Soo Young Park

List of Publications by Year
in descending order

304	22,230	8181 76	9861 141
papers	citations	h-index	g-index

314	314	314	17417
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Emission and Its Switching in Fluorescent Organic Nanoparticles. Journal of the American Chemical Society, 2002, 124, 14410-14415.	13.7	1,826
2	Advanced Organic Optoelectronic Materials: Harnessing Excitedâ€State Intramolecular Proton Transfer (ESIPT) Process. Advanced Materials, 2011, 23, 3615-3642.	21.0	992
3	Multistimuli Two-Color Luminescence Switching via Different Slip-Stacking of Highly Fluorescent Molecular Sheets. Journal of the American Chemical Society, 2010, 132, 13675-13683.	13.7	874
4	Ï€-Conjugated Cyanostilbene Derivatives: A Unique Self-Assembly Motif for Molecular Nanostructures with Enhanced Emission and Transport. Accounts of Chemical Research, 2012, 45, 544-554.	15.6	662
5	Phosphorescent iridium(<scp>iii</scp>) complexes: toward high phosphorescence quantum efficiency through ligand control. Dalton Transactions, 2009, , 1267-1282.	3.3	602
6	Strongly Fluorescent Organogel System Comprising Fibrillar Self-Assembly of a Trifluoromethyl-Based Cyanostilbene Derivative. Journal of the American Chemical Society, 2004, 126, 10232-10233.	13.7	567
7	A White-Light-Emitting Molecule: Frustrated Energy Transfer between Constituent Emitting Centers. Journal of the American Chemical Society, 2009, 131, 14043-14049.	13.7	553
8	Photoswitchable Organic Nanoparticles and a Polymer Film Employing Multifunctional Molecules with Enhanced Fluorescence Emission and Bistable Photochromism. Angewandte Chemie - International Edition, 2004, 43, 6346-6350.	13.8	472
9	Inter-Ligand Energy Transfer and Related Emission Change in the Cyclometalated Heteroleptic Iridium Complex:â€‰ Facile and Efficient Color Tuning over the Whole Visible Range by the Ancillary Ligand Structure. Journal of the American Chemical Society, 2005, 127, 12438-12439.	13.7	451
10	Luminescent distyrylbenzenes: tailoring molecular structure and crystalline morphology. Journal of Materials Chemistry C, 2013, 1, 5818.	5.5	377
11	Imidazole-Based Excited-State Intramolecular Proton-Transfer Materials:Â Synthesis and Amplified Spontaneous Emission from a Large Single Crystal. Journal of the American Chemical Society, 2005, 127, 10070-10074.	13.7	318
12	Shear- and UV-Induced Fluorescence Switching in Stilbenic Ï€-Dimer Crystals Powered by Reversible [2 + 2] Cycloaddition. Journal of the American Chemical Society, 2009, 131, 8163-8172.	13.7	308
13	Photochromic Switching of Excited-State Intramolecular Proton-Transfer (ESIPT) Fluorescence:â€‰ A Unique Route to High-Contrast Memory Switching and Nondestructive Readout. Journal of the American Chemical Society, 2006, 128, 14542-14547.	13.7	299
14	Strong Solvatochromic Fluorescence from the Intramolecular Charge-Transfer State Created by Excited-State Intramolecular Proton Transfer. Journal of the American Chemical Society, 2004, 126, 11154-11155.	13.7	292
15	Tailor-Made Highly Luminescent and Ambipolar Transporting Organic Mixed Stacked Charge-Transfer Crystals: An Isometric Donorâ€“Acceptor Approach. Journal of the American Chemical Society, 2013, 135, 4757-4764.	13.7	288
16	Polymorphic and mechanochromic luminescence modulation in the highly emissive dicyanodistyrylbenzene crystal: secondary bonding interaction in molecular stacking assembly. Journal of Materials Chemistry, 2011, 21, 8338.	6.7	275
