

# Jong-In Hong

## List of Publications by Year in descending order

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156  
papers

6,898  
citations

71102

41  
h-index

66911

78  
g-index

161  
all docs

161  
docs citations

161  
times ranked

7390  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemosensors for Pyrophosphate. <i>Accounts of Chemical Research</i> , 2009, 42, 23-31.	15.6	618
2	Fluorescent Chemodosimeter for Selective Detection of Cyanide in Water. <i>Organic Letters</i> , 2008, 10, 49-51.	4.6	425
3	A Fluorescent Pyrophosphate Sensor with High Selectivity over ATP in Water. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4777-4780.	13.8	363
4	An Azophenol-based Chromogenic Pyrophosphate Sensor in Water. <i>Journal of the American Chemical Society</i> , 2003, 125, 7752-7753.	13.7	302
5	Fluorescence turn-on probe for homocysteine and cysteine in water. <i>Chemical Communications</i> , 2008, , 6173.	4.1	230
6	Fluorescence Turn-On Sensor for Cyanide Based on a Cobalt(II)-Coumarinylsalen Complex. <i>Organic Letters</i> , 2010, 12, 764-767.	4.6	225
7	Ion pair recognition by Zn-porphyrin/crown ether conjugates: visible sensing of sodium cyanide. Electronic supplementary information (ESI) available: selected spectral data for 3a and 3b, detailed dimerization phenomena, and Fig. S1. See <a href="http://www.rsc.org/suppdata/cc/b1/b109596j/">http://www.rsc.org/suppdata/cc/b1/b109596j/</a> . <i>Chemical Communications</i> , 2002, , 512-513.	4.1	213
8	Fluorescent dye-doped silica nanoparticles: new tools for bioapplications. <i>Chemical Communications</i> , 2012, 48, 2270.	4.1	212
9	Selective anion sensing based on a dual-chromophore approach. <i>Chemical Communications</i> , 2001, , 1188-1189.	4.1	172
10	A fluorescent pyrophosphate sensor via excimer formation in water. <i>Chemical Communications</i> , 2005, , 1690.	4.1	156
11	New Host Material for High-Performance Blue Phosphorescent Organic Electroluminescent Devices. <i>Advanced Materials</i> , 2012, 24, 2911-2915.	21.0	149
12	Color Tuning of Cyclometalated Iridium Complexes through Modification of Phenylpyrazole Derivatives and Ancillary Ligand Based on ab Initio Calculations. <i>Organometallics</i> , 2005, 24, 1578-1585.	2.3	138
13	Highly Efficient Light-Harvesting System Based on a Phosphorescent Acceptor Coupled with Dendrimer Donors via Singlet-Singlet and Triplet-Triplet Energy Transfer. <i>Chemistry of Materials</i> , 2007, 19, 3673-3680.	6.7	109
14	High-Affinity Pyrophosphate Receptor by a Synergistic Effect between Metal Coordination and Hydrogen Bonding in Water. <i>Organic Letters</i> , 2007, 9, 3729-3731.	4.6	109
15	Selective Fluorescent Chemosensor for the Bacterial Alarmone (p)ppGpp. <i>Journal of the American Chemical Society</i> , 2008, 130, 784-785.	13.7	96
16	Versatile RNA Interference Nanoplatfor for Systemic Delivery of RNAs. <i>ACS Nano</i> , 2014, 8, 4559-4570.	14.6	93
17	Highly Stereospecific Generation of Helical Chirality by Imprinting with Amino Acids: A Universal Sensor for Amino Acid Enantiopurity. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8657-8660.	13.8	90
18	Efficient Electrogenerated Chemiluminescence from Bis-Cyclometalated Iridium(III) Complexes with Substituted 2-Phenylquinoline Ligands. <i>Journal of Physical Chemistry C</i> , 2007, 111, 2280-2286.	3.1	84

