

# Young-A Son

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

267  
papers

2,835  
citations

27  
h-index

39  
g-index

281  
ext. papers

3,262  
ext. citations

2.8  
avg. IF

5.82  
L-index

#	Paper	IF	Citations
267	Highly visible bis-heterocyclic acridinium and xanthenium-based dyes: Synthesis, AIEE, and modacrylic dyeing. <i>Dyes and Pigments</i> , <b>2022</b> , 110159	4.6	0
266	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> , <b>2022</b> , 198, 110003	4.6	2
265	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> , <b>2022</b> , 423, 113579	4.7	2
264	Acridine-based fluorophores with improved lightfastness properties. <i>Dyes and Pigments</i> , <b>2022</b> , 197, 109924	4.4	1
263	Simple easy to make xanthene based optical probe for solid and liquid state Hg ion detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2022</b> , 266, 120413	4.4	0
262	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> , <b>2022</b> , 60, 102004	7.6	0
261	Ultrasonic assisted surface modified cellulose: Photocatalytic effect for the disinfection of microbes using porphyrin dyes. <i>Dyes and Pigments</i> , <b>2022</b> , 110393	4.6	1
260	A Novel Class of Xanthene Dyes with Chemically Linked UV Absorber Molecule and their Photophysical Properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2022</b> , 121437	4.4	0
259	Crystal structure of 2-phenylethynyl-1,3,6,8-tetramethylBOPHY (BOPHY = bis(difluoroboron)-1,2-bis((1H-pyrrol-2-yl)methylene)hydrazine), C <sub>22</sub> H <sub>20</sub> B <sub>2</sub> F <sub>4</sub> N <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2021</b> , 236, 749-752	0.2	
258	Controlled ultrasonic synthesis of TiO <sub>2</sub> @C <sub>3</sub> N <sub>4</sub> nanocomposites with porphyrin as a solid-state electron mediator: A promising material for pollutant discoloration under visible light. <i>Ceramics International</i> , <b>2021</b> , 47, 14399-14407	5.1	4
257	Synthesis of fluorescent cationic coumarin dyes with rigid molecular structures to improve lightfastness and their related modacrylic dyed fibers. <i>Dyes and Pigments</i> , <b>2021</b> , 190, 109294	4.6	3
256	Synthesis, characterization, and photocatalytic disinfection studies of porphyrin dimer/TiO <sub>2</sub> -based photocatalyst. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1236, 130276	3.4	2
255	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> , <b>2021</b> , 608, 125601	5.1	5
254	Design and synthesis of polydiacetylenes, and their low temperature irreversible thermochromic properties. <i>Dyes and Pigments</i> , <b>2021</b> , 184, 108839	4.6	7
253	Ultrasonic assisted fabrication of dual function surface on PET and preparation of single component ink to attain efficient self-cleaning function via digital printing. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 324, 114668	6	1
252	Synthesis and characterisation of new acridine dye molecules combined UV absorber and exploring photophysical properties. <i>Dyes and Pigments</i> , <b>2021</b> , 192, 109391	4.6	4
251	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> , <b>2021</b> , 192, 109425	4.6	4

