

# Young-A Son

## List of Publications by Year in descending order

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281  
papers

3,716  
citations

126858

33  
h-index

223716

46  
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281  
all docs

281  
docs citations

281  
times ranked

3633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodamine-chloronicotinaldehyde-based "OFF-ON" chemosensor for the colorimetric and fluorescent determination of Al <sup>3+</sup> ions. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 75-84.	4.0	87
2	A dual chemosensor for both Cu <sup>2+</sup> and Al <sup>3+</sup> : A potential Cu <sup>2+</sup> and Al <sup>3+</sup> switched YES logic function with an INHIBIT logic gate and a novel solid sensor for detection and extraction of Al <sup>3+</sup> ions from aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 447-458.	4.0	80
3	Synthesis of new TiO <sub>2</sub> /porphyrin-based composites and photocatalytic studies on methylene blue degradation. <i>Dyes and Pigments</i> , 2019, 160, 37-47.	2.0	79
4	Durable antimicrobial nylon 66 fabrics: Ionic interactions with quaternary ammonium salts. <i>Journal of Applied Polymer Science</i> , 2003, 90, 2194-2199.	1.3	76
5	Imparting durable antimicrobial properties to cotton fabrics using quaternary ammonium salts through 4-aminobenzenesulfonic acid-chloro-triazine adduct. <i>European Polymer Journal</i> , 2006, 42, 3059-3067.	2.6	74
6	Thermodynamic parameters of disperse dyeing on several polyester fibers having different molecular structures. <i>Dyes and Pigments</i> , 2005, 67, 229-234.	2.0	68
7	Efficient rhodamine-thiosemicarbazide-based colorimetric/fluorescent "turn-on" chemodosimeters for the detection of Hg <sup>2+</sup> in aqueous samples. <i>Sensors and Actuators B: Chemical</i> , 2015, 214, 101-110.	4.0	67
8	Colorimetric and "turn-on" fluorescent determination of Hg <sup>2+</sup> ions based on a rhodamine-pyridine derivative. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 388-397.	4.0	65
9	A highly selective dual-channel Cu <sup>2+</sup> and Al <sup>3+</sup> chemodosimeter in aqueous systems: Sensing in living cells and microfluidic flows. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 173-182.	4.0	65
10	A rhodamine scaffold immobilized onto mesoporous silica as a fluorescent probe for the detection of Fe (III) and applications in bio-imaging and microfluidic chips. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 404-412.	4.0	59
11	Uniform assembly of gold nanoparticles on S-doped g-C <sub>3</sub> N <sub>4</sub> nanocomposite for effective conversion of 4-nitrophenol by catalytic reduction. <i>Journal of Materials Science and Technology</i> , 2020, 40, 176-184.	5.6	58
12	Effect of reactive anionic agent on dyeing of cellulosic fibers with a Berberine colorant. <i>Dyes and Pigments</i> , 2004, 60, 121-127.	2.0	57
13	Synthesis of novel squaraine-bis(rhodamine-6G): A fluorescent chemosensor for the selective detection of Hg <sup>2+</sup> . <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 779-787.	4.0	54
14	A highly selective fluorescent chemosensor for Hg <sup>2+</sup> based on a squaraine-bis(rhodamine-B) derivative: Part II. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 519-532.	4.0	54
15	AIE-active and reversible mechanochromic tetraphenylethene-tetradiphenylacrylonitrile hybrid luminogens with re-writable optical data storage application. <i>Dyes and Pigments</i> , 2017, 146, 7-13.	2.0	51
16	A reaction based colorimetric chemosensor for the detection of cyanide ion in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 319-326.	4.0	49
17	A coumarin-derived Cu <sup>2+</sup> -fluorescent chemosensor and its direct application in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 571-580.	2.0	48
18	Effect of reactive anionic agent on dyeing of cellulosic fibers with a Berberine colorant" part 2: anionic agent treatment and antimicrobial activity of a Berberine dyeing. <i>Dyes and Pigments</i> , 2005, 64, 85-89.	2.0	47