17	Nanophotosensitizers toward advanced photodynamic therapy of Cancer. Cancer Letters, 2013, 334, 176-187.	7.2	253
18	Phosphorescent Sensor for Robust Quantification of Copper(II) Ion. Journal of the American Chemical Society, 2011, 133, 11488-11491.	13.7	238

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19	Color-Tuned Highly Fluorescent Organic Nanowires/Nanofabrics: Easy Massive Fabrication and Molecular Structural Origin. Journal of the American Chemical Society, 2009, 131, 3950-3957.	13.7	232
20	Unique Piezochromic Fluorescence Behavior of Dicyanodistyrylbenzene Based Donorâ€“Acceptorâ€“Donor Triad: Mechanically Controlled Photoâ€Induced Electron Transfer (eT) in Molecular Assemblies. Advanced Materials, 2012, 24, 5487-5492.	21.0	212
21	Organic Single Crystal Lasers: A Materials View. Advanced Optical Materials, 2016, 4, 348-364.	7.3	207
22	Triphenylamine-Cored Bifunctional Organic Molecules for Two-Photon Absorption and Photorefraction. Chemistry of Materials, 2004, 16, 456-465.	6.7	192
23	An Allâ€Smallâ€Molecule Organic Solar Cell with High Efficiency Nonfullerene Acceptor. Advanced Materials, 2015, 27, 1951-1956.	21.0	184
24	A High Efficiency Nonfullerene Organic Solar Cell with Optimized Crystalline Organizations. Advanced Materials, 2016, 28, 910-916.	21.0	179
25	Novel Quinoxaline-Based Organic Sensitizers for Dye-Sensitized Solar Cells. Organic Letters, 2011, 13, 3880-3883.	4.6	166
26	Realizing Molecular Pixel System for Full-Color Fluorescence Reproduction: RGB-Emitting Molecular Mixture Free from Energy Transfer Crosstalk. Journal of the American Chemical Society, 2013, 135, 11239-11246.	13.7	165
27	White Luminescence from Polymer Thin Films Containing Excited-State Intramolecular Proton-Transfer Dyes. Advanced Materials, 2005, 17, 2077-2082.	21.0	161
28	Dualâ€Mode Switching in Highly Fluorescent Organogels: Binary Logic Gates with Optical/Thermal Inputs. Angewandte Chemie - International Edition, 2009, 48, 7030-7034.	13.8	161
29	Organic 2D Optoelectronic Crystals: Charge Transport, Emerging Functions, and Their Design Perspective. Advanced Materials, 2018, 30, e1704759.	21.0	161
30	High Energy Organic Cathode for Sodium Rechargeable Batteries. Chemistry of Materials, 2015, 27, 7258-7264.	6.7	160
31	Mesomorphic Organization and Thermochromic Luminescence of Dicyanodistyrylbenzeneâ€Based Phasmidic Molecular Disks: Uniaxially Aligned Hexagonal Columnar Liquid Crystals at Room Temperature with Enhanced Fluorescence Emission and Semiconductivity. Advanced Functional Materials, 2012, 22, 61-69.	14.9	159
32	Dual Emission: Classes, Mechanisms, and Conditions. Angewandte Chemie - International Edition, 2021, 60, 22624-22638.	13.8	158
33	Self-Healing of Molecular Catalyst and Photosensitizer on Metalâ€“Organic Framework: Robust Molecular System for Photocatalytic H₂ Evolution from Water. Journal of the American Chemical Society, 2016, 138, 8698-8701.	13.7	157
34	Solid State Luminescence Enhancement in Ï€-Conjugated Materials: Unraveling the Mechanism beyond the Framework of AIE/AIEE. Journal of Physical Chemistry C, 2017, 121, 23166-23183.	3.1	157
35	Highly efficient and stable deep-blue emitting anthracene-derived molecular glass for versatile types of non-doped OLED applications. Journal of Materials Chemistry, 2012, 22, 123-129.	6.7	152
36	Stimuliâ€Responsive Reversible Fluorescence Switching in a Crystalline Donorâ€“Acceptor Mixture Film: Mixed Stack Chargeâ€Transfer Emission versus Segregated Stack Monomer Emission. Angewandte Chemie - International Edition, 2016, 55, 203-207.	13.8	147

