Shreyam Chatterjee

List of Publications by Year
in descending order

23 papers	403 citations	1051969 10 h-index	843174 20 g-index
24 all docs	24 docs citations	24 times ranked	667 citing authors

#	Article	IF	Citations
1	Excited states engineering enables efficient near-infrared lasing in nanographenes. Materials Horizons, 2022, 9, 393-402.	6.4	12
2	Innentitelbild: Dianion and Dication of Tetracyclopentatetraphenylene as Decoupled Annuleneâ€withinâ€anâ€Annulene Models (Angew. Chem. 6/2022). Angewandte Chemie, 2022, 134, .	1.6	0
3	Dianion and Dication of Tetracyclopentatetraphenylene as Decoupled Annuleneâ€withinâ€anâ€Annulene Models. Angewandte Chemie, 2022, 134, .	1.6	0
4	Dianion and Dication of Tetracyclopentatetraphenylene as Decoupled Annuleneâ€withinâ€anâ€Annulene Models. Angewandte Chemie - International Edition, 2022, 61, .	7.2	7
5	Power of an Organic Electron Acceptor in Modulation of Intracellular Mitochondrial Reactive Oxygen Species: Inducing JNK- and Caspase-Dependent Apoptosis of Cancer Cells. ACS Omega, 2021, 6, 7815-7828.	1.6	2
6	A Small Molecule with Bridged Carbonyl and Triâ€fluoroâ€acetoâ€phenone Groups Impedes Microtubule Dynamics and Subsequently Triggers Cancer Cell Apoptosis. ChemMedChem, 2021, 16, 2703-2714.	1.6	1
7	Nonfullerene acceptors for P3HT-based organic solar cells. Journal of Materials Chemistry A, 2021, 9, 18857-18886.	5.2	48
8	Correlation between the Dipole Moment of Nonfullerene Acceptors and the Active Layer Morphology of Green-Solvent-Processed P3HT-Based Organic Solar Cells. ACS Sustainable Chemistry and Engineering, 2020, 8, 19013-19022.	3.2	10
9	[2.2.2.2](2,7)â€1â€Bromonaphthalenophane from a Desymmetrized Building Block Bearing Electrophilic and Masked Nucleophilic Functionalities. Helvetica Chimica Acta, 2019, 102, e1800242.	1.0	1
10	9,10-Dihydro-as-indacenodithiophenes: Isomers with an as-Indacene Core. Journal of Organic Chemistry, 2019, 84, 3927-3939.	1.7	1
11	Fluorinated naphtho[1,2-c:5,6-câ€™]bis[1,2,5]thiadiazole-containing ï€-conjugated compound: synthesis, properties, and acceptor applications in organic solar cells. NPG Asia Materials, 2018, 10, 1016-1028.	3.8	19
12	Naphtho[1,2-c:5,6-câ€²]bis[1,2,5]thiadiazole-Based Nonfullerene Acceptors: Effect of Substituents on the Thiophene Unit on Properties and Photovoltaic Characteristics. ACS Omega, 2018, 3, 5814-5824.	1.6	5
13	Influence of Terminal Imide Units on Properties and Photovoltaic Characteristics for Benzothiadiazole-based Nonfullerene Acceptors. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2017, 30, 557-560.	0.1	6
14	Naphtho[1,2â€c:5,6â€câ€²]bis[1,2,5]thiadiazoleâ€Containing Ïâ€Conjugated Compound: Nonfullerene Electron Acceptor for Organic Photovoltaics. Advanced Functional Materials, 2016, 26, 1161-1168.	7.8	46
15	Solar Cells: Naphtho[1,2â€c:5,6â€câ€²]bis[1,2,5]thiadiazoleâ€Containing Ïâ€Conjugated Compound: Nonfullerene Electron Acceptor for Organic Photovoltaics (Adv. Funct. Mater. 8/2016). Advanced Functional Materials, 2016, 26, 1304-1304.	7.8	1
16	Dye-sensitized solar cell from polyanilineâ€“ZnS nanotubes and its characterization through impedance spectroscopy. Physical Chemistry Chemical Physics, 2014, 16, 20079-20088.	1.3	32
17	Poly[3-(2-hydroxyethyl)-2,5-thienylene] grafted reduced graphene oxide: an efficient alternate material of TiO2 in dye sensitized solar cells. Chemical Communications, 2013, 49, 4646.	2.2	24
18	Nanochannel morphology of polypyrroleâ€“ZnO nanocomposites towards dye sensitized solar cell application. Journal of Materials Chemistry A, 2013, 1, 12302.	5.2	41

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19	Changing the morphology of polyaniline from a nanotube to a flat rectangular nanopipe by polymerizing in the presence of amino-functionalized reduced graphene oxide and its resulting increase in photocurrent. Carbon, 2013, 52, 509-519.	5.4	69
20	Tuning of the morphology of a riboflavinâ€“melamine equimolar supramolecular assembly by in situ silver nanoparticle formation. Chemical Communications, 2011, 47, 11510.	2.2	35
21	Mechanism of polypyrrole and silver nanorod formation in lauric acidâ€“cetyl trimethyl ammonium bromide coacervate gel template: Physical and conductivity properties. Synthetic Metals, 2011, 161, 62-71.	2.1	27
22	Nanocomposites of silver nanoparticle and dinonylnaphthalene disulfonic acidâ€doped thermoreversible polyaniline gel. Polymer Engineering and Science, 2010, 50, 446-454.	1.5	12
23	Viscoelastic and conductivity properties of thermoreversible polyanilineâ€“DNNSA gel in m-cresol. Synthetic Metals, 2010, 160, 1733-1739.	2.1	4