Surya Prakash Singh

List of Publications by Year
in descending order

130 papers	3,587 citations	147801 31 h-index	175258 52 g-index
131 all docs	131 docs citations	131 times ranked	5369 citing authors

#	Article	IF	Citations
1	Evolution of BODIPY Dyes as Potential Sensitizers for Dyeâ€Sensitized Solar Cells. European Journal of Organic Chemistry, 2014, 2014, 4689-4707.	2.4	189
2	Conductive silver inks and their applications in printed and flexible electronics. RSC Advances, 2015, 5, 77760-77790.	3.6	162
3	Copper conductive inks: synthesis and utilization in flexible electronics. RSC Advances, 2015, 5, 63985-64030.	3.6	148
4	Carbon Dots: The Newest Member of the Carbon Nanomaterials Family. Chemical Record, 2015, 15, 595-615.	5.8	108
5	Donor-Ï€â€“Acceptor Based Stable Porphyrin Sensitizers for Dye-Sensitized Solar Cells: Effect of Ï€-Conjugated Spacers. Journal of Physical Chemistry C, 2017, 121, 6464-6477.	3.1	101
6	Impact of end groups on the performance of non-fullerene acceptors for organic solar cell applications. Journal of Materials Chemistry A, 2019, 7, 22701-22729.	10.3	98
7	Synthesis of Carbon Dots from Kitchen Waste: Conversion of Waste to Value Added Product. Journal of Fluorescence, 2014, 24, 1767-1773.	2.5	94
8	Perovskite solar cells based on small molecule hole transporting materials. Journal of Materials Chemistry A, 2015, 3, 18329-18344.	10.3	88
9	Enhanced Lightâ€Harvesting Capability of a Panchromatic Ru(II) Sensitizer Based on Ï€â€Extended Terpyridine with a 4â€Methylstylryl Group for Dyeâ€Sensitized Solar Cells. Advanced Functional Materials, 2013, 23, 1817-1823.	14.9	82
10	Recent advances in flexible perovskite solar cells. Chemical Communications, 2015, 51, 14696-14707.	4.1	78
11	Photophysical, electrochemical and photovoltaic properties of dye sensitized solar cells using a series of pyridyl functionalized porphyrin dyes. RSC Advances, 2012, 2, 12899.	3.6	76
12	Recent Advances in Halide-Based Perovskite Crystals and Their Optoelectronic Applications. Crystal Growth and Design, 2018, 18, 2645-2664.	3.0	75
13	Organometal halide perovskites as useful materials in sensitized solar cells. Dalton Transactions, 2014, 43, 5247.	3.3	65
14	A novel metal-free panchromatic TiO2 sensitizer based on a phenylenevinylene-conjugated unit and an indoline derivative for highly efficient dye-sensitized solar cells. Chemical Communications, 2011, 47, 12400.	4.1	64
15	Cosensitization of dye sensitized solar cells with a thiocyanate free Ru dye and a metal free dye containing thienylfluorene conjugation. RSC Advances, 2013, 3, 6036.	3.6	63
16	Efficient organicâ€“inorganic hybrid perovskite solar cells processed in air. Physical Chemistry Chemical Physics, 2014, 16, 24691-24696.	2.8	61
17	An Organic Dyad Composed of Diathiafulvaleneâ€Functionalized Diketopyrrolopyrroleâ€“Fullerene for Singleâ€Component Highâ€Efficiency Organic Solar Cells. Angewandte Chemie - International Edition, 2016, 55, 12334-12337.	13.8	56
18	CH3NH3PbI3 Perovskite Sensitized Solar Cells Using a D-A Copolymer as Hole Transport Material. Electrochimica Acta, 2015, 151, 21-26.	5.2	53

#	ARTICLE	IF	CITATIONS
19	Molecular Engineering of Highly Efficient Small Molecule Nonfullerene Acceptor for Organic Solar Cells. Advanced Functional Materials, 2017, 27, 1603820.	14.9	53
20	Dithienogermole-based solution-processed molecular solar cells with efficiency over 9%. Chemical Communications, 2016, 52, 8596-8599.	4.1	49
21	Low Temperature Mn Doped ZnO Nanorod Array: Synthesis and Its Photoluminescence Behavior. Industrial & Engineering Chemistry Research, 2014, 53, 9383-9390.	3.7	48
22	Highly Directional 1D Supramolecular Assembly of New Diketopyrrolopyrrole-Based Gel for Organic Solar Cell Applications. Langmuir, 2016, 32, 4346-4351.	3.5	48