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19	Prompt liquid-phase visual detection and low-cost vapor-phase detection of DCP, a chemical warfare agent mimic. <i>Sensors and Actuators B: Chemical</i> , 2016, 235, 447-456.	4.0	47
20	Tunable emission of hydrazine-containing bipyrrrole fluorine <sup>18</sup> boron complexes by linear extension. <i>Dyes and Pigments</i> , 2016, 124, 232-240.	2.0	45
21	Highly selective naphthalimide-benzothiazole hybrid-based colorimetric and turn on fluorescent chemosensor for cyanide and tryptophan detection in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 143-152.	4.0	45
22	Ultrasonic synthesis of $\text{Zn-MnO}_2$ nanorods: An efficient catalytic conversion of refractory pollutant, methylene blue. <i>Ultrasonics Sonochemistry</i> , 2020, 62, 104870.	3.8	45
23	D <sup>19</sup> A solvatochromic charge transfer dyes containing a 2-cyanomethylene-3-cyano-4,5,5-trimethyl-2,5-dihydrofuran acceptor. <i>Dyes and Pigments</i> , 2010, 84, 169-175.	2.0	44
24	Efficient luminescence from easily prepared fluorine <sup>18</sup> boron core complexes based on benzothiazole and benzoxazole. <i>Dyes and Pigments</i> , 2014, 107, 182-187.	2.0	43
25	Rhodamine-fluorene based dual channel probe for the detection of $\text{Hg}^{2+}$ ions and its application in digital printing. <i>Sensors and Actuators B: Chemical</i> , 2018, 261, 545-552.	4.0	43
26	Dual sensing performance of a rhodamine-derived scaffold for the determination of $\text{Cu}^{2+}$ and $\text{Ce}^{4+}$ in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 1254-1265.	4.0	42
27	Synthesis of near-infrared absorbing pyrylium-squaraine dye for selective detection of $\text{Hg}^{2+}$ . <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 847-856.	4.0	41
28	Developing an RGB - Arduino device for the multi-color recognition, detection and determination of $\text{Fe(III)}$ , $\text{Co(II)}$ , $\text{Hg(II)}$ and $\text{Sn(II)}$ in aqueous media by a terpyridine moiety. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126723.	4.0	40
29	Synthesis of azo and anthraquinone dyes and dyeing of nylon-6,6 in supercritical carbon dioxide. <i>Journal of CO2 Utilization</i> , 2020, 38, 49-58.	3.3	36
30	Synthesis and efficient dyeing of anthraquinone derivatives on polyester fabric with supercritical carbon dioxide. <i>Dyes and Pigments</i> , 2019, 166, 330-339.	2.0	35
31	Photoregulated optical switching of poly(N-isopropylacrylamide) hydrogel in aqueous solution with covalently attached spironaphthoxazine and D <sup>19</sup> A type pyran-based fluorescent dye. <i>Dyes and Pigments</i> , 2010, 87, 158-163.	2.0	34
32	Novel styrylbenzothiazolium dye-based sensor for mercury, cyanide and hydroxide ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 144, 226-234.	2.0	34
33	Investigating Polaron Formation in Anatase and Brookite $\text{TiO}_2$ by Density Functional Theory with Hybrid-Functional and DFT + <i>U</i> Methods. <i>ACS Omega</i> , 2019, 4, 8056-8064.	1.6	34
34	Porphyrin Dye/ $\text{TiO}_2$ imbedded PET to improve visible-light photocatalytic activity and organosilicon attachment to enrich hydrophobicity to attain an efficient self-cleaning material. <i>Dyes and Pigments</i> , 2019, 162, 8-17.	2.0	34
35	Optical properties of donor <sup>18</sup> (acceptor) <sub>n</sub> merocyanine dyes with dicyanovinylindane as acceptor group and triphenylamine as donor unit. <i>Dyes and Pigments</i> , 2009, 82, 293-298.	2.0	33
36	Photophysical, electrochemical, thermal and aggregation properties of new metal phthalocyanines. <i>Journal of Molecular Structure</i> , 2017, 1147, 469-479.	1.8	33

