

Rajneesh Misra

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136
papers

3,637
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35
h-index

51
g-index

140
ext. papers

4,328
ext. citations

5.2
avg. IF

6.21
L-index

#	Paper	IF	Citations
136	Structural diversity in expanded porphyrins. <i>Accounts of Chemical Research</i> , 2008 , 41, 265-79	24.3	201
135	Reversible mechanochromism and enhanced AIE in tetraphenylethene substituted phenanthroimidazoles. <i>Chemical Communications</i> , 2014 , 50, 9076-8	5.8	192
134	Aggregation induced emission and mechanochromism in pyrenoimidazoles. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9981-9988	7.1	77
133	22pi smaragdyrin molecular conjugates with aromatic phenylacetylenes and ferrocenes: Syntheses, electrochemical, and photonic properties. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16083-91	16.4	72
132	Multi-Stimuli Responsive Donor-Acceptor Tetraphenylethylene Substituted Benzothiadiazoles. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 24030-24040	3.8	71
131	Effect of End Groups on Mechanochromism and Electroluminescence in Tetraphenylethylene Substituted Phenanthroimidazoles. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 18487-18495	3.8	69
130	Recent advances of BODIPY based derivatives for optoelectronic applications. <i>Coordination Chemistry Reviews</i> , 2020 , 421, 213462	23.2	67
129	Unsymmetrical Donor-Acceptor-Acceptor-Donor Type Benzothiadiazole-Based Small Molecule for a Solution Processed Bulk Heterojunction Organic Solar Cell. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 10283-92	9.5	65
128	Effect of the cyano group on solid state photophysical behavior of tetraphenylethene substituted benzothiadiazoles. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9063-9068	7.1	64
127	Stimuli responsive AIE active positional isomers of phenanthroimidazole as non-doped emitters in OLEDs. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 2077-2087	7.1	64
126	Donor-acceptor, ferrocenyl substituted BODIPYs with marvelous supramolecular interactions. <i>Dalton Transactions</i> , 2013 , 42, 1512-8	4.3	60
125	T-Shaped donor-Acceptor-Donor type tetraphenylethylene substituted quinoxaline derivatives: aggregation-induced emission and mechanochromism. <i>New Journal of Chemistry</i> , 2017 , 41, 9346-9353	3.6	60
124	Optical limiting performance of meso-tetraferrocenyl porphyrin and its metal derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012 , 239, 24-27	4.7	57
123	Tuning of the HOMO-LUMO gap of donor-substituted symmetrical and unsymmetrical benzothiadiazoles. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 5448-57	3.9	57
122	Mechanochromism and electroluminescence in positional isomers of tetraphenylethylene substituted phenanthroimidazoles. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 6014-6020	7.1	56
121	Aryl-substituted unsymmetrical benzothiadiazoles: synthesis, structure, and properties. <i>Journal of Organic Chemistry</i> , 2013 , 78, 12440-52	4.2	56
120	Spiro-linked organic small molecules as hole-transport materials for perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 18750-18765	13	56