23	Co-sensitization of amphiphilic ruthenium (II) sensitizer with a metal free organic dye: Improved photovoltaic performance of dye sensitized solar cells. Organic Electronics, 2013, 14, 1237-1241.	2.6	43
24	Near-infrared squaraine co-sensitizer for high-efficiency dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2016, 18, 14279-14285.	2.8	41
25	Energy Transfer Dynamics of Highly Stable Fe³⁺ Doped CsPbCl₃ Perovskite Nanocrystals with Dual-Color Emission. Journal of Physical Chemistry C, 2019, 123, 17026-17034.	3.1	41
26	Synthesis of a Modified PC₇₀BM and Its Application as an Electron Acceptor with Poly(3â€hexylthiophene) as an Electron Donor for Efficient Bulk Heterojunction Solar Cells. Advanced Functional Materials, 2012, 22, 4087-4095.	14.9	39
27	NIR absorbing Dâ€“Ï€â€“Aâ€“Ï€â€“D structured diketopyrrolopyrroleâ€“dithiafulvalene based small molecule for solution processed organic solar cells. Chemical Communications, 2016, 52, 210-213.	4.1	38
28	Highly conjugated electron rich thiophene antennas on phenothiazine and phenoxazine-based sensitizers for dye sensitized solar cells. Synthetic Metals, 2014, 195, 208-216.	3.9	36
29	Phenothiazine-Based Hole Transport Materials for Perovskite Solar Cells. ACS Omega, 2020, 5, 5608-5619.	3.5	36
30	A simple fluorene core-based non-fullerene acceptor for high performance organic solar cells. Chemical Communications, 2017, 53, 12790-12793.	4.1	33
31	Achieving the highest efficiency using a BODIPY core decorated with dithiafulvalene wings for small molecule based solution-processed organic solar cells. Chemical Communications, 2017, 53, 6953-6956.	4.1	33
32	Shape tunable synthesis of Eu- and Sm-doped ZnO microstructures: a morphological evaluation. Bulletin of Materials Science, 2015, 38, 1519-1525.	1.7	32
33	Effectiveness of Solvent Vapor Annealing over Thermal Annealing on the Photovoltaic Performance of Non-Fullerene Acceptor Based BHJ Solar Cells. Scientific Reports, 2019, 9, 8529.	3.3	31
34	Simple Metal-Free Dyes Derived from Triphenylamine for DSSC: A Comparative Study of Two Different Anchoring Group. Electrochimica Acta, 2015, 169, 256-263.	5.2	30
35	Stable and charge recombination minimized Ï€-extended thioalkyl substituted tetrathiafulvalene dye-sensitized solar cells. Materials Chemistry Frontiers, 2017, 1, 460-467.	5.9	30
36	Advances in BODIPY photocleavable protecting groups. Coordination Chemistry Reviews, 2021, 449, 214193.	18.8	30

#	Article	IF	Citations
37	Highly efficient nanoporous graphitic carbon with tunable textural properties for dye-sensitized solar cells. Journal of Materials Chemistry, 2012, 22, 20866.	6.7	29
38	Efficient near IR porphyrins containing a triphenylamine-substituted anthryl donating group for dye sensitized solar cells. Journal of Materials Chemistry C, 2019, 7, 13594-13605.	5.5	29
39	Efficient thiocyanate-free sensitizer: a viable alternative to N719 dye for dye-sensitized solar cells. Dalton Transactions, 2012, 41, 7604.	3.3	27
40	Improvement in the power conversion efficiency of thiocyanate-free Ru(ii) based dye sensitized solar cells by cosensitization with a metal-free dye. Journal of Materials Chemistry, 2012, 22, 18788.	6.7	27
41	The Cobalt-Catalyzed Cross-Coupling Reaction of Alkyl Halides with Alkyl Grignard Reagents: A New Route to Constructing Quaternary Carbon CentersÂ. Synthesis, 2014, 46, 1583-1592.	2.3	27
42	meso-Substituted BODIPY fluorescent probes for cellular bio-imaging and anticancer activity. RSC Advances, 2014, 4, 47409-47413.	3.6	27
43	First Study on Phosphonite-Coordinated Ruthenium Sensitizers for Efficient Photocatalytic Hydrogen Evolution. ACS Applied Materials & Interfaces, 2015, 7, 19635-19642.	8.0	27