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37	Berberine finishing for developing antimicrobial nylon 66 fibers: % exhaustion, colorimetric analysis, antimicrobial study, and empirical modeling. <i>Journal of Applied Polymer Science</i> , 2007, 103, 1175-1182.	1.3	32
38	A colorimetric and fluorometric chemosensor for the selective detection of cyanide ion in both the aqueous and solid phase. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 942-948.	4.0	29
39	Tuning of the Topochemical Polymerization of Diacetylenes Based on an Odd/Even Effect of the Peripheral Alkyl Chain: Thermochromic Reversibility in a Thin Film and a Single-Component Ink for a Fountain Pen. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 24767-24775.	4.0	29
40	A diaminomaleonitrile-appended BODIPY chemosensor for the selective detection of Cu <sup>2+</sup> via oxidative cyclization and imaging in SiHa cells and zebrafish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 233, 118179.	2.0	29
41	An approach to the dyeing of polyester fiber using indigo and its extended wash fastness properties. <i>Dyes and Pigments</i> , 2004, 61, 263-272.	2.0	28
42	An "OFF-ON" fluorescent chemosensor based on rhodamine 6G-2-chloronicotinaldehyde for the detection of Al <sup>3+</sup> ions: Part II. <i>Sensors and Actuators B: Chemical</i> , 2016, 227, 227-241.	4.0	27
43	A benzothiazole-based semisquarylium dye suitable for highly selective Hg <sup>2+</sup> sensing in aqueous media. <i>Dyes and Pigments</i> , 2009, 83, 324-327.	2.0	26
44	Liquid and gaseous state visual detection of chemical warfare agent mimic DCP by optical sensor. <i>Dyes and Pigments</i> , 2019, 171, 107712.	2.0	26
45	Ultrasound-assisted method to improve the structure of CeO <sub>2</sub> @polyprole core-shell nanosphere and its photocatalytic reduction of hazardous Cr <sup>6+</sup> . <i>Ultrasonics Sonochemistry</i> , 2019, 59, 104738.	3.8	26
46	Synthesis and property of solvatochromic fluorophore based on D-π-A molecular system: 2-[[3-Cyano-4-(N-ethyl-N-(2-hydroxyethyl)amino)styryl]-5,5-dimethylfuran-2(5H)-ylidene}malononitrile dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 225-229.	2.0	25
47	A renovation of non-aqueous Al <sup>3+</sup> sensor to aqueous media sensor by simple recyclable immobilize electrospun nano-fibers and its uses for live sample analysis. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 259-269.	4.0	25
48	A simple and fast responsive colorimetric moisture sensor based on symmetrical conjugated polymer. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127906.	4.0	25
49	The synthesis and proton-induced spectral switching of a novel azine dye and its boron complex. <i>Dyes and Pigments</i> , 2010, 87, 268-271.	2.0	24
50	Toggle-switchable fluorescence of bisindolylmaleimide derivatives by reversible esterification/hydrolysis. <i>Tetrahedron Letters</i> , 2012, 53, 1098-1101.	0.7	24
51	A new rhodamine 6 G based chemosensor for trace level Al <sup>3+</sup> and its thin film application in 100% aqueous medium. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 184-191.	4.0	24
52	Synthesis of novel reactive disperse dyes comprising carbamate and cyanuric chloride groups for dyeing polyamide and cotton fabrics in supercritical carbon dioxide. <i>Dyes and Pigments</i> , 2022, 198, 110003.	2.0	24
53	The photo- and electrophysical properties of curcumin in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 76, 384-387.	2.0	23
54	The dyeing of supermicrofibre nylon with acid and vat dyes. <i>Dyes and Pigments</i> , 2010, 87, 132-138.	2.0	23