119	Donor-acceptor perylene diimide-ferrocene conjugates: synthesis, photophysical, and electrochemical properties. <i>Tetrahedron Letters</i> , 2012 , 53, 2352-2354	2	55
118	Ferrocenyl BODIPYs: synthesis, structure and properties. <i>RSC Advances</i> , 2012 , 2, 12105	3-7	55
117	Donor-acceptor meso-alkynylated ferrocenyl BODIPYs: synthesis, structure, and properties. <i>Dalton Transactions</i> , 2013 , 42, 13658-66	4-3	53
116	Mechanochromism and aggregation induced emission in benzothiazole substituted tetraphenylethylenes: a structure function correlation. <i>RSC Advances</i> , 2015 , 5, 29878-29884	3-7	52
115	Structure-property relationship in multi-stimuli responsive DAA benzothiazole functionalized isomers. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 10888-10901	7-1	52
114	1,1,4,4-Tetracyanobuta-1,3-diene Substituted Diketopyrrolopyrroles: An Acceptor for Solution Processable Organic Bulk Heterojunction Solar Cells. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 6324-6335	3-8	50
113	Donor-acceptor-acceptor (D-A-A) type 1,8-naphthalimides as non-fullerene small molecule acceptors for bulk heterojunction solar cells. <i>Chemical Science</i> , 2017 , 8, 2017-2024	9-4	50
112	Design and synthesis of donor-acceptor pyrazabole derivatives for multiphoton absorption. <i>Dalton Transactions</i> , 2013 , 42, 4340-2	4-3	49
111	Donor-acceptor ferrocenyl-substituted benzothiadiazoles: synthesis, structure, and properties. <i>Journal of Organic Chemistry</i> , 2013 , 78, 4940-8	4-2	46
110	Substituted ferrocenyl porphyrins: synthesis, structure, and properties. <i>Dalton Transactions</i> , 2013 , 42, 5539-45	4-3	45
109	Carbazole-BODIPY conjugates: design, synthesis, structure and properties. <i>Dalton Transactions</i> , 2014 , 43, 13076-86	4-3	44
108	Small molecule carbazole-based diketopyrrolopyrroles with tetracyanobutadiene acceptor unit as a non-fullerene acceptor for bulk heterojunction organic solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 3311-3319	13	42
107	Diketopyrrolopyrrole-Based and Tetracyano-Bridged Small Molecules for Bulk Heterojunction Organic Solar Cells. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 220-229	4-5	40
106	Synthesis, optical and electrochemical properties of new ferrocenyl substituted triphenylamine based donor-acceptor dyes for dye sensitized solar cells. <i>RSC Advances</i> , 2014 , 4, 34904-34911	3-7	39
105	Heteroatom-Connected Ferrocenyl BODIPYs: Synthesis, Structure, and Properties. <i>Organometallics</i> , 2014 , 33, 1867-1877	3-8	39
104	Colorimetric and fluorimetric detection of fluoride and cyanide ions using tri and tetra coordinated boron containing chromophores. <i>Dalton Transactions</i> , 2015 , 44, 16052-60	4-3	38
103	Meso Alkynylated Tetraphenylethylene (TPE) and 2,3,3-Triphenylacrylonitrile (TPAN) Substituted BODIPYs. <i>Journal of Organic Chemistry</i> , 2015 , 80, 8018-25	4-2	36
102	Aggregation induced emission and mechanochromism in tetraphenylethene substituted pyrazabole. <i>RSC Advances</i> , 2015 , 5, 68187-68191	3-7	35

101	(D-EA)-ED-A type ferrocenyl bisthiazole linked triphenylamine based molecular systems for DSSC: synthesis, experimental and theoretical performance studies. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 8925-8933	3.6	34
100	Ferrocene-diketopyrrolopyrrole based non-fullerene acceptors for bulk heterojunction polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 13625-13633	13	34
99	The quenching of fluorescence as an indicator of donor-strength in meso arylethynyl BODIPYs. <i>Dalton Transactions</i> , 2014 , 43, 4854-61	4.3	34
98	Donor-acceptor substituted 1,8-naphthalimides: design, synthesis, and structure-property relationship. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 14798-14815	7.1	34
97	Triarylborane substituted naphthalimide as a fluoride and cyanide ion sensor. <i>Dalton Transactions</i> , 2016 , 45, 2549-53	4.3	33
96	Reversible mechanochromism and aggregation induced enhanced emission in phenothiazine substituted tetraphenylethylene. <i>New Journal of Chemistry</i> , 2019 , 43, 16156-16163	3.6	31
95	Tuning of the HOMO-LUMO Gap of Symmetrical and Unsymmetrical Ferrocenyl-Substituted Diketopyrrolopyrroles. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 733-738	3.2	31
94	Reversible mechanochromism in dipyrindylamine-substituted unsymmetrical benzothiadiazoles. <i>RSC Advances</i> , 2014 , 4, 52526-52529	3.7	30
93	Star shaped ferrocenyl truxenes: synthesis, structure and properties. <i>Dalton Transactions</i> , 2014 , 43, 6891-6	4.6	30
92	meso-Aryloxy and meso-arylaza linked BODIPY dimers: synthesis, structures and properties. <i>New Journal of Chemistry</i> , 2014 , 38, 3579	3.6	30
91	Unsymmetrical and Symmetrical Push-Pull Phenothiazines. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6840-6845	4.4	29
90	Stimuli-responsive phenothiazine-based donor-acceptor isomers: AIE, mechanochromism and polymorphism. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 3589-3602	7.1	29
89	Pyridine Bridging Diphenylamine-Carbazole with Linking Topology as Rational Hole Transporter for Perovskite Solar Cells Fabrication. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 22881-22890	9.5	29
88	Design and Synthesis of Low HOMO-LUMO Gap N-Phenylcarbazole-Substituted Diketopyrrolopyrroles. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 1008-1014	3	29
87	Tuning the HOMO-LUMO gap of donor-substituted benzothiazoles. <i>Tetrahedron Letters</i> , 2014 , 55, 6827-6830	6.8	29
86	Tetracyanobutadiene functionalized ferrocenyl BODIPY dyes. <i>Dalton Transactions</i> , 2016 , 45, 1476-83	4.3	27
85	Rational molecular design towards NIR absorption: efficient diketopyrrolopyrrole derivatives for organic solar cells and photothermal therapy. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13020-13031	7.1	26
84	Ultrafast Charge-Separation in Triphenylamine-BODIPY-Derived Triads Carrying Centrally Positioned, Highly Electron-Deficient, Dicyanoquinodimethane or Tetracyanobutadiene Electron-Acceptors. <i>Chemistry - A European Journal</i> , 2017 , 23, 9192-9200	4.8	24