44	Ni-Doped CsPbBr₃ Perovskite: Synthesis of Highly Stable Nanocubes. Langmuir, 2019, 35, 17150-17155.	3.5	27
45	Benzimidazole-functionalized ancillary ligands for heteroleptic Ru(<scp>ii</scp>) complexes: synthesis, characterization and dye-sensitized solar cell applications. Dalton Transactions, 2015, 44, 14697-14706.	3.3	26
46	Bulky Nature Phenanthroimidazole-Based Porphyrin Sensitizers for Dye-Sensitized Solar Cell Applications. Journal of Physical Chemistry C, 2017, 121, 25691-25704.	3.1	26
47	A fluorene-core-based electron acceptor for fullerene-free BHJ organic solar cellsâ€"towards power conversion efficiencies over 10%. Chemical Communications, 2018, 54, 4001-4004.	4.1	26
48	New indolo carbazole-based non-fullerene n-type semiconductors for organic solar cell applications. Journal of Materials Chemistry C, 2019, 7, 543-552.	5.5	26
49	Nearâ€Infrared (>1000â€…nm) Lightâ€Harvesters: Design, Synthesis and Applications. Chemistry - A European Journal, 2020, 26, 16582-16593.	3.3	25
50	Indole and triisopropyl phenyl as capping units for a diketopyrrolopyrrole (DPP) acceptor central unit: an efficient Dâ€"Aâ€"D type small molecule for organic solar cells. RSC Advances, 2014, 4, 732-742.	3.6	23
51	New dithienosilole- and dithienogermole-based BODIPY for solar cell applications. New Journal of Chemistry, 2019, 43, 8735-8740.	2.8	23
52	Dithiafulvalene functionalized diketopyrrolopyrrole based sensitizers for efficient hydrogen production. Physical Chemistry Chemical Physics, 2015, 17, 13710-13718.	2.8	22
53	Study on Liposomal Encapsulation of New Bodipy Sensitizers for Photodynamic Therapy. ACS Medicinal Chemistry Letters, 2018, 9, 323-327.	2.8	22
54	High Affinity Neutral Bodipy Fluorophores for Mitochondrial Tracking. ACS Medicinal Chemistry Letters, 2018, 9, 618-622.	2.8	22

#	Article	IF	Citations
55	Butterfly architecture of NIR Aza-BODIPY small molecules decorated with phenothiazine or phenoxazine. Chemical Communications, 2019, 55, 12535-12538.	4.1	22
56	One bipyridine and triple advantages: tailoring ancillary ligands in ruthenium complexes for efficient sensitization in dye solar cells. Journal of Materials Chemistry, 2012, 22, 18757.	6.7	21
57	Effect of linker used in Dâ€"Aâ€"Ï€â€"A metal free dyes with different Ï€-spacers for dye sensitized solar cells. Organic Electronics, 2012, 13, 3108-3117.	2.6	21
58	2,6-Bis(1-methylbenzimidazol-2-yl)pyridine: A New Ancillary Ligand for Efficient Thiocyanate-Free Ruthenium Sensitizer in Dye-Sensitized Solar Cell Applications. ACS Applied Materials & Interfaces, 2013, 5, 11623-11630.	8.0	21
59	High-Performance Non-Fullerene Acceptor Derived from Diathiafulvalene Wings for Solution-Processed Organic Photovoltaics. Journal of Physical Chemistry C, 2016, 120, 24615-24622.	3.1	21
60	Near Infrared Organic Semiconducting Materials for Bulk Heterojunction and Dyeâ€Sensitized Solar Cells. Chemical Record, 2014, 14, 419-481.	5.8	20
61	Effect of spacers and anchoring groups of extended Ï€-conjugated tetrathiafulvalene based sensitizers on the performance of dye sensitized solar cells. Sustainable Energy and Fuels, 2017, 1, 345-353.	4.9	20
62	New Electron Acceptor Derived from Fluorene: Synthesis and Its Photovoltaic Properties. Journal of Physical Chemistry C, 2016, 120, 13390-13397.	3.1	19
63	Near-infrared unsymmetrical blue and green squaraine sensitizers. Photochemical and Photobiological Sciences, 2016, 15, 287-296.	2.9	19
64	Dâ^'Ï€â€"Aâ^'Ï€â€"D Structured Diketopyrrolopyrrole-Based Electron Donors for Solution-Processed Organic Solar Cells. ACS Omega, 2018, 3, 13365-13373.	3.5	19
65	Photoinduced Borylation Reactions: An Overview. Asian Journal of Organic Chemistry, 2021, 10, 7-37.	2.7	19