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19	A new fluorescent sensor for the detection of pyrophosphate based on a tetraphenylethylene moiety. <i>Tetrahedron Letters</i> , 2010, 51, 1960-1962.	1.4	80
20	A Bifunctional Molecule as an Artificial Flavin Mononucleotide Cyclase and a Chemosensor for Selective Fluorescent Detection of Flavins. <i>Journal of the American Chemical Society</i> , 2009, 131, 10107-10112.	13.7	78
21	Electrogenerated Chemiluminescent Anion Sensing: Selective Recognition and Sensing of Pyrophosphate. <i>Analytical Chemistry</i> , 2010, 82, 8259-8265.	6.5	75
22	Visual Detection of Cyanide through Intramolecular Hydrogen Bond. <i>Chemistry Letters</i> , 2007, 36, 816-817.	1.3	70
23	Microtubule Formation Using Two-Component Gel System. <i>Journal of the American Chemical Society</i> , 2007, 129, 1040-1041.	13.7	64
24	Selective Fluorescent Detection of Flavin Adenine Dinucleotide in Human Eosinophils by Using Bis(Zn <sup>2+</sup> -Dipicolylamine) Complex. <i>Journal of the American Chemical Society</i> , 2007, 129, 4524-4525.	13.7	64
25	Dynamic Equilibrium between a Supramolecular Capsule and Bowl Generated by Inter- and Intramolecular Metal Clipping. <i>Chemistry - A European Journal</i> , 2005, 11, 235-241.	3.3	63
26	A bipolar host containing 1,2,3-triazole for realizing highly efficient phosphorescent organic light-emitting diodes. <i>New Journal of Chemistry</i> , 2010, 34, 1317.	2.8	59
27	Sulfuric acid vapor treatment for enhancing the thermoelectric properties of PEDOT:PSS thin-films. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 6122-6127.	2.2	58
28	An Enantiomerically Pure Propeller-Shaped Supramolecular Capsule Based on the Stereospecific Self-Assembly of Two Chiral Tris(oxazoline) Ligands around Three Ag <sup>I</sup> Ions. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3174-3177.	13.8	54
29	Control of Macroscopic Helicity by Using the Sergeants&Soldiers Principle in Organogels. <i>Chemistry - A European Journal</i> , 2008, 14, 6040-6043.	3.3	54
30	Detection of Kinase Activity Using Versatile Fluorescence Quencher Probes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4919-4923.	13.8	53
31	A Highly Selective and Sensitive Fluorescence Sensing System for Distinction between Diphosphate and Nucleoside Triphosphates. <i>Journal of Organic Chemistry</i> , 2011, 76, 417-423.	3.2	53
32	Interaction of a New Fluorescent Probe with DNA and its Use in Determination of DNA. <i>Journal of Fluorescence</i> , 2008, 18, 175-181.	2.5	52
33	Azo dye-based latent colorimetric chemodosimeter for the selective detection of cyanides in aqueous buffer. <i>Sensors and Actuators B: Chemical</i> , 2012, 174, 140-144.	7.8	51
34	The Bacterial Alarmone (p)ppGpp Activates the Type III Secretion System in <i>Erwinia amylovora</i> . <i>Journal of Bacteriology</i> , 2015, 197, 1433-1443.	2.2	51
35	Self-discrimination of the racemic ligands in the self-assembly of [(dppp)Pt(L)] <sub>2</sub> <sup>4+</sup> . <i>Chemical Communications</i> , 2001, , 743-744.	4.1	50
36	Self-assembled nanoscale capsules between resorcin[4]arene derivatives and Pd(ii) or Pt(ii) complexes. <i>Chemical Communications</i> , 2001, , 1554-1555.	4.1	49