83	Strong Ground- and Excited-State Charge Transfer in C ₃ -Symmetric Truxene-Derived Phenothiazine-Tetracyanobutadiene and Expanded Conjugates. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4350-4355	16.4	24
82	Synergistic effect of donors on tetracyanobutadiene (TCBD) substituted ferrocenyl pyrenes. <i>RSC Advances</i> , 2015 , 5, 57692-57699	3.7	23
81	Non-doped blue organic light emitting devices based on tetraphenylethylene-Imidazole derivatives. <i>Organic Electronics</i> , 2016 , 37, 448-452	3.5	23
80	Carbazole-Based Spiro[fluorene-9,9Sxanthene] as an Efficient Hole-Transporting Material for Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 28246-28252	9.5	22
79	Tetracyanoethylene substituted triphenylamine analogues. <i>Tetrahedron Letters</i> , 2014 , 55, 7102-7105	2	22
78	One-Pot Synthesis of Core-Modified RUBYRIN, Octaphyrin, and Dodecaphyrin: Characterization and Nonlinear Optical Properties. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 4552-4562	3.2	22
77	Conversion of Large-Bandgap Triphenylamine-Benzothiadiazole to Low-Bandgap, Wide-Band Capturing Donor-Acceptor Systems by Tetracyanobutadiene and/or Dicyanoquinodimethane Insertion for Ultrafast Charge Separation. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 23382-23389	3.8	21
76	Strategy Toward Tuning Emission of Star-Shaped Tetraphenylethene-Substituted Truxenes for Sky-Blue and Greenish-White Organic Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 15614-15624	3.8	21
75	C ₃ symmetric ferrocenyl triazines: synthesis, structure, and properties. <i>RSC Advances</i> , 2013 , 3, 2889	3.7	21
74	Donor-Acceptor phenothiazine functionalized BODIPYs. <i>Dyes and Pigments</i> , 2017 , 146, 368-373	4.6	21
73	Substituted triarylborane appended porphyrins: photophysical properties and anion sensing. <i>RSC Advances</i> , 2015 , 5, 27069-27074	3.7	21
72	Ferrocenyl substituted calixarenes: synthesis, structure and properties. <i>RSC Advances</i> , 2013 , 3, 5785	3.7	21
71	Meso-meso linked core modified 22pi smaragdyrins with unusual absorption properties. <i>Chemical Communications</i> , 2006 , 4584-6	5.8	21
70	Mechanochromism and Aggregation-Induced Emission in Phenanthroimidazole Derivatives: Role of Positional Change of Different Donors in a Multichromophoric Assembly. <i>Journal of Organic Chemistry</i> , 2021 , 86, 1560-1574	4.2	21
69	26pi aromatic core-modified hexaphyrins: syntheses, characterization, and structural diversities. <i>Journal of Organic Chemistry</i> , 2007 , 72, 1153-60	4.2	20
68	Tuning the Fluorescence and the Intramolecular Charge Transfer of Phenothiazine Dipolar and Quadrupolar Derivatives by Oxygen Functionalization. <i>Journal of the American Chemical Society</i> , 2021 , 143, 9933-9943	16.4	19
67	Excited-State Electron Transfer in 1,1,4,4-Tetracyanobuta-1,3-diene (TCBD)- and Cyclohexa-2,5-diene-1,4-diylidene-Expanded TCBD-Substituted BODIPY-Phenothiazine Donor-Acceptor Conjugates. <i>Chemistry - A European Journal</i> , 2020 , 26, 6869-6878	4.8	18
66	D-A-D-D-A-D type diketopyrrolopyrrole based small molecule electron donors for bulk heterojunction organic solar cells. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 16950-7	3.6	18