66	Effects of methoxy group(s) on D-Ï€-A porphyrin based DSSCs: efficiency enhanced by co-sensitization. Materials Chemistry Frontiers, 2022, 6, 580-592.	5.9	19
67	Impact of rotamer diversity on the self-assembly of nearly isostructural molecular semiconductors. Journal of Materials Chemistry A, 2018, 6, 383-394.	10.3	18
68	Kinetics of dye regeneration in liquid electrolyte unveils efficiency of 10.5% in dye-sensitized solar cells. Journal of Materials Chemistry C, 2018, 6, 11444-11456.	5.5	18
69	Solventâ€Free Ruthenium(II)â€Catalyzed Câ€"H Activation: Synthesis of Alkenylarylpyrazole Derivatives. European Journal of Organic Chemistry, 2015, 2015, 6025-6032.	2.4	17
70	A 9.16% Power Conversion Efficiency Organic Solar Cell with a Porphyrin Conjugated Polymer Using a Nonfullerene Acceptor. ACS Applied Materials & Interfaces, 2019, 11, 28078-28087.	8.0	17
71	Simple diphenylamine based Dâ€"Ï€â€"A type sensitizers/co-sensitizers for DSSCs: a comprehensive study on the impact of anchoring groups. Physical Chemistry Chemical Physics, 2019, 21, 10603-10613.	2.8	17
72	Synthesis of Multichromophoric Asymmetrical Squaraine Sensitizer via Câ€"H Arylation for See-through Photovoltaic. ACS Applied Energy Materials, 2018, 1, 4786-4793.	5.1	16

#	Article	IF	Citations
73	Unraveling the unusual effect of fluorination on crystal packing in an organic semiconductor. Physical Chemistry Chemical Physics, 2020, 22, 1665-1673.	2.8	16
74	Efficient dye-sensitized solar cells based on cosensitized metal free organic dyes with complementary absorption spectra. Journal of Renewable and Sustainable Energy, 2013, 5, .	2.0	15
75	Osmium Polypyridyl Complexes and Their Applications to Dye-Sensitized Solar Cells. Chemical Record, 2015, 15, 457-474.	5.8	15
76	High performance dye-sensitized solar cell from a cocktail solution of a ruthenium dye and metal free organic dye. RSC Advances, 2016, 6, 41151-41155.	3.6	15
77	An all-small-molecule organic solar cell derived from naphthalimide for solution-processed high-efficiency nonfullerene acceptors. Journal of Materials Chemistry C, 2019, 7, 709-717.	5.5	15
78	Pyridyl-functionalized spiro[fluoreneâ€“xanthene] as a dopant-free hole-transport material for stable perovskite solar cells. Materials Chemistry Frontiers, 2021, 5, 7276-7285.	5.9	15
79	Tuning of spectral response by co-sensitization in black-dye based dye-sensitized solar cell. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 651-656.	1.8	14
80	Prospects of Graphene as a Potential Carrier-Transport Material in Third-Generation Solar Cells. Chemical Record, 2016, 16, 614-632.	5.8	14
81	Synthesis and Spectroscopic Investigation of Diketopyrrolopyrrole - Spiropyran Dyad for Fluorescent Switch Application. Journal of Fluorescence, 2016, 26, 1939-1949.	2.5	13
82	MA₂CoBr₄: lead-free cobalt-based perovskite for electrochemical conversion of water to oxygen. Chemical Communications, 2019, 55, 6779-6782.	4.1	13
83	Heteroleptic Ru(<scp>ii</scp>) cyclometalated complexes derived from benzimidazole-phenyl carbene ligands for dye-sensitized solar cells: an experimental and theoretical approach. Materials Chemistry Frontiers, 2017, 1, 947-957.	5.9	12
84	Design and synthesis of ruthenium bipyridine catalyst: An approach towards low-cost hydroxylation of arenes and heteroarenes. Tetrahedron Letters, 2017, 58, 3743-3746.	1.4	12
85	Leadâ€Free, Waterâ€Stable A₃Bi₂I₉ Perovskites: Crystal Growth and Blueâ€Emitting Quantum Dots [A=CH₃NH₃⁺, Cs⁺, and (Rb_{0.05}Cs_{2.95})⁺]. Chemistry - A European Journal, 2020, 26, 10519-10527.	3.3	12
86	One-Step Synthesis of New Electron Acceptor for High Efficiency Solution Processable Organic Solar Cells. Journal of Physical Chemistry C, 2017, 121, 26615-26621.	3.1	11