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37	A selective fluorescent sensor for Pb(II) in water. <i>Tetrahedron Letters</i> , 2006, 47, 8851-8854.	1.4	49
38	Self-Assembled Poly(3,4-ethylene dioxythiophene):Poly(styrenesulfonate)/Graphene Quantum Dot Organogels for Efficient Charge Transport in Photovoltaic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 11069-11073.	8.0	46
39	Phosphorescent Thymidine Triphosphate Sensor Based on a Donor-Acceptor Ensemble System using Intermolecular Energy Transfer. <i>Chemistry - A European Journal</i> , 2008, 14, 9613-9619.	3.3	44
40	A Regulatory Feedback Loop between RpoS and SpoT Supports the Survival of <i>Legionella pneumophila</i> in Water. <i>Applied and Environmental Microbiology</i> , 2015, 81, 918-928.	3.1	42
41	Carbohydrate Recognition by Porphyrin-Based Molecularly Imprinted Polymers. <i>Organic Letters</i> , 2005, 7, 963-966.	4.6	41
42	Efficient deep-blue emitters based on triphenylamine-linked benzimidazole derivatives for nondoped fluorescent organic light-emitting diodes. <i>Organic Electronics</i> , 2013, 14, 2497-2504.	2.6	41
43	Effect of main ligands on organic photovoltaic performance of Ir(III) complexes. <i>New Journal of Chemistry</i> , 2011, 35, 2557.	2.8	40
44	Naphthalimide-based fluorescent Zn <sup>2+</sup> chemosensors showing PET effect according to their linker length in water. <i>Tetrahedron Letters</i> , 2009, 50, 2822-2824.	1.4	39
45	Pyrene end-capped oligothiophene derivatives for organic thin-film transistors and organic solar cells. <i>New Journal of Chemistry</i> , 2012, 36, 1813.	2.8	38
46	Signal Amplification via Intramolecular Energy Transfer Using Tripodal Neutral Iridium(III) Complexes upon Binding to Avidin. <i>Journal of the American Chemical Society</i> , 2008, 130, 3726-3727.	13.7	36
47	Dual signal (color change and fluorescence ON-OFF) ensemble system based on bis(Dpa-CuII) complex for detection of PPI in water. <i>Tetrahedron Letters</i> , 2009, 50, 1951-1953.	1.4	36
48	Electrogenerated Chemiluminescent Chemodosimeter Based on a Cyclometalated Iridium(III) Complex for Sensitive Detection of Thiophenol. <i>Analytical Chemistry</i> , 2019, 91, 1353-1359.	6.5	36
49	New Organic Dye Based on a 3,6-Disubstituted Carbazole Donor for Efficient Dye-Sensitized Solar Cells. <i>Chemistry - an Asian Journal</i> , 2012, 7, 343-350.	3.3	35
50	One-Dimensional Double Helical Structure and 4-Fold Type [2 + 2] Interpenetration of Diamondoid Networks with Helical Fashion. <i>Crystal Growth and Design</i> , 2008, 8, 587-591.	3.0	34
51	Highly sensitive chemosensor for detection of PPI with improved detection limit. <i>Tetrahedron Letters</i> , 2011, 52, 4944-4946.	1.4	34
52	Electrochemiluminescent chemodosimeter based on iridium(III) complex for point-of-care detection of homocysteine levels. <i>Biosensors and Bioelectronics</i> , 2017, 91, 497-503.	10.1	33
53	High-Efficiency Thermally Activated Delayed Fluorescence Emitters with High Horizontal Orientation and Narrow Deep-Blue Emission. <i>Advanced Optical Materials</i> , 2021, 9, 2100406.	7.3	33
54	Potential-Dependent Electrochemiluminescence for Selective Molecular Sensing of Cyanide. <i>Analytical Chemistry</i> , 2020, 92, 6019-6025.	6.5	32