65	Ferrocenyl end capped molecular rods: synthesis, structure, and properties. <i>New Journal of Chemistry</i> , 2014 , 38, 1446	3.6	18
64	Strong Ground- and Excited-State Charge Transfer in C ₃ -Symmetric Truxene-Derived Phenothiazine-Tetracyanobutadine and Expanded Conjugates. <i>Angewandte Chemie</i> , 2019 , 131, 4394-4399 ^{3,6}	3.6	17
63	Phenothiazine-based small-molecule organic solar cells with power conversion efficiency over 7% and open circuit voltage of about 1.0 V using solvent vapor annealing. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 6321-6329	3.6	17
62	Dicyanoquinodimethane-substituted benzothiadiazole for efficient small-molecule solar cells. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 7235-41	3.6	17
61	Aryl pyrazaboles: a new class of tunable and highly fluorescent materials. <i>Dalton Transactions</i> , 2013 , 42, 16614-20	4.3	17
60	Small molecule based N-phenyl carbazole substituted diketopyrrolopyrroles as donors for solution-processed bulk heterojunction organic solar cells. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 22999-3005	3.6	16
59	Ferrocenyl thiazoles: synthesis and properties. <i>Tetrahedron Letters</i> , 2015 , 56, 1664-1666	2	16
58	Nonfullerene Polymer Solar Cells Reaching a 9.29% Efficiency Using a BODIPY-Thiophene Backboned Donor Material. <i>ACS Applied Energy Materials</i> , 2018 , 1, 3359-3368	6.1	15
57	1,8-Naphthalimide-Substituted BODIPY Dyads: Synthesis, Structure, Properties, and Live-Cell Imaging. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2881-2890	4.5	15
56	Aryl-substituted symmetrical and unsymmetrical benzothiadiazoles. <i>RSC Advances</i> , 2015 , 5, 18288-18294 ^{3,7}	3.7	15
55	Symmetrical and unsymmetrical triphenylamine based diketopyrrolopyrroles and their use as donors for solution processed bulk heterojunction organic solar cells. <i>RSC Advances</i> , 2016 , 6, 99685-99694 ^{3,7}	3.7	15
54	Energy-Transfer and Charge-Transfer Dynamics in Highly Fluorescent Naphthalimide-BODIPY Dyads: Effect of BODIPY Orientation. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 24362-24374	3.8	14
53	Ferrocenyl pyrazaboles: design, synthesis, structure, and properties. <i>Dalton Transactions</i> , 2014 , 43, 2013-23	4.3	14
52	Pentafluorophenyl substituted fulleropyrrolidine: a molecule enabling the most efficient flexible electrochromic device with fast switching. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3462-3469	7.1	14
51	Ferrocene-diketopyrrolopyrrole based small molecule donors for bulk heterojunction solar cells. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 7262-7269	3.6	13
50	Ferrocenyl aza-dipyrromethene and aza-BODIPY: Synthesis and properties. <i>Journal of Organometallic Chemistry</i> , 2016 , 825-826, 8-14	2.3	13
49	White hyperelectrofluorescence from solution-processable OLEDs based on phenothiazine substituted tetraphenylethylene derivatives. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 13375-13388	7.1	13
48	Charge stabilization electron exchange: excited charge separation in symmetric, central triphenylamine derived, dimethylaminophenyl-tetracyanobutadiene donor-acceptor conjugates. <i>Chemical Science</i> , 2020 , 12, 1109-1120	9.4	13