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37	A Phosphorescent Ir(III) Complex for Selective Fluoride Ion Sensing with a High Signalâ€toâ€Noise Ratio. Advanced Materials, 2008, 20, 3820-3826.	21.0	146
38	Luminescence in Crystalline Organic Materials: From Molecules to Molecular Solids. Advanced Optical Materials, 2021, 9, 2002251.	7.3	146
39	A Thermoreversible and Proton-Induced Gelâ^'Sol Phase Transition with Remarkable Fluorescence Variation. Chemistry of Materials, 2008, 20, 6750-6755.	6.7	138
40	High-Contrast On/Off Fluorescence Switching via Reversible Eâ€“Z Isomerization of Diphenylstilbene Containing the Î±-Cyanostilbenic Moiety. Journal of Physical Chemistry C, 2013, 117, 11285-11291.	3.1	138
41	Strong fluorescence emission induced by supramolecular assembly and gelation: luminescent organogel from nonemissive oxadiazole-based benzene-1,3,5-tricarboxamide gelatorElectronic Supplementary Information (ESI) available: Synthetic and experimental details, X-ray diffractograms, H-bonded aggregate-state absorption and emission spectra, and original data for Fig. 1c and 2. See http://www.rsc.org/suppdata/cc/b3/b311648d/. Chemical Communications, 2004, , 70.	4.1	135
42	Comment on â€˜aggregation-induced phosphorescent emission (AIPE) of iridium(iii) complexesâ€™: origin of the enhanced phosphorescence. Chemical Communications, 2008, , 3998.	4.1	134
43	Highly Fluorescent Chameleon Nanoparticles and Polymer Films: Multicomponent Organic Systems that Combine FRET and Photochromic Switching. Journal of the American Chemical Society, 2012, 134, 12091-12097.	13.7	134
44	Highâ€Contrast Redâ€“Greenâ€“Blue Tricolor Fluorescence Switching in Bicomponent Molecular Film. Angewandte Chemie - International Edition, 2015, 54, 4330-4333.	13.8	134
45	Organic Lightâ€Emitting Diodes with a Whiteâ€Emitting Molecule: Emission Mechanism and Device Characteristics. Advanced Functional Materials, 2011, 21, 644-651.	14.9	133
46	Photopatterned Arrays of Fluorescent Organic Nanoparticles. Angewandte Chemie - International Edition, 2007, 46, 1978-1982.	13.8	126
47	Bistable Photoswitching in the Film of Fluorescent Photochromic Polymer:Â Enhanced Fluorescence Emission and Its High Contrast Switching. Macromolecules, 2005, 38, 6236-6239.	4.8	123
48	Fluorescent Zinc Sensor with Minimized Proton-Induced Interferences: Photophysical Mechanism for Fluorescence Turn-On Response and Detection of Endogenous Free Zinc Ions. Inorganic Chemistry, 2012, 51, 8760-8774.	4.0	119
49	Highly efficient deep-blue emitting organic light emitting diode based on the multifunctional fluorescent molecule comprising covalently bonded carbazole and anthracene moieties. Journal of Materials Chemistry, 2011, 21, 9139.	6.7	117
50	Excited State Intramolecular Proton Transfer and Charge Transfer Dynamics of a 2-(2â€²-Hydroxyphenyl)benzoxazole Derivative in Solution. Journal of Physical Chemistry A, 2010, 114, 5618-5629.	2.5	114
51	Highly Luminescent 2Dâ€Type Slab Crystals Based on a Molecular Chargeâ€Transfer Complex as Promising Organic Lightâ€Emitting Transistor Materials. Advanced Materials, 2017, 29, 1701346.	21.0	111
52	Direct Spectroscopic Observation of Interligand Energy Transfer in Cyclometalated Heteroleptic Iridium(III) Complexes:â€‰ A Strategy for Phosphorescence Color Tuning and White Light Generation. Journal of Physical Chemistry C, 2007, 111, 4052-4060.	3.1	107