250	A novel polymeric hybrid sensory smart material for the prompt recognition of mercury ions in water. <i>Microchemical Journal</i> , <b>2021</b> , 170, 106707	4.8	1
249	Do HOMO-LUMO Energy Levels and Band Gaps Provide Sufficient Understanding of Dye-Sensitizer Activity Trends for Water Purification?. <i>ACS Omega</i> , <b>2020</b> , 5, 15052-15062	3.9	10
248	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> , <b>2020</b> , 397, 112571	4.7	3
247	Spontaneous optical response towards cyanide ion in water by a reactive binding site probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 233, 118190	4.4	12
246	A simple and fast responsive colorimetric moisture sensor based on symmetrical conjugated polymer. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 311, 127906	8.5	15
245	A diaminomaleonitrile-appended BODIPY chemosensor for the selective detection of Cu via oxidative cyclization and imaging in SiHa cells and zebrafish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 233, 118179	4.4	10
244	Synthesis of azo and anthraquinone dyes and dyeing of nylon-6,6 in supercritical carbon dioxide. <i>Journal of CO2 Utilization</i> , <b>2020</b> , 38, 49-58	7.6	23
243	Robust Photodegradation of Methylene Blue with the Biphenyl-Porphyrin/TiO <sub>2</sub> Photocatalyst Under Visible Light Condition. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 6266-6273	1.3	3
242	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> , <b>2020</b> , 397, 112595	4.7	5
241	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> , <b>2020</b> , 40, 176-184	9.1	32
240	A Chromone Based Fluorescent Probe for the Effective Detection of Aluminium Ion. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 2840-2846	1.3	5
239	Ultrasonic synthesis of MnO nanorods: An efficient catalytic conversion of refractory pollutant, methylene blue. <i>Ultrasonics Sonochemistry</i> , <b>2020</b> , 62, 104870	8.9	26
238	Crystal structure of 2,7-diiodo-1,3,6,8-tetramethyl-bis(difluoroboron)-1,2-bis((1H-pyrrol-2-yl)methylene)hydrazine, C <sub>14</sub> H <sub>14</sub> B <sub>2</sub> F <sub>4</sub> I <sub>2</sub> N <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2020</b> , 235, 371-372	0.2	
237	Chemically interconnected ternary AgNP/polypyrrole/functionalized buckypaper composites as high-energy-density supercapacitor electrodes. <i>Chemical Physics Letters</i> , <b>2020</b> , 739, 136957	2.5	6
236	Fabrication and topochemically controlled diacetylene-based polymer and its colorimetric application toward HCl detection. <i>Dyes and Pigments</i> , <b>2020</b> , 174, 108061	4.6	13
235	Electrochemical, Photophysical and Theoretical Studies of Novel Zinc Phthalocyanines. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 5402-5410	1.3	2
234	A BODIPY based emission signal turn-on probe toward multiple heavy metals. <i>Molecular Crystals and Liquid Crystals</i> , <b>2020</b> , 706, 38-46	0.5	4
233	An Electron lock toward the photochromic activity of phenylacetylene appended bithienylethene. <i>Molecular Crystals and Liquid Crystals</i> , <b>2020</b> , 706, 141-149	0.5	0

232	Shifting the emission of proton transfer fluorescence with fluorine-boron as the rotation lock. <i>Molecular Crystals and Liquid Crystals</i> , <b>2020</b> , 704, 41-47	0.5	
231	Synthesis of Novel Oxazolidines and Study of Its Naked Eye CO <sub>2</sub> Detecting Properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 6428-6434	1.3	
230	Emission shift of an imidazole bridged diethylaminocoumarin and diphenyl. <i>Molecular Crystals and Liquid Crystals</i> , <b>2020</b> , 704, 48-56	0.5	0
229	A photocatalytic comparison study between tin complex and carboxylic acid derivatives of porphyrin/TiO <sub>2</sub> composites. <i>Research on Chemical Intermediates</i> , <b>2020</b> , 46, 313-328	2.8	5
228	Thermochromic Properties of Fluorans in Solid State and Application in Acrylic Fiber as Thermal Indicator. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 8013-8019	1.3	
227	Development of naphthalimide-functionalized thermochromic conjugated polydiacetylenes and their reversible green-to-red chromatic transition in the solid state. <i>Dyes and Pigments</i> , <b>2019</b> , 164, 355-362	4.6	14
226	Catalytic performance of graphene quantum dot supported manganese phthalocyanine for efficient oxygen reduction: density functional theory approach. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 348-355	3.6	13
225	AgNP/crystalline PANI/EBP-composite-based supercapacitor electrode with internal chemical interactions. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 48164	2.9	1
224	Developing an RGB - Arduino device for the multi-color recognition, detection and determination of Fe(III), Co(II), Hg(II) and Sn(II) in aqueous media by a terpyridine moiety. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 297, 126723	8.5	19
223	A Novel Morpholine-Based Rhodamine Fluorescent Chemosensor for the Rapid Detection of Hg Ions. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 6893-6898	1.3	7
222	Synthesis, Generic Dyeing of Nindigo Derivatives on Unmodified Polypropylene; First Time Application in Dyeing Technology. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 7105-7111	1.3	1
221	Investigating Polaron Formation in Anatase and Brookite TiO <sub>2</sub> by Density Functional Theory with Hybrid-Functional and DFT + Methods. <i>ACS Omega</i> , <b>2019</b> , 4, 8056-8064	3.9	23
220	Synthesis and efficient dyeing of anthraquinone derivatives on polyester fabric with supercritical carbon dioxide. <i>Dyes and Pigments</i> , <b>2019</b> , 166, 330-339	4.6	24
219	Synthesis of novel betaine dyes for multi chromic sensors. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1187, 151-163	3.4	4
218	Porphyrin dye/TiO <sub>2</sub> entrenched in PET to attain self-cleaning property through visible light photocatalytic activity. <i>Research on Chemical Intermediates</i> , <b>2019</b> , 45, 3655-3671	2.8	13
217	Synthesis of new TiO <sub>2</sub> /porphyrin-based composites and photocatalytic studies on methylene blue degradation. <i>Dyes and Pigments</i> , <b>2019</b> , 160, 37-47	4.6	52
216	Thiophene Modulated BODIPY Dye as a Light Harvester. <i>Molecular Crystals and Liquid Crystals</i> , <b>2019</b> , 679, 127-136	0.5	0
215	Liquid and gaseous state visual detection of chemical warfare agent mimic DCP by optical sensor. <i>Dyes and Pigments</i> , <b>2019</b> , 171, 107712	4.6	13