87	Impact of Aâ€“Dâ€“Aâ€Structured Dithienosiloleâ€•and Phenoxazineâ€Based Small Molecular Material for Bulk Heterojunction and Dopantâ€Free Perovskite Solar Cells. Chemistry - A European Journal, 2019, 25, 16320-16327.	3.3	11
88	Calibration independent estimation of optical constants using terahertz timeâ€domain spectroscopy. Microwave and Optical Technology Letters, 2015, 57, 1861-1864.	1.4	10
89	Functional Ï€-conjugated tetrathiafulvalene decorated with benzothiadiazole organic sensitizers for dye sensitized solar cells. New Journal of Chemistry, 2019, 43, 8919-8929.	2.8	10
90	Leadâ€halides Perovskite Visible Light Photoredox Catalysts for Organic Synthesis. Chemical Record, 2020, 20, 1181-1197.	5.8	10

#	Article	IF	Citations
91	An indacenodithiophene core moiety for organic solar cells. Materials Chemistry Frontiers, 2021, 5, 7724-7736.	5.9	10
92	A phenothiazine-fused electroactive bilayer helicene: design, synthesis, ACQ-to-AIE transformation and photophysical properties. Journal of Materials Chemistry C, 2022, 10, 5173-5182.	5.5	10
93	4,4â€²-Unsymmetrically substituted-2,2â€²-bipyridines: novel bidentate ligands on ruthenium(ii) [3 + 2 + 1] mixed ligand complexes for efficient sensitization of nanocrystalline TiO2 in dye solar cells. RSC Advances, 2013, 3, 26035.	3.6	9
94	An Organic Dyad Composed of Diathiafulvaleneâ€Functionalized Diketopyrrolopyrroleâ€“Fullerene for Singleâ€Component Highâ€Efficiency Organic Solar Cells. Angewandte Chemie, 2016, 128, 12522-12525.	2.0	9
95	Solvent-Assisted Tuning of the Size and Shape of CsPbBr3 Nanocrystals via Redispersion Process at Ambient Condition. Langmuir, 2018, 34, 15507-15516.	3.5	9
96	Access to small molecule semiconductors <i>via</i> Câ€“H activation for photovoltaic applications. Chemical Communications, 2018, 54, 7322-7325.	4.1	9
97	Benzodithiazoleâ€Based Holeâ€Transporting Material for Efficient Perovskite Solar Cells. Asian Journal of Organic Chemistry, 2018, 7, 2497-2503.	2.7	8
98	Peptide-based novel small molecules and polymers: unexplored optoelectronic materials. Journal of Materials Chemistry C, 2021, 9, 12462-12488.	5.5	8
99	Application of small molecules based on a dithienogermole core in bulk heterojunction organic solar cells and perovskite solar cells. Materials Chemistry Frontiers, 2020, 4, 2168-2175.	5.9	8
100	Highâ€efficiency polymer solar cells based on phenylenevinylene copolymer with BF₂â€azopyrrole complex and CNâ€PC₇₀BM with solvent additive. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1612-1618.	2.1	7
101	Multichromophore Donor Materials Derived from Diketopyrrolopyrrole and Phenoxazine: Design, Synthesis, and Photovoltaic Performance. European Journal of Organic Chemistry, 2017, 2017, 4896-4904.	2.4	7
102	Efficient Medium Bandgap Electron Acceptor Based on Diketopyrrolopyrrole and Furan for Efficient Ternary Organic Solar Cells. ACS Applied Materials & Interfaces, 2022, , .	8.0	7
103	[1]Benzothieno[3,2-<i>b</i>][1]benzothiophene-based dyes: effect of the ancillary moiety on mechanochromism and aggregation-induced emission. Physical Chemistry Chemical Physics, 2022, 24, 15110-15120.	2.8	7
104	Cowrie-shell architectures: Low temperature growth of Ni doped CdS film. Journal of Alloys and Compounds, 2015, 649, 553-558.	5.5	6
105	Cu-implanted ZnO nanorods array film: An aqueous synthetic approach. Journal of Alloys and Compounds, 2015, 618, 421-427.	5.5	6
106	Spinâ€“orbit coupling and Lorentz force enhanced efficiency of TiO₂â€based dye sensitized solar cells. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1600691.	1.8	6
107	Ultrafast Fluorescence Photoswitch Incorporating Diketopyrrolopyrrole and Benzo[1,3]oxazine. Journal of Physical Chemistry C, 2017, 121, 27313-27326.	3.1	6