53	Structural changes and their effect on mechanical properties of silk fibroin/chitosan blends. Journal of Applied Polymer Science, 1999, 74, 2571-2575.	2.6	106
54	Tetraphenylimidazoleâ€Based Excitedâ€State Intramolecular Protonâ€Transfer Molecules for Highly Efficient Blue Electroluminescence. Advanced Functional Materials, 2008, 18, 726-731.	14.9	103

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55	Indolo[3,2-b]indole-based crystalline hole-transporting material for highly efficient perovskite solar cells. Chemical Science, 2017, 8, 734-741.	7.4	102
56	Fluorescent Liquid-Crystal Gels with Electrically Switchable Photoluminescence. Advanced Functional Materials, 2006, 16, 1799-1804.	14.9	101
57	Highly Enhanced Fluorescence of Supramolecular Polymers Based on a Cyanostilbene Derivative and Cucurbit[8]uril in Aqueous Solution. Angewandte Chemie - International Edition, 2016, 55, 15915-15919.	13.8	100
58	Blue Electrophosphorescence from Iridium Complex Covalently Bonded to the Poly(9-dodecyl-3-vinylcarbazole):Â Suppressed Phase Segregation and Enhanced Energy Transfer. Macromolecules, 2006, 39, 349-356.	4.8	97
59	Highly Phosphorescent Iridium Complexes with Chromophoric 2-(2-Hydroxyphenyl)oxazole-Based Ancillary Ligands: Interligand Energy-Harvesting Phosphorescence. Inorganic Chemistry, 2008, 47, 1476-1487.	4.0	96
60	A ferroelectric photocatalyst for enhancing hydrogen evolution: polarized particulate suspension. Physical Chemistry Chemical Physics, 2014, 16, 10408-10413.	2.8	95
61	Strategic emission color tuning of highly fluorescent imidazole-based excited-state intramolecular proton transfer molecules. Physical Chemistry Chemical Physics, 2012, 14, 8878.	2.8	94
62	Dye-Condensed Biopolymeric Hybrids: Chromophoric Aggregation and Self-Assembly toward Fluorescent Bionanoparticles for Near Infrared Bioimaging. Chemistry of Materials, 2009, 21, 5819-5825.	6.7	90
63	Highâ€Performance nâ€type Organic Semiconductors: Incorporating Specific Electronâ€Withdrawing Motifs to Achieve Tight Molecular Stacking and Optimized Energy Levels. Advanced Materials, 2012, 24, 911-915.	21.0	89
64	High Contrast Fluorescence Patterning in Cyanostilbeneâ€Based Crystalline Thin Films: Crystallizationâ€Induced Mass Flow Via a Photoâ€Triggered Phase Transition. Advanced Materials, 2014, 26, 1354-1359.	21.0	89
65	Colorâ€Tuned, Highly Emissive Dicyanodistyrylbenzene Single Crystals: Manipulating Intermolecular Stacking Interactions for Spontaneous and Stimulated Emission Characteristics. Advanced Optical Materials, 2013, 1, 232-237.	7.3	86
66	Imidazole-Based Excited-State Intramolecular Proton-Transfer (ESIPT) Materials:â€‰ Observation of Thermally Activated Delayed Fluorescence (TDF). Journal of Physical Chemistry A, 2007, 111, 9649-9653.	2.5	85
67	Green-Sensitive Organic Photodetectors with High Sensitivity and Spectral Selectivity Using Subphthalocyanine Derivatives. ACS Applied Materials & Interfaces, 2013, 5, 13089-13095.	8.0	85
68	Fully Reversible Multistate Fluorescence Switching: Organogel System Consisting of Luminescent Cyanostilbene and Turnâ€On Diarylethene. Advanced Functional Materials, 2018, 28, 1706213.	14.9	85
69	Dual-color fluorescent nanoparticles showing perfect color-specific photoswitching for bioimaging and super-resolution microscopy. Nature Communications, 2019, 10, 3089.	12.8	85