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55	Homogeneous Electrochemical Assay for Protein Kinase Activity. <i>Analytical Chemistry</i> , 2014, 86, 10992-10995.	6.5	30
56	Quencher-free fluorophore ensemble for detection of pyrophosphate in water. <i>Tetrahedron Letters</i> , 2007, 48, 4477-4480.	1.4	29
57	High-performance organic semiconductors for thin-film transistors based on 2,7-divinyl[1]benzothieno[3,2-b]benzothiophene. <i>Journal of Materials Chemistry</i> , 2008, 18, 4698.	6.7	29
58	Correlations of Optical Absorption, Charge Trapping, and Surface Roughness of TiO <sub>2</sub> Photoanode Layer Loaded with Neat Ag-NPs for Efficient Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 21522-21530.	8.0	27
59	Fully rubbery synaptic transistors made out of all-organic materials for elastic neurological electronic skin. <i>Nano Research</i> , 2022, 15, 758-764.	10.4	26
60	High-performance organic semiconductors for thin-film transistors based on 2,6-bis(2-thienylvinyl)anthracene. <i>Journal of Materials Chemistry</i> , 2008, 18, 2234.	6.7	25
61	Highly sensitive detection of DNA by electrogenerated chemiluminescence amplification using dendritic Ru(bpy) <sub>3</sub> <sup>2+</sup> -doped silica nanoparticles. <i>Analyst</i> , 2010, 135, 603.	3.5	25
62	A chemodosimetric gelation system showing fluorescence and sol-to-gel transition for fluoride anions in aqueous media. <i>New Journal of Chemistry</i> , 2012, 36, 1145.	2.8	25
63	Fluorescent probes designed for detecting human serum albumin on the basis of its pseudo-esterase activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2093-2097.	2.2	25
64	Ratiometric Fluorescent Probes for Hydrogen Peroxide from a Focused Library. <i>Chemistry - A European Journal</i> , 2013, 19, 14791-14794.	3.3	25
65	Induction of Diastereoselectivity in Fe(II) Tris(amino acid-bipyridine) Complexes. <i>Journal of Organic Chemistry</i> , 2001, 66, 5008-5011.	3.2	24
66	Fluorescent sensing system for palladium(II) based on the Heck reaction. <i>Tetrahedron Letters</i> , 2011, 52, 1512-1514.	1.4	24
67	New sulfur-containing host materials for blue phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 21720.	6.7	24
68	Functionalized organic dyes containing a phenanthroimidazole donor for dye-sensitized solar cell applications. <i>Tetrahedron</i> , 2012, 68, 5590-5598.	1.9	24
69	Photoluminescence and Electrochemiluminescence Dual-Signaling Sensors for Selective Detection of Cysteine Based on Iridium(III) Complexes. <i>ACS Omega</i> , 2019, 4, 12616-12625.	3.5	23
70	Selective electrochemiluminescent detection of sulfide based on a dual-quenching cyclometalated Ir(III) complex. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127656.	7.8	23
71	Two-photon fluorescent probe for peroxyxynitrite. <i>Tetrahedron Letters</i> , 2016, 57, 715-718.	1.4	22
72	Zn <sup>2+</sup> fluorescent chemosensors and the influence of their spacer length on tuning Zn <sup>2+</sup> selectivity. Electronic supplementary information (ESI) available: job plot, partial 1H NMR spectra of free 3 and the Zn <sup>2+</sup> complex, Ca <sup>2+</sup> and Mg <sup>2+</sup> interference for Zn <sup>2+</sup> sensing of 3, K <sub>d</sub> measurements, and buffer preparation. See <a href="http://www.rsc.org/suppdata/p2/b2/b200462c/">http://www.rsc.org/suppdata/p2/b2/b200462c/</a> . <i>Perkin Transactions II RSC</i> , 2002, , 923-927.	1.1	21