214	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> , <b>2019</b> , 123, 27483-27491	3.8	5
213	Ultrasound-assisted method to improve the structure of CeO@polyprrole core-shell nanosphere and its photocatalytic reduction of hazardous Cr. <i>Ultrasonics Sonochemistry</i> , <b>2019</b> , 59, 104738	8.9	20
212	Visible Light Photo-Sensitized Metallo-Porphyrin/TiO <sub>2</sub> Photocatalyst and Its Related Self-Cleaning Effects in Poly Ethylene Terephthalate. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 8004-8012 <sup>1-3</sup>	1.3	7
211	Photochromic reactivity induced by electron distribution: active or inactive. <i>Molecular Crystals and Liquid Crystals</i> , <b>2019</b> , 689, 83-91	0.5	0
210	Dye Clicked Thermoplastic Polyurethane as a Generic Platform toward Chromic-Polymer Applications. <i>Scientific Reports</i> , <b>2019</b> , 9, 18648	4.9	3
209	Porphyrin Dye/TiO <sub>2</sub> 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> , <b>2019</b> , 162, 8-17	4.6	20
208	Rhodamine-fluorene based dual channel probe for the detection of Hg <sup>2+</sup> ions and its application in digital printing. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 261, 545-552	8.5	28
207	Investigation of reversible self-thermochromism in microencapsulated fluoran-based materials. <i>Dyes and Pigments</i> , <b>2018</b> , 151, 64-74	4.6	12
206	Synthesis of a new phenothiazine-carbazole polymer derivative and utilization in an electrochromic cell. <i>Synthetic Metals</i> , <b>2018</b> , 240, 1-7	3.6	4
205	A coumarin-derived Cu-fluorescent chemosensor and its direct application in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 188, 571-580	4.4	34
204	Synthesis, thermochromic, solvatochromic and axial ligation studies of Zn-porphyrin complex. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 469, 453-460	2.7	14
203	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> , <b>2018</b> , 10, 24767-24775	9.5	23
202	Synthesis, Optical, Electrochemical and Theoretical Studies of New Multicyclic Substituted Phthalocyanines. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 3192-3205	1.3	2
201	"Turn-On" Fluorescent and Colorimetric Detection of Zn Ions by Rhodamine-Cinnamaldehyde Derivative. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 5333-5340	1.3	8
200	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> , <b>2018</b> , 204, 244-252	3.8	16
199	Interpretation of Absorption Spectra of Some Bisazomethine Dyes in a Crystalline State in Terms of Conformational Change and Exciton Interaction. <i>Bulletin of the Chemical Society of Japan</i> , <b>2018</b> , 91, 1498 <sup>1</sup> 1505 <sup>1</sup>	5.1	1
198	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> , <b>2018</b> , 39, 972-981	1.2	4
197	Configuration of white light emission by coumarin and naphthalimide. <i>Molecular Crystals and Liquid Crystals</i> , <b>2018</b> , 660, 10-16	0.5	6