70	Star-shaped discotic nematic liquid crystal containing 1,3,5-triethynylbenzene and oxadiazole-based rigid arms. Tetrahedron Letters, 2001, 42, 2697-2699.	1.4	83
71	Photochemically Gated Protonation Effected by Intramolecular Hydrogen Bonding: Towards Stable Fluorescence Imaging in Polymer Films. Advanced Materials, 2003, 15, 1341-1344.	21.0	81
72	Photoisomerization-induced gel-to-sol transition and concomitant fluorescence switching in a transparent supramolecular gel of a cyanostilbene derivative. Chemical Science, 2014, 5, 4845-4850.	7.4	80

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73	Triptycene-based quinone molecules showing multi-electron redox reactions for large capacity and high energy organic cathode materials in Li-ion batteries. Journal of Materials Chemistry A, 2018, 6, 3134-3140.	10.3	80
74	Multicolor Fluorescence Photoswitching: Colorâ€Correlated versus Colorâ€Specific Switching. Advanced Optical Materials, 2018, 6, 1800678.	7.3	78
75	Phenoxazine as a high-voltage p-type redox center for organic battery cathode materials: small structural reorganization for faster charging and narrow operating voltage. Energy and Environmental Science, 2020, 13, 4142-4156.	30.8	78
76	Effects of the polyamide molecular structure on the performance of reverse osmosis membranes. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 1821-1830.	2.1	77
77	Lightâ€Harvesting Fluorescent Supramolecular Block Copolymers Based on Cyanostilbene Derivatives and Cucurbit[8]urils in Aqueous Solution. Advanced Functional Materials, 2018, 28, 1705141.	14.9	77
78	Rational design for enhancing inflammation-responsive inÂvivo chemiluminescence via nanophotonic energy relay to near-infrared AIE-active conjugated polymer. Biomaterials, 2016, 84, 111-118.	11.4	75
79	Rationally designed molecular Dâ€“Aâ€“D triad for piezochromic and acidochromic fluorescence onâ€“off switching. Journal of Materials Chemistry C, 2014, 2, 2552.	5.5	74
80	Soluble Dicyanodistyrylbenzeneâ€Based Nonâ€Fullerene Electron Acceptors with Optimized Aggregation Behavior for Highâ€Efficiency Organic Solar Cells. Advanced Energy Materials, 2015, 5, 1400929.	19.5	72
81	Stimulated Emission Properties of Sterically Modified Distyrylbenzene-Based H-Aggregate Single Crystals. Journal of Physical Chemistry Letters, 2013, 4, 1597-1602.	4.6	71
82	A Deep Red Phosphorescent Ir(III) Complex for Use in Polymer Light-Emitting Diodes:Â Role of the Arylsilyl Substituents. Journal of Organic Chemistry, 2007, 72, 6241-6246.	3.2	70
83	Highâ€Mobility nâ€Type Organic Transistors Based on a Crystallized Diketopyrrolopyrrole Derivative. Advanced Functional Materials, 2013, 23, 3519-3524.	14.9	68
84	Highly fluorescent columnar liquid crystals with elliptical molecular shape: oblique molecular stacking and excited-state intramolecular proton-transfer fluorescence. Journal of Materials Chemistry, 2007, 17, 5052.	6.7	67
85	Highly Efficient Photocatalytic Water Reduction with Robust Iridium(III) Photosensitizers Containing Arylsilyl Substituents. Angewandte Chemie - International Edition, 2013, 52, 11612-11615.	13.8	66
86	Gelationâ€Induced Enhanced Fluorescence Emission from Organogels of Salicylanilideâ€Containing Compounds Exhibiting Excitedâ€State Intramolecular Proton Transfer: Synthesis and Selfâ€Assembly. Chemistry - A European Journal, 2010, 16, 7437-7447.	3.3	63
87	Amplified Spontaneous Emission from the Film of Poly(aryl ether) Dendrimer Encapsulating Excited-State Intramolecular Proton Transfer Dye. Journal of Physical Chemistry B, 2002, 106, 9291-9294.	2.6	62