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73	Phosphorescent Sensor for Phosphorylated Peptides Based on an Iridium Complex. <i>Journal of Organic Chemistry</i> , 2014, 79, 6000-6005.	3.2	21
74	Ir(III) complex-based phosphorescence and electrochemiluminescence chemodosimetric probes for Hg(II) ions with high selectivity and sensitivity. <i>Dalton Transactions</i> , 2018, 47, 3803-3810.	3.3	21
75	Water-soluble supramolecular bowls formed by intra-clipping of resorcin[4]arene-based ligands with Pd(II) ions. Electronic supplementary information (ESI) available: spectral data. See <a href="http://www.rsc.org/suppdata/cc/b2/b212855a/">http://www.rsc.org/suppdata/cc/b2/b212855a/</a> . <i>Chemical Communications</i> , 2003, , 998-999.	4.1	20
76	Solution processable donor materials based on thiophene and triphenylamine for bulk heterojunction solar cells. <i>New Journal of Chemistry</i> , 2010, 34, 744.	2.8	20
77	Nonvolatile floating gate organic memory device based on pentacene/CdSe quantum dot heterojunction. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	19
78	Iridium(III) complex-based electrochemiluminescent probe for H <sub>2</sub> S. <i>Dalton Transactions</i> , 2019, 48, 4565-4573.	3.3	19
79	The Stringent Response Contributes to Persistent Methicillin-Resistant <i>Staphylococcus aureus</i> Endovascular Infection Through the Purine Biosynthetic Pathway. <i>Journal of Infectious Diseases</i> , 2020, 222, 1188-1198.	4.0	19
80	Helical Assembly through Charged Hydrogen Bonds in Aqueous Solvent. <i>Organic Letters</i> , 2003, 5, 1051-1054.	4.6	18
81	A Doubly Signal-Enhanced DNA Detection Method Based on Pre-Complexed [Ru(bpy) <sub>3</sub> ] <sup>2+</sup> -Doped Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2010, 16, 11572-11575.	3.3	18
82	Microfluidic bead-based sensing platform for monitoring kinase activity. <i>Biosensors and Bioelectronics</i> , 2014, 57, 1-9.	10.1	18
83	Enhanced performance of polymer bulk heterojunction solar cells employing multifunctional iridium complexes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 10195-10200.	5.5	18
84	Structural and Morphological Evolution for Water-resistant Organic Thermoelectrics. <i>Scientific Reports</i> , 2017, 7, 13287.	3.3	18
85	Electrochemiluminescent detection of glucose in human serum by BODIPY-based chemodosimeters for hydrogen peroxide using accelerated self-immolation of boronates. <i>Chemical Communications</i> , 2020, 56, 7577-7580.	4.1	18
86	Focused Fluorescent Probe Library for Metal Cations and Biological Anions. <i>ACS Combinatorial Science</i> , 2013, 15, 483-490.	3.8	17
87	Blue thermally activated delayed fluorescence emitter using modulated triazines as electron acceptors. <i>Dyes and Pigments</i> , 2020, 172, 107864.	3.7	17
88	Vacuum-depositable thiophene- and benzothiadiazole-based donor materials for organic solar cells. <i>New Journal of Chemistry</i> , 2015, 39, 9591-9595.	2.8	16
89	Zinc Ion-immobilized Magnetic Microspheres for Enrichment and Identification of Multi-phosphorylated Peptides by Mass Spectrometry. <i>Analytical Sciences</i> , 2017, 33, 1381-1385.	1.6	16
90	Imprinting and locking chiral memory for stereoselective catalysis. <i>Chemical Communications</i> , 2007, , 120-122.	4.1	15