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55	An anion sensor based on the displacement of 2,6-dichlorophenol-indo-o-cresol sodium salt from a water-soluble tetrasulfonated calix[4]arene. <i>Dyes and Pigments</i> , 2011, 88, 84-87.	2.0	23
56	Imidazole-containing ratiometric receptor for the selective and sensitive detection of cyanide and fluoride via deprotonation and a receptor-anion ensemble for Cu <sup>2+</sup> sensing. <i>Journal of Luminescence</i> , 2018, 204, 244-252.	1.5	22
57	Investigation of reversible self-thermochromism in microencapsulated fluoran-based materials. <i>Dyes and Pigments</i> , 2018, 151, 64-74.	2.0	21
58	Affinity of disperse dyes on poly(ethylene terephthalate) in non-aqueous media. Part 2: effect of substituents. <i>Dyes and Pigments</i> , 2005, 66, 19-25.	2.0	20
59	Through-bond energy transfer based dyad and triad shape fluorescence "OFF-ON-OFF" probes for Hg <sup>2+</sup> ions and their application in live HeLa cells and Zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 1272-1282.	4.0	20
60	Development of naphthalimide-functionalized thermochromic conjugated polydiacetylenes and their reversible green-to-red chromatic transition in the solid state. <i>Dyes and Pigments</i> , 2019, 164, 355-362.	2.0	20
61	Fabrication and topochemically controlled diacetylene-based polymer and its colorimetric application toward HCl detection. <i>Dyes and Pigments</i> , 2020, 174, 108061.	2.0	20
62	The fastness, to repeated washing, of reactive dyes and pre-metallised acid dyes on nylon 6,6. <i>Dyes and Pigments</i> , 2000, 45, 43-49.	2.0	19
63	A highly selective and sensitive photoswitchable fluorescent probe for Hg <sup>2+</sup> based on bithienylethene-rhodamine 6G dyad and for live cells imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 567-574.	2.0	19
64	Catalytic performance of graphene quantum dot supported manganese phthalocyanine for efficient oxygen reduction: density functional theory approach. <i>New Journal of Chemistry</i> , 2019, 43, 348-355.	1.4	19
65	Spontaneous optical response towards cyanide ion in water by a reactive binding site probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 233, 118190.	2.0	19
66	Do HOMO-LUMO Energy Levels and Band Gaps Provide Sufficient Understanding of Dye-Sensitizer Activity Trends for Water Purification?. <i>ACS Omega</i> , 2020, 5, 15052-15062.	1.6	18
67	Thermodynamic analysis of 1,4-diaminoanthraquinone adsorption on polyethylene terephthalate in alkane media. <i>Dyes and Pigments</i> , 2007, 72, 246-250.	2.0	17
68	The synthesis and spectral properties of a stimuli-responsive D-π-A charge transfer dye based on indole donor and 2-cyanomethylene-3-cyano-4,5,5-trimethyl-2,5-dihydrofuran acceptor moieties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 217, 224-227.	2.0	17
69	A novel sensing capabilities and structural modification from thiourea to urea derivative by Hg(ClO <sub>4</sub> ) <sub>2</sub> : Selective dual chemodosimeter for Hg <sup>2+</sup> and F <sup>-</sup> ions. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 1070-1085.	4.0	17
70	Michael addition-based colorimetric and fluorescence chemodosimeters for the nanomolar-level tracking of cyanide ions in aqueous-organic media. <i>Sensors and Actuators B: Chemical</i> , 2016, 237, 341-349.	4.0	17
71	Synthesis and characterization of triphenylamine-based polymers and their application towards solid-state electrochromic cells. <i>RSC Advances</i> , 2016, 6, 78984-78993.	1.7	17
72	Porphyry dye/TiO <sub>2</sub> entrenched in PET to attain self-cleaning property through visible light photocatalytic activity. <i>Research on Chemical Intermediates</i> , 2019, 45, 3655-3671.	1.3	17