108	High performance dye anchored counter electrodes with a SPSQ2 sensitizer for dye sensitized solar cell applications. Materials Chemistry Frontiers, 2017, 1, 735-740.	5.9	6

#	Article	IF	Citations
109	The effect of alkylamines on the morphology and optical properties of organic perovskites. Solar Energy, 2021, 226, 483-488.	6.1	6
110	Synthesis and Optoelectrical Characterization of Novel Squaraine Dyes Derived from Benzothiophene and Benzofuran. ACS Omega, 2018, 3, 13919-13927.	3.5	5
111	Panchromatic aza-Bodipy based Ï€-conjugates. New Journal of Chemistry, 2021, 45, 7792-7798.	2.8	5
112	Highly Efficient Sulfimidation of 1,3â€Dithianes by Cu(I) Complexes. Synthetic Communications, 2008, 38, 619-625.	2.1	4
113	Solutionâ€Processed Organic Solar Cells Using New Electron Acceptor Derived from Naphthalene and Fluorene Unit. ChemistrySelect, 2017, 2, 7913-7917.	1.5	4
114	Enhanced Photovoltaic Performance via Co-sensitization of Ruthenium (II)-Based Complex Sensitizers with Metal-Free Indoline Dye in Dye-Sensitized Solar Cells. Organic Photonics and Photovoltaics, 2017, 5, .	1.3	4
115	Reactions in Water â€" A Greener Approach Using Ruthenium Catalysts. Chemical Record, 2019, 19, 1935-1951.	5.8	4
116	Distyryl 1,2-Bis(2-pyridylmethoxy) benzene substituted near-infrared BODIPY photosensitizers: synthesis and spectroscopic studies. Journal of Chemical Sciences, 2021, 133, 1.	1.5	4
117	A novel perylenediimide molecule: Synthesis, structural property relationship and nanoarchitectonics. Journal of Solid State Chemistry, 2022, 306, 122687.	2.9	4
118	Reversible Fluorescence Modulation in a Dyad Comprising Phenothiazine Derivative and Spiropyran. Asian Journal of Organic Chemistry, 2018, 7, 2254-2262.	2.7	3
119	Highly Efficient Benzo-Furan-Based Electron Acceptor Derived from One-Pot Synthesis for High-Performance Bulk Heterojunction Solar Cells. ACS Applied Energy Materials, 2019, 2, 1019-1025.	5.1	3
120	Dye-Sensitized Solar Cells Based on High Surface Area Nanocrystalline Zinc Oxide Spheres. Advances in OptoElectronics, 2011, 2011, 1-5.	0.6	2
121	Panchromatic sensitization of new terpyridine ligated thiocyanate-free Ru-complex. Solar Energy, 2019, 188, 305-311.	6.1	2
122	Trifluoromethylâ€Directed Supramolecular Selfâ€Assembly of Fullerenes: Synthesis, Characterization and Photovoltaic Applications. ChemistrySelect, 2020, 5, 1115-1121.	1.5	2
123	Aza-dipyrrinato ruthenium sensitizers for enhancement of Light-Harvesting ability of Dye-Sensitized solar cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 275, 121131.	3.9	2
124	Molecular Engineering and Structure-Related Properties of Squaraine Dyes Based on the Core and Wings Concept. ACS Omega, 2018, 3, 15416-15425.	3.5	1
125	Ruthenium-bipyridine complex catalyzed Câ€"H alkenylation of arylpyrazole derivatives. Journal of Chemical Sciences, 2018, 130, 1.	1.5	1
126	Structural and optical properties of ionic liquid-based hybrid perovskitoid: A combined experimental and theoretical investigation. Functional Materials Letters, 2021, 14, 2150008.	1.2	1

#	Article	IF	Citations
127	Blue-red emitting 2,12-disubstituted [5]helicenes for high fluorescence efficiency and sensing application. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 411, 113203.	3.9	1
128	Carbazole core derived dyes: New non-fullerene acceptor for all small-molecule organic solar cells with very high open-circuit voltage of 1.12ÂV. Dyes and Pigments, 2021, 194, 109606.	3.7	1
129	Self-assembled C60 Fullerene Cylindrical nanotubes by LLIP method. , 2016, , .		0
130	Frontispiece: Nearâ€Infrared (>1000â€…nm) Lightâ€Harvesters: Design, Synthesis and Applications. Chemistry - A European Journal, 2020, 26, .	3.3	0