88	Stimulated Resonance Raman Scattering and Laser Oscillation in Highly Emissive Distyrylbenzeneâ€Based Molecular Crystals. Advanced Materials, 2012, 24, 6473-6478.	21.0	62
89	Bio-inspired Molecular Redesign of a Multi-redox Catholyte for High-Energy Non-aqueous Organic Redox Flow Batteries. CheM, 2019, 5, 2642-2656.	11.7	61
90	Highly fluorescent supramolecular gels with chirality transcription through hydrogen bonding. Chemical Communications, 2008, , 2794.	4.1	60

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91	Remarkable Mobility Increase and Threshold Voltage Reduction in Organic Fieldâ€Effect Transistors by Overlaying Discontinuous Nanoâ€Patches of Chargeâ€Transfer Doping Layer on Top of Semiconducting Film. Advanced Materials, 2013, 25, 719-724.	21.0	59
92	Efficient and Bright Blue Electroluminescence of Poly[4,4â€˜-biphenylene-Î±-(9â€˜â€‰â€˜,9â€˜â€‰â€˜-dihexyl-3-fluorenyl)vinylene]. Macromolecules, 2001, 34, 3993-3997.	4.8	58
93	Dendritic Ir(iii) complexes functionalized with triphenylsilylphenyl groups: Synthesis, DFT calculation and comprehensive structure-property correlation. Journal of Materials Chemistry, 2009, 19, 8347.	6.7	58
94	Water-Soluble Fluorinated and PEGylated Cyanostilbene Derivative: An Amphiphilic Building Block Forming Self-Assembled Organic Nanorods with Enhanced Fluorescence Emission. Chemistry of Materials, 2013, 25, 3288-3295.	6.7	58
95	Strongly Fluorescent and Thermally Stable Functional Polybenzoxazole Film:Â Excited-State Intramolecular Proton Transfer and Chemically Amplified Photopatterning. Macromolecules, 2005, 38, 4557-4559.	4.8	57
96	High-Performance n-Type Organic Transistor with a Solution-Processed and Exfoliation-Transferred Two-Dimensional Crystalline Layered Film. Chemistry of Materials, 2012, 24, 3263-3268.	6.7	57
97	Wholly Ï€-Conjugated Low-Molecular-Weight Organogelator That Displays Triple-Channel Responses to Fluoride Ions. Langmuir, 2014, 30, 2842-2851.	3.5	56
98	Silicon-containing dendritic tris-cyclometalated Ir(iii) complex and its electrophosphorescence in a polymer host. Journal of Materials Chemistry, 2006, 16, 4706.	6.7	55
99	Design, Synthesis, and Versatile Processing of Indolo[3,2â€b]indoleâ€Based Ï€â€Conjugated Molecules for Highâ€Performance Organic Fieldâ€Effect Transistors. Advanced Functional Materials, 2016, 26, 2966-2973.	14.9	54
100	All-organic coaxial nanocables with interfacial charge-transfer layers: electrical conductivity and light-emitting-transistor behavior. Journal of Materials Chemistry, 2010, 20, 1062-1064.	6.7	52
101	Structureâ€“Property Correlation in Luminescent Indolo[3,2-b]indole (IDID) Derivatives: Unraveling the Mechanism of High Efficiency Thermally Activated Delayed Fluorescence (TADF). ACS Applied Materials & Interfaces, 2017, 9, 41413-41420.	8.0	52
102	Application of excited-state intramolecular proton transfer (ESIPT) principle to functional polymeric materials. Macromolecular Research, 2008, 16, 385-395.	2.4	51
103	Exploring the minimal structure of a wholly aromatic organogelator: simply adding two Î²-cyano groups to distyrylbenzene. Journal of Materials Chemistry, 2011, 21, 18971.	6.7	51
104	Designing Highly Efficient Cu^I Photosensitizers for Photocatalytic H₂ Evolution from Water. ChemSusChem, 2017, 10, 1883-1886.	6.8	50
105	A distyrylbenzene based highly efficient deep red/near-infrared emitting organic solid. Journal of Materials Chemistry C, 2015, 3, 231-234.	5.5	49