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91	Non-doped thermally activated delayed fluorescent organic light-emitting diodes using an intra- and intermolecular exciplex system with a meta-linked acridine-triazine conjugate. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9049-9054.	5.5	15
92	An Enantiomerically Pure Propeller-Shaped Supramolecular Capsule Based on the Stereospecific Self-Assembly of Two Chiral Tris(oxazoline) Ligands around Three Agglons. <i>Angewandte Chemie</i> , 2002, 114, 3306-3309.	2.0	14
93	Dimeric Capsules with a Nanoscale Cavity for [60]Fullerene Encapsulation. <i>Chemistry - A European Journal</i> , 2008, 14, 5353-5359.	3.3	14
94	Self-Assembled Organic Microtubes from Amphiphilic Molecules. <i>Chemistry - an Asian Journal</i> , 2009, 4, 226-235.	3.3	14
95	Nano- and Microstructure Fabrication by Using a Three-Component System. <i>Chemistry - A European Journal</i> , 2010, 16, 4836-4842.	3.3	14
96	Apoptotic Cell Imaging Using Phosphatidylserine-Specific Receptor-Conjugated Ru(bpy) <sub>3</sub> <sup>2+</sup> -Doped Silica Nanoparticles. <i>Small</i> , 2010, 6, 1499-1503.	10.0	14
97	Fluorescent Chemosensor for Detection of PPI Through the Inhibition of Excimer Emission in Water. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 716-719.	1.9	14
98	Extremely deep-blue fluorescent emitters with CIEy = 0.04 for non-doped organic light-emitting diodes based on an indenophenanthrene core. <i>Dyes and Pigments</i> , 2017, 144, 9-16.	3.7	13
99	Pulsed Driving Methods for Enhancing the Stability of Electrochemiluminescence Devices. <i>ACS Photonics</i> , 2018, 5, 3723-3730.	6.6	13
100	Supramolecular Functionalization for Improving Thermoelectric Properties of Single-Walled Carbon Nanotubes-Small Organic Molecule Hybrids. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 51387-51396.	8.0	13
101	Iridium(III) complex-based phosphorescent and electrochemiluminescent dual sensor for selective detection of glutathione. <i>Sensors and Actuators B: Chemical</i> , 2021, 342, 129868.	7.8	13
102	Electrochemiluminescent chemodosimetric probes for sulfide based on cyclometalated Ir(III) complexes. <i>RSC Advances</i> , 2017, 7, 10865-10868.	3.6	12
103	Effect of a π-linker of push-pull A donor molecules on the performance of organic photodetectors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11145-11152.	5.5	12
104	Activity-based fluorescent probes for monitoring sulfatase activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4939-4941.	2.2	11
105	Metal-free organic dyes with benzothiadiazole as an internal acceptor for dye-sensitized solar cells. <i>Tetrahedron</i> , 2013, 69, 9175-9182.	1.9	11
106	Oligothiophene-modified silver/silica core-shell nanoparticles for inhibiting open-circuit voltage drop and aggregation in polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15357-15364.	10.3	11
107	Linear-shaped thermally activated delayed fluorescence emitter using 1,5-naphthyridine as an electron acceptor for efficient light extraction. <i>Organic Electronics</i> , 2020, 78, 105600.	2.6	11
108	Twisted small organic molecules for high thermoelectric performance of single-walled carbon nanotubes/small organic molecule hybrids through mild charge transfer interactions. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8483-8488.	5.5	11



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109	Unidirectional helical assembly via triple hydrogen bonds between chiral tris(oxazoline) and achiral tris(imidazoline). <i>Tetrahedron Letters</i> , 2004, 45, 1339-1342.	1.4	10
110	A fluorescent probe for a lewisite simulant. <i>New Journal of Chemistry</i> , 2016, 40, 9021-9024.	2.8	10
111	Effect of the $\pi$ -linker on the performance of organic photovoltaic devices based on push-pull A molecules. <i>New Journal of Chemistry</i> , 2018, 42, 11458-11464.	2.8	10
112	Click-To-Twist Strategy To Build Blue-to-Green Emitters: Bulky Triazoles for Electronically Tunable and Thermally Activated Delayed Fluorescence. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 12286-12295.	8.0	10
113	Electrochemiluminescent $\alpha$ -turn-on chemosensor based on the selective recognition binding kinetics with glutathione. <i>Sensors and Actuators B: Chemical</i> , 2022, 357, 131408.	7.8	10
114	Efficient blue phosphorescent host through nonbonded conformational locking interactions. <i>New Journal of Chemistry</i> , 2008, 32, 1368.	2.8	9
115	4,4'-Di(pyren-1-yl)-1,1'-biphenyl as an efficient material for organic light-emitting diodes and thin-film transistors. <i>New Journal of Chemistry</i> , 2013, 37, 2881.	2.8	9
116	Fluorescent chemosensor for biological zinc ions. <i>Supramolecular Chemistry</i> , 2013, 25, 2-6.	1.2	9
117	Two-dimensional sensor array for discrimination of amines. <i>Tetrahedron Letters</i> , 2013, 54, 2890-2893.	1.4	9
118	Flavin-mediated photo-oxidation for the detection of mitochondrial flavins. <i>Chemical Communications</i> , 2016, 52, 13487-13490.	4.1	9
119	Sulfatase activity assay using an activity-based probe by generation of N-methyl isoindole under reducing conditions. <i>Analytical Biochemistry</i> , 2017, 526, 33-38.	2.4	9
120	High-efficiency thermally activated delayed fluorescence emitters via a high horizontal dipole ratio and controlled dual emission. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8012-8017.	5.5	9
121	Highly Selective Electrochemiluminescence Chemosensor for Sulfide Enabled by Hierarchical Reactivity. <i>Analytical Chemistry</i> , 2022, 94, 5091-5098.	6.5	9
122	Formation of a discrete helical assembly and packing pattern through charged hydrogen bonds and van der Waals interactions. <i>CrystEngComm</i> , 2007, 9, 78-83.	2.6	8
123	2,5-di-[2-(3,5-bis(2-pyridylmethyl)amine-4-hydroxy-phenyl) ethylene] pyrazine zinc complex as fluorescent probe for labeling proteins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 1127-1133.	3.9	8
124	Paper Strip-based Fluorometric Determination of Cyanide with an Internal Reference. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 1320-1325.	1.9	8
125	Enhanced thermoelectric performance of SWNT/organic small molecule (OSM) hybrid materials by tuning of the energy level of OSMs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12795-12799.	5.5	8
126	Electrodeposition of Zinc Oxide Nanowires as a Counter Electrode in Electrochromic Devices. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 358-361.	1.9	8