47	Small Molecule Based Non-Fullerene Acceptors: A Comparative Study. <i>Chemical Record</i> , 2018 , 18, 1350-1364	13.64	12
46	Optical limiting and nonlinear optical studies of ferrocenyl substituted calixarenes. <i>Chemical Physics Letters</i> , 2014 , 616-617, 189-195	2.5	12
45	Heteroatom-connected ferrocenyl substituted naphthalimides. <i>RSC Advances</i> , 2016 , 6, 7746-7754	3.7	11
44	Push-Pull Porphyrins via β -Pyrrole Functionalization: Evidence of Excited State Events Leading to High-Potential Charge-Separated States. <i>Chemistry - A European Journal</i> , 2019 , 25, 12991-13001	4.8	11
43	A D- π A1- π A2 push-pull small molecule donor for solution processed bulk heterojunction organic solar cells. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 13918-26	3.6	11
42	NIR-Absorbing Donor-Acceptor Based 1,1,4,4-Tetracyanobuta-1,3-Diene (TCBD)- and Cyclohexa-2,5-Diene-1,4-Ylidene-Expanded TCBD-Substituted Ferrocenyl Phenothiazines. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2908-2915	4.5	10
41	Electron Donor Ferrocenyl Phenothiazine: Counter Ion for Improving All-Organic Electrochromism. <i>ACS Applied Electronic Materials</i> , 2020 , 2, 2994-3000	4	10
40	C3-Symmetric star shaped donor-acceptor truxenes: synthesis and photophysical, electrochemical and computational studies. <i>New Journal of Chemistry</i> , 2018 , 42, 882-890	3.6	10
39	Tetracyanobutadiene bridged ferrocene and triphenylamine functionalized pyrazabole dimers. <i>Journal of Organometallic Chemistry</i> , 2017 , 840, 23-29	2.3	9
38	C2-Symmetric ferrocenyl bisthiazoles: synthesis, photophysical, electrochemical and DFT studies. <i>Dalton Transactions</i> , 2016 , 45, 4802-9	4.3	9
37	Substituent dependent tunable fluorescence in thieno[3,2-c]pyrans. <i>RSC Advances</i> , 2014 , 4, 56779-56783	3.7	9
36	Star shaped ferrocenyl substituted triphenylamines. <i>RSC Advances</i> , 2015 , 5, 71046-71051	3.7	8
35	Enhanced photovoltaic performance using biomass derived nano 3D ZnO hierarchical superstructures and a D π A type C3-Symmetric triphenylamine linked bisthiazole. <i>Electrochimica Acta</i> , 2018 , 259, 262-275	6.7	8
34	Synthesis, Structures, and Redox Properties of Tetracyano-Bridged Diferrocene Donor-Acceptor-Donor Systems. <i>Organometallics</i> , 2017 , 36, 4490-4498	3.8	8
33	Interfacing High-Energy Charge-Transfer States to a Near-IR Sensitizer for Efficient Electron Transfer upon Near-IR Irradiation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23697-23705	16.4	8
32	Multiple Intramolecular Charge Transfers in Multimodular Donor-Acceptor Chromophores with Large Two-Photon Absorption. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 24631-24643	3.8	8
31	Tailoring of a Phenothiazine Core for Electrical Conductivity and Thermal Stability: Hole-Selective Layers in Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 33311-33320	9.5	8
30	Formation of Highly Efficient, Long-Lived Charge Separated States in Star-Shaped Ferrocene-Diketopyrrolopyrrole-Triphenylamine Donor-Acceptor-Donor Conjugates. <i>Chemistry - A European Journal</i> , 2020 , 26, 15109-15115	4.8	7