106	A highly efficient wide-band-gap host material for blue electrophosphorescent light-emitting devices. Applied Physics Letters, 2007, 91, 233501.	3.3	48
107	Photophysical, amplified spontaneous emission and charge transport properties of oligofluorene derivatives in thin films. Physical Chemistry Chemical Physics, 2014, 16, 16941-16956.	2.8	48
108	Microstructure analysis and thermal property of copolymers made of glycolide and ?-caprolactone by stannous octoate. Journal of Polymer Science Part A, 2002, 40, 544-554.	2.3	47

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109	Utilizing Latent Multiâ€Redox Activity of pâ€Type Organic Cathode Materials toward High Energy Density Lithiumâ€Organic Batteries. Advanced Energy Materials, 2020, 10, 2001635.	19.5	47
110	Mechanical properties and reverse osmosis performance of interfacially polymerized polyamide thin films. Journal of Membrane Science, 2002, 197, 199-210.	8.2	46
111	Polymorphism and Amplified Spontaneous Emission in a Dicyanoâ€Distyrylbenzene Derivative with Multiple Trifluoromethyl Substituents: Intermolecular Interactions in Play. Advanced Functional Materials, 2016, 26, 2349-2356.	14.9	46
112	Plasma Polymerization of Hexamethyldisilazane. Polymer Journal, 1990, 22, 242-249.	2.7	44
113	Concurrent supramolecular gelation and fluorescence turn-on triggered by coordination of silver ion. Soft Matter, 2012, 8, 7617.	2.7	44
114	Excited State Features and Dynamics in a Distyrylbenzene-Based Mixed Stack Donorâ€“Acceptor Cocrystal with Luminescent Charge Transfer Characteristics. Journal of Physical Chemistry Letters, 2015, 6, 3682-3687.	4.6	44
115	%Synthesis and Properties of Photorefractive Polymers Containing Indole-Based Multifunctional Chromophore as a Pendant Group. Macromolecules, 2000, 33, 5116-5123.	4.8	43
116	Single-crystalline organic nanowires with large mobility and strong fluorescence emission: a conductive-AFM and space-charge-limited-current study. Journal of Materials Chemistry, 2009, 19, 5920.	6.7	43
117	Excimer formation in organic emitter films associated with a molecular orientation promoted by steric hindrance. Chemical Communications, 2014, 50, 14145-14148.	4.1	43
118	High performance all-small-molecule solar cells: engineering the nanomorphology via processing additives. Journal of Materials Chemistry A, 2016, 4, 14234-14240.	10.3	43
119	Smart Fluorescent Nanoparticles in Water Showing Temperature-Dependent Ratiometric Fluorescence Color Change. ACS Applied Materials & Interfaces, 2017, 9, 2883-2890.	8.0	43
120	Dynamic Characterization of Green-Sensitive Organic Photodetectors Using Nonfullerene Small Molecules: Frequency Response Based on the Molecular Structure. Journal of Physical Chemistry C, 2014, 118, 13424-13431.	3.1	42
121	Crystallizationâ€Induced Emission Enhancement and Amplified Spontaneous Emission from a CF‹sub›3‹/sub›â€Containing Excitedâ€State Intramolecularâ€Protonâ€Transfer Molecule. Advanced Optical Materials, 2017, 5, 1700353.	7.3	41
122	A high performance green-sensitive organic photodiode comprising a bulk heterojunction of dimethyl-quinacridone and dicyanovinyl terthiophene. Journal of Materials Chemistry C, 2013, 1, 2666.	5.5	40
123	Inverted energy gap law for the nonradiative decay in fluorescent floppy molecules: larger fluorescence quantum yields for smaller energy gaps. Organic Chemistry Frontiers, 2019, 6, 1948-1954.	4.5	40