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73	New pH indicator based on 1,3-bisdicyanovinylindane. <i>Dyes and Pigments</i> , 2005, 64, 153-155.	2.0	16
74	Synthesis and chemosensitivity of a new iminium salt toward a cyanide anion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 268-274.	2.0	16
75	A comparison of the optical and photovoltaic properties of novel double branched organic dyes in dye sensitized solar cells. <i>Synthetic Metals</i> , 2015, 203, 235-242.	2.1	16
76	Design and synthesis of polydiacetylenes, and their low temperature irreversible thermochromic properties. <i>Dyes and Pigments</i> , 2021, 184, 108839.	2.0	16
77	Affinity of disperse dyes on poly(ethylene terephthalate) in non-aqueous media: part 1. Adsorption and solubility properties. <i>Dyes and Pigments</i> , 2005, 64, 73-78.	2.0	15
78	Synthesis and Characterization of Quinoline-based Dye Sensor. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 504, 173-180.	0.4	15
79	A BODIPY based highly selective fluorescence turn-on sensor toward VIB and IIB metal ions. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 636, 159-167.	0.4	15
80	Synthesis, thermochromic, solvatochromic and axial ligation studies of Zn-porphyrin complex. <i>Inorganica Chimica Acta</i> , 2018, 469, 453-460.	1.2	15
81	A BODIPY based emission signal turn-on probe toward multiple heavy metals. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 706, 38-46.	0.4	15
82	Effect of phenyl ring substitution on J-aggregate formation ability of novel bisazomethine dyes in vapour-deposited films. <i>Dyes and Pigments</i> , 2011, 90, 56-64.	2.0	14
83	Spectral Switching of Naphthalimide-Coumarin Induced by Fâ€“. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 5370-5373.	0.9	14
84	A new dual fluorogenic and chromogenic "turn-on" chemosensor for Cu <sup>2+</sup> /Fâ€“ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 48-55.	2.0	14
85	Synthesis of fluorescent cationic coumarin dyes with rigid molecular structures to improve lightfastness and their related modacrylic dyed fibers. <i>Dyes and Pigments</i> , 2021, 190, 109294.	2.0	14
86	The thermoresponsive behaviour of a poly(N-isopropylacrylamide) hydrogel with a D-Ï€-A type pyran-based fluorescent dye. <i>Dyes and Pigments</i> , 2010, 87, 84-88.	2.0	13
87	The synthesis and spectral properties of a stimuli-responsive D-Ï€-A charge transfer dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 234-237.	2.0	13
88	Design and synthesis of novel chemosensor based on rhodamine 6G monitoring heavy metal ions. <i>Supramolecular Chemistry</i> , 2013, 25, 87-91.	1.5	12
89	"Turn-on" fluorescent and colorimetric determination of Cu <sup>2+</sup> ions in aqueous media based on a Rhodamine-N-phenyl Semicarbazide derivative. <i>Fibers and Polymers</i> , 2015, 16, 953-960.	1.1	12
90	Nitro Substituted Bisindolylmalimide Derivatives: Position-Dependent Emission. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 608, 273-281.	0.4	12

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91	Synthesis of a novel pyrylium salt with chemoselectivity to a cyanide anion. <i>Supramolecular Chemistry</i> , 2015, 27, 191-200.	1.5	12
92	Thiophene Modulated BODIPY Dye as a Light Harvester. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 679, 127-136.	0.4	12
93	Selective detection of cyanide ion in 100 % water by indolium based dual reactive binding site optical sensor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 397, 112571.	2.0	12
94	Synthesis and characterisation of new acridine dye molecules combined UV absorber and exploring photophysical properties. <i>Dyes and Pigments</i> , 2021, 192, 109391.	2.0	12
95	An ecofriendly dyeing of nylon and cotton fabrics in supercritical CO <sub>2</sub> with novel tricyanopyrrolidone reactive disperse dye. <i>Journal of CO<sub>2</sub> Utilization</i> , 2022, 60, 102004.	3.3	12
96	Facile Preparation of Biopatternable Surface for Selective Immobilization from Bacteria to Mammalian Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 1204-1209.	0.9	11
97	Effects of alkoxy substitution on the crystal structure of 2,3-bis[(E)-4-(diethylamino)-2-alkoxybenzylideneamino]fumaronitrile derivatives. <i>CrystEngComm</i> , 2011, 13, 5374.	1.3	11
98	Design, Synthesis and Optical Property of Rhodamine 6G Based New Dye Sensor. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 566, 45-53.	0.4	11
99	Fast ethylamine gas sensing based on intermolecular charge-transfer complexation. <i>Chinese Chemical Letters</i> , 2012, 23, 484-487.	4.8	11
100	Modulation of a fluorescence switch of nanofiber mats containing photochromic spironaphthoxazine and D- $\pi$ -A charge transfer dye. <i>Journal of Luminescence</i> , 2012, 132, 1427-1431.	1.5	11
101	Properties of Star Shaped Thiophene Materials Having a Build-In Photochromic Core. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 602, 1-8.	0.4	11
102	Synthesis of porphyrin sensitizers with a thiazole group as an efficient $\pi$ -spacer: potential application in dye-sensitized solar cells. <i>RSC Advances</i> , 2016, 6, 41294-41303.	1.7	11
103	Solvent effect on the thermochromism of new betaine dyes. <i>Dyes and Pigments</i> , 2017, 136, 458-466.	2.0	11
104	Chemically interconnected ternary AgNP/polypyrrole/functionalized buckypaper composites as high-energy-density supercapacitor electrodes. <i>Chemical Physics Letters</i> , 2020, 739, 136957.	1.2	11
105	Squarylium-based chromogenic anion sensors. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 25-28.	2.0	10
106	Optical properties of novel pyrene fluoric chemosensor toward fluoride anions. <i>Fibers and Polymers</i> , 2013, 14, 2010-2014.	1.1	10
107	Solvent Dependent Energy Transfer of N-bridged Naphthalimide-Bisindolymaleimide Fluorescent Dyes. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 584, 18-26.	0.4	10
108	Turn-On Fluorescent and Colorimetric Detection of Zn <sup>2+</sup> Ions by Rhodamine-Cinnamaldehyde Derivative. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 5333-5340.	0.9	10



