-1525	2.6	16
26	Fabrication of silver nanostructures using femtosecond laser-induced photoreduction. <i>Nanotechnology</i> , 2017 , 28, 505302	3.4	14
25	Applications of Radical Polymers in Solid-State Devices. <i>SpringerBriefs in Materials</i> , 2017 , 57-71	0.5	1
24	Stimuli and shape responsive Boron-containing luminescent organic materials. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2647-2662	7.1	133
23	Visible light-induced cytotoxicity of a dinuclear iron(III) complex of curcumin with low-micromolar IC50 value in cancer cells. <i>Inorganica Chimica Acta</i> , 2016 , 439, 8-17	2.7	31
22	Photocytotoxic ternary copper(II) complexes of histamine Schiff base and pyridyl ligands. <i>Journal of Chemical Sciences</i> , 2016 , 128, 165-175	1.8	13
21	Mitochondrial selectivity and remarkable photocytotoxicity of a ferrocenyl neodymium(III) complex of terpyridine and curcumin in cancer cells. <i>Dalton Transactions</i> , 2016 , 45, 6424-38	4.3	32
20	Boron clusters in luminescent materials. <i>Chemical Communications</i> , 2016 , 52, 1070-93	5.8	215
19	Frustrated Lewis pairs: Design and reactivity. <i>Journal of Chemical Sciences</i> , 2015 , 127, 241-255	1.8	4
18	Panchromatic Borane-za-BODIPY Conjugate: Synthesis, Intriguing Optical Properties, and Selective Fluorescent Sensing of Fluoride Anions. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2338-2344	2.3	22

17	Effect of alkyl substituents in BODIPYs: a comparative DFT computational investigation. <i>RSC Advances</i> , 2015 , 5, 2706-2714	3.7	20
16	Photoinduced DNA Crosslink Formation by Dichloridooxidovanadium(IV) Complexes of Polypyridyl Bases. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3986-3990	2.3	9
15	Recent advances in purely organic phosphorescent materials. <i>Chemical Communications</i> , 2015 , 51, 10988-10993	5.1	322
14	Insights into the AIEE of 1,8-naphthalimides (NPIs): inverse effects of intermolecular interactions in solution and aggregates. <i>Chemistry - A European Journal</i> , 2014 , 20, 8012-23	4.8	56
13	Fine-tuning solid-state luminescence in NPIs (1,8-naphthalimides): impact of the molecular environment and cumulative interactions. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 20866-77	3.6	27
12	Going beyond red with a tri- and tetracoordinate boron conjugate: intriguing near-IR optical properties and applications in anion sensing. <i>Inorganic Chemistry</i> , 2014 , 53, 2343-5	5.1	35
11	Design Aspects of Luminescent Organic Crystals. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2014 , 84, 131-149	0.9	16
10	Multichannel-emissive V-shaped boryl-BODIPY dyads: synthesis, structure, and remarkably diverse response toward fluoride. <i>Inorganic Chemistry</i> , 2014 , 53, 4813-23	5.1	55
9	Fine-tuning dual emission and aggregation-induced emission switching in NPI-BODIPY dyads. <i>Chemistry - A European Journal</i> , 2014 , 20, 9052-62	4.8	42
8	Organic white-light emitting materials. <i>Dyes and Pigments</i> , 2014 , 110, 2-27	4.6	203
7	Dual binding site assisted chromogenic and fluorogenic recognition and discrimination of fluoride and cyanide by a peripherally borylated metalloporphyrin: overcoming anion interference in organoboron based sensors. <i>Analytical Chemistry</i> , 2014 , 86, 3616-24	7.8	69
6	Frustrated Lewis Pairs 2014 , 19, 1017-1027		1
5	Tuning the solid state emission of meso-Me ₃ SiC ₆ H ₄ BODIPYs by tuning their solid state structure. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4691	7.1	21
4	Revisiting Borylanilines: Unique Solid-State Structures and Insight into Photophysical Properties. <i>Organometallics</i> , 2013 , 32, 3129-3133	3.8	37
3	Molecular flexibility tuned emission in "V" shaped naphthalimides: Hg(II) detection and aggregation-induced emission enhancement (AIEE). <i>Chemical Communications</i> , 2013 , 49, 7292-4	5.8	74
2	Dual emissive borane-BODIPY dyads: molecular conformation control over electronic properties and fluorescence response towards fluoride ions. <i>Chemical Communications</i> , 2013 , 49, 993-5	5.8	80
1	Synthesis and spectral characterization of cyclotriphosphazene based 18-membered macrocycles. <i>Inorganica Chimica Acta</i> , 2012 , 390, 163-166	2.7	1