124	Excited-State Intramolecular Proton Transfer via a Preexisting Hydrogen Bond in Semirigid Polyquinoline. Macromolecules, 2000, 33, 7223-7225.	4.8	39
125	Torsion-induced fluorescence quenching in excited-state intramolecular proton transfer (ESIPT) dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 191, 19-24.	3.9	39
126	Molecular-Shape-Dependent Luminescent Behavior of Dye Aggregates: Bent versus Linear Benzocoumarins. Crystal Growth and Design, 2014, 14, 6613-6619.	3.0	39

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127	Highly Sensitive and Selective Fluorescent Probe for Ascorbic Acid with a Broad Detection Range through Dual-Quenching and Bimodal Action of Nitronyl-Nitroxide. ACS Sensors, 2016, 1, 392-398.	7.8	39
128	Designing high performance all-small-molecule solar cells with non-fullerene acceptors: comprehensive studies on photoexcitation dynamics and charge separation kinetics. Energy and Environmental Science, 2018, 11, 211-220.	30.8	38
129	Synthesis and Structural Effect of Multifunctional Photorefractive Polymers Containing Monolithic Chromophores. Macromolecules, 2003, 36, 7970-7976.	4.8	37
130	Synthesis of photoconducting nonlinear optical side-chain polymers containing carbazole derivatives. Reactive and Functional Polymers, 1999, 42, 73-86.	4.1	36
131	Self-assembled perpendicular growth of organic nanoneedles via simple vapor-phase deposition: one-step fabrication of a superhydrophobic surface. Chemical Communications, 2008, , 2998.	4.1	35
132	Dynamic dual stage phosphorescence chromatic change in a diborylated iridium phosphor for fluoride ion sensing with concentration discriminating capability. RSC Advances, 2013, 3, 6553.	3.6	35
133	Selfâ€Assembled Organic Single Crystalline Nanosheet for Solution Processed Highâ€Performance nâ€Channel Fieldâ€Effect Transistors. Advanced Materials, 2016, 28, 6011-6015.	21.0	35
134	Vibrationally Assisted Direct Intersystem Crossing between the Same Charge-Transfer States for Thermally Activated Delayed Fluorescence: Analysis by Marcusâ€“Hush Theory Including Reorganization Energy. Journal of Physical Chemistry B, 2021, 125, 2696-2706.	2.6	35
135	Fabrication of a Patterned Assembly of Semiconducting Organic Nanowires. Small, 2009, 5, 804-807.	10.0	34
136	Concentration and pH-modulated dual fluorescence in self-assembled nanoparticles of phototautomerizable biopolymeric amphiphile. Dyes and Pigments, 2011, 90, 284-289.	3.7	33
137	The role of substituents in determining the redox potential of organic electrode materials in Li and Na rechargeable batteries: electronic effects vs. substituent-Li/Na ionic interaction. Journal of Materials Chemistry A, 2019, 7, 11438-11443.	10.3	33
138	Excited-State Intramolecular Proton Transfer in a Dendritic Macromolecular System:Â Poly(aryl ether) Dendrimers with Phototautomerizable Quinoline Core. Macromolecules, 2002, 35, 2748-2753.	4.8	32
139	A thermally resistant and air-stable n-type organic semiconductor: Naphthalene diimide of 3,5-bis-trifluoromethyl aniline. Synthetic Metals, 2009, 159, 2117-2121.	3.9	32
140	Orthogonal Resonator Modes and Low Lasing Threshold in Highly Emissive Distyrylbenzeneâ€Based Molecular Crystals. Advanced Optical Materials, 2014, 2, 542-548.	7.3	32
141	Anisotropic Polysilsesquioxanes with Fluorescent Organic Bridges:Â Transcription of Strong Ï€â^Ï€ Interactions of Organic Bridges to the Long-Range Ordering of Silsesquioxanes. Chemistry of Materials, 2006, 18, 5716-5721.	6.7	31
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