29	Symmetric and Asymmetric Push-Pull Conjugates: Significance of Pull Group Strength on Charge Transfer and Separation. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 4067-4075	3.4	7
28	Donor-Acceptor Triphenylvinyl and Tetraphenyl Conjugates: Synthesis, Aggregation and Computational Studies. <i>ChemistrySelect</i> , 2017 , 2, 10033-10037	1.8	6
27	Synthesis and Characterization of Isoindigo-Based Push-Pull Chromophores. <i>Journal of Organic Chemistry</i> , 2020 , 85, 4611-4618	4.2	6
26	C-Symmetric Positional Isomers of BODIPY Substituted Triazines: Synthesis and Excited State Properties. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 4829-4837	2.8	6
25	Near-infrared absorbing metal functionalized diketopyrrolopyrroles. <i>Journal of Organometallic Chemistry</i> , 2017 , 852, 48-53	2.3	5
24	Near-infrared absorbing tetracyanobutadiene-bridged diketopyrrolopyrroles. <i>New Journal of Chemistry</i> , 2018 , 42, 3892-3899	3.6	5
23	Triphenylamine Functionalized Unsymmetrical Quinoxalines. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1882-1892	3	5
22	Efficient Non-polymeric Heterojunctions in Ternary Organic Solar Cells. <i>ACS Applied Energy Materials</i> , 2018 , 1, 4203-4210	6.1	5
21	-Symmetric Triphenylamine-Linked Bisthiazole-Based Metal-Free Donor-Acceptor Organic Dye for Efficient ZnO Nanoparticles-Based Dye-Sensitized Solar Cells: Synthesis, Theoretical Studies, and Photovoltaic Properties. <i>ACS Omega</i> , 2017 , 2, 5981-5991	3.9	5
20	Singlet and Triplet Excited-State Dynamics of 3,7-Bis(arylethynyl)phenothiazines: Intramolecular Charge Transfer and Reverse Intersystem Crossing. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 17864-17878	3.8	5
19	Interfacing High-Energy Charge-Transfer States to a Near-IR Sensitizer for Efficient Electron Transfer upon Near-IR Irradiation. <i>Angewandte Chemie</i> , 2020 , 132, 23905-23913	3.6	5
18	Core-modified octaphyrins: Syntheses and anion-binding properties. <i>Journal of Chemical Sciences</i> , 2005 , 117, 99-103	1.8	4
17	Metal Functionalized Diketopyrrolopyrroles: A Promising Class of Materials for Optoelectronic Applications. <i>Chemical Record</i> , 2020 , 20, 596-603	6.6	4
16	Recent development on the synthesis, properties and applications of luminescent oxidized phenothiazine derivatives. <i>Journal of Materials Chemistry C</i> ,	7.1	4
15	Photoinduced Charge Separation Prompted Intervalence Charge Transfer in a Bis(thienyl)diketopyrrolopyrrole Bridged Donor-TCBD Push-Pull System. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20518-20527	16.4	4
14	Tetracyanobutadiene (TCBD) functionalized benzothiadiazole derivatives: effect of donor strength on the [2+2] cycloaddition/retroelectrocyclization reaction. <i>New Journal of Chemistry</i> , 2019 , 43, 12299-12307	3.6	3
13	2-(2,2-Bis-benzylamino-1-cyano-vinyl)-benzonitrile: A Selective Turn-off Fluorescent Cu ²⁺ Sensor. <i>ChemistrySelect</i> , 2016 , 1, 2576-2580	1.8	3
12	Supramolecular Assemblies of Sulfur- and Selenium- Containing Expanded Porphyrins Mediated Through Noncovalent Interactions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005 , 180, 845-872	1	3

11	Does Location of BF ₂ -Chelated Dipyrromethene (BODIPY) Ring Functionalization Affect Spectral and Electron Transfer Properties? Studies on π - π and Meso-Functionalized BODIPY-Derived Donor-Acceptor Dyads and Triads. <i>Journal of Physical Chemistry C</i> ,	3.8	3
10	Mechanochromic luminogens with hypsochromically shifted emission switching property: recent advances and perspectives. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 5024-5064	7.1	3
9	Donor Substituted Pyrazabole Monomers and Dimers: Design, Synthesis and Properties. <i>ChemistrySelect</i> , 2017 , 2, 415-420	1.8	2
8	Cs-Symmetric Donor-Acceptor Bis(thiazole)s: Synthesis and Photophysical, Electrochemical, and Computational Studies. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 1408-1414	3	2
7	Design and Synthesis of N-Phenylcarbazole-Substituted Diketopyrrolopyrrole-Based Monomers and Dimers: A Comparative Study. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 6474-6481	3.2	2
6	Recent development of pyridine based charge transporting materials for organic light-emitting diodes and perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 6992-7017	7.1	2
5	Design and synthesis of 1,8-naphthalimide functionalized benzothiadiazoles. <i>New Journal of Chemistry</i> , 2021 , 45, 9838-9845	3.6	1
4	Photoinduced Charge Separation Prompted Intervalence Charge Transfer in a Bis(thienyl)diketopyrrolopyrrole Bridged Donor-TCBD Push-Pull System. <i>Angewandte Chemie</i> , 2021 , 133, 20681-20690	3.6	1
3	Charge-Transfer in Panchromatic Porphyrin-Tetracyanobuta-1,3-Diene-Donor Conjugates: Switching the Role of Porphyrin in the Charge Separation Process. <i>Chemistry - A European Journal</i> , 2021 , 27, 14335-14344	4.8	1
2	Thioether linked meso functionalized BODIPY DYEmers. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 428-435	1.8	
1	Dicyanoquinodimethane (DCNQ) linked benzothiadiazole and phenothiazine derivatives for photoacoustic imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022 , 429, 113935	4.7	