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127	Spiro-type TADF emitters based on acridine donors and anthracenone acceptor. <i>Dyes and Pigments</i> , 2022, 197, 109873.	3.7	8
128	Organic thin-film transistors based on 2,6-bis(2-arylviny)anthracene: high-performance organic semiconductors. <i>New Journal of Chemistry</i> , 2008, 32, 2006.	2.8	7
129	Direct exfoliation of carbon allotropes with structural analogues of self-assembled nanostructures and their photovoltaic applications. <i>Chemical Communications</i> , 2014, 50, 14851-14854.	4.1	7
130	Electrostatics-driven sensing platform: Graphene oxide-probe conjugate for the selective detection of pyrophosphate. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 706-711.	7.8	7
131	Detection of bacterial sulfatase activity through liquid- and solid-phase colony-based assays. <i>AMB Express</i> , 2017, 7, 150.	3.0	7
132	Spectrofluorimetric Determination of Bisphosphonates in Biological Sample with a Fluorescent Chemosensor, NadDPA-2Zn <sup>2+</sup> . <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2561-2564.	1.9	7
133	Relative Binding Affinities of Alkali Metal Cations to [18]Starand in Methanol: Computational and Experimental Studies. <i>Journal of Organic Chemistry</i> , 2000, 65, 536-542.	3.2	6
134	Carbohydrate Recognition by C <sub>3</sub> -Symmetric Polypyridine Hosts. <i>Supramolecular Chemistry</i> , 2007, 19, 251-256.	1.2	6
135	Vacuum processable donor material based on dithieno[3,2-b:2',3'-d]thiophene and pyrene for efficient organic solar cells. <i>RSC Advances</i> , 2014, 4, 24453-24457.	3.6	6
136	Self-assembled organogels based on two-component system. <i>Tetrahedron</i> , 2008, 64, 10531-10537.	1.9	5
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152	Cover Picture: Highly Stereospecific Generation of Helical Chirality by Imprinting with Amino Acids: A Universal Sensor for Amino Acid Enantiopurity ( <i>Angew. Chem. Int. Ed.</i> 45/2008). <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8535-8535.	13.8	0
153	Titelbild: Highly Stereospecific Generation of Helical Chirality by Imprinting with Amino Acids: A Universal Sensor for Amino Acid Enantiopurity ( <i>Angew. Chem.</i> 45/2008). <i>Angewandte Chemie</i> , 2008, 120, 8663-8663.	2.0	0
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