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109	A BODIPY-based highly emissive dye with thiophene-based branch harvesting the light. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 662, 157-164.	0.4	10
110	Electrochemical Oxygen-Reduction Activity and Carbon Monoxide Tolerance of Iron Phthalocyanine Functionalized with Graphene Quantum Dots: A Density Functional Theory Approach. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27483-27491.	1.5	10
111	DPP based dual-sensing probe for the multi-color detection of toxic Co <sup>2+</sup> /Sn <sup>2+</sup> and CN <sup>-</sup> ions in water: An electronic eye development. <i>Dyes and Pigments</i> , 2021, 192, 109425.	2.0	10
112	Synthesis of novel panchromatic porphyrin-squaraine dye and application towards TiO <sub>2</sub> combined photocatalysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 397, 112595.	2.0	10
113	Colorimetric signaling of mono-, di-, and triethylamine based on intermolecular n-π charge transfer interaction. <i>Fibers and Polymers</i> , 2009, 10, 855-857.	1.1	9
114	Synthesis and Optical Chromic Properties of New Barbituric Acid based Dye Molecules Having Push-Pull System. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 550, 240-249.	0.4	9
115	Ac<sub>2</sub>O/HCl Modulated Fluorescence On-Off Model Based on Arylmaleimide. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 5366-5369.	0.9	9
116	Photo discoloration of eosin yellow dye under visible light using TiO <sub>2</sub> @TPPS nanocomposite synthesized via ultrasonic assisted method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 608, 125601.	2.3	9
117	A novel near-infrared fluorescent probe for rapid detection of peroxyxynitrite with large stokes shift and imaging in living cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 423, 113579.	2.0	9
118	Degradation of the disazo acid dye by the sulfur-containing amino acids of wool fibers. <i>Dyes and Pigments</i> , 2005, 67, 127-132.	2.0	8
119	Indigo adsorption properties to polyester fibers of different levels of fineness. <i>Dyes and Pigments</i> , 2005, 65, 137-143.	2.0	8
120	Self-assembly multi-layer of diazonium resin and its coupling reaction with J-acid and H-acid. <i>Dyes and Pigments</i> , 2007, 72, 345-348.	2.0	8
121	New fluorescent dye chemosensor for mercury ion (Hg <sup>2+</sup> ) detection. <i>Fibers and Polymers</i> , 2009, 10, 272-274.	1.1	8
122	Synthesis and Solvatochromism Behaviors on Intramolecular Charge Transfer System of Novel D-π-A Dyes. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 563, 257-271.	0.4	8
123	Deprotonation/Protonation Induced Spectral Switching of 1,8-Naphthalimide Dye. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 600, 163-169.	0.4	8
124	Through-Bond Energy Transfer Cassettes: Pyrene-Bisindolylmaleimide Dyads with Large Pseudo-Stokes Shifts. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 601, 182-189.	0.4	8
125	Rhodamine-based Colorimetric and Fluorescent Chemosensors for the Detection of Cu <sup>2+</sup> ions and its Application to Bioimaging. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 972-981.	1.0	8
126	Configuration of white light emission by coumarin and naphthalimide. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 660, 10-16.	0.4	8



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