196	Thermally Reversible Fluorans: Synthesis, Thermochromic Properties and Real Time Application. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 3299-3305	1.3	2
195	Synthesis, Spectral and Photophysical Properties of Anthracene Substituted Phthalocyanines; A Study as Polyurethane Electrospun Nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 1716-1722	1.3	
194	Reversed photochromism reactivity of malononitrile attached bisthienylthene. <i>Molecular Crystals and Liquid Crystals</i> , <b>2018</b> , 662, 147-156	0.5	2
193	Emission behavior of naphthalimide-coumarin cassette. <i>Molecular Crystals and Liquid Crystals</i> , <b>2018</b> , 662, 139-146	0.5	2
192	A BODIPY-based highly emissive dye with thiophene-based branch harvesting the light. <i>Molecular Crystals and Liquid Crystals</i> , <b>2018</b> , 662, 157-164	0.5	4
191	Highly fluorescent response of 4-(2,5-dimethylthiophen-3-yl)-2-hydroxyphenylbenzothiazole toward BF <sub>3</sub> Et <sub>2</sub> O and Zn <sup>2+</sup> . <i>Molecular Crystals and Liquid Crystals</i> , <b>2018</b> , 662, 132-138	0.5	
190	2,4-Dimethylpyrrole Configured Fluorine-Boron Complexes. <i>Molecular Crystals and Liquid Crystals</i> , <b>2018</b> , 677, 34-41	0.5	2
189	Investigation of Fluorescent Optical Properties of Fluorine-Boron Cored Dye. <i>Molecular Crystals and Liquid Crystals</i> , <b>2018</b> , 677, 27-33	0.5	
188	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> , <b>2018</b> , 273, 143-152	8.5	27
187	A reaction based colorimetric chemosensor for the detection of cyanide ion in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 246, 319-326	8.5	36
186	Optical properties of triphenylamine decorated with naphthalimide. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 645, 1-9	0.5	1
185	Synthesis of octa-phenoxy substituted metallophthalocyanines and their green color filter application in liquid crystal display. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 644, 88-97	0.5	1
184	Naphthalimide-coumarin: Dependent energy transfer cassette and its response to F <sup>-</sup> . <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 644, 257-266	0.5	7
183	Synthesis, characterization of symmetrical and unsymmetrical naphthoxy substituted metallophthalocyanines. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 644, 249-256	0.5	
182	AIE-active and reversible mechanochromic tetraphenylethene-tetradiphenylacrylonitrile hybrid luminogens with re-writable optical data storage application. <i>Dyes and Pigments</i> , <b>2017</b> , 146, 7-13	4.6	44
181	Absorption and emission investigation of boron-cored dye. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 659, 64-70	0.5	4
180	Photochromic behavior of 2,3-bis(2,5-dimethylthiophene-3-yl)thiophene-5-carbaldehyde oxime. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 654, 123-130	0.5	0
179	Significant emission red-shift of BODIPY derivatives with strong electron-acceptor attached. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 654, 139-145	0.5	6

178	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> , <b>2017</b> , 253, 942-948	8.5	20
177	Emission behavior of a symmetrical sexthiophene. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 644, 240-248		
176	Photophysical, electrochemical, thermal and aggregation properties of new metal phthalocyanines. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1147, 469-479	3.4	28
175	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> , <b>2017</b> , 240, 1272-1282	8.5	15
174	Solvent effect on the thermochromism of new betaine dyes. <i>Dyes and Pigments</i> , <b>2017</b> , 136, 458-466	4.6	8
173	Emission behavior of perimidine attached BODIPY and its response to acid/base. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 654, 131-138	0.5	4
172	Photochromic behavior of triangle trithiophene with extension at the bridge unit. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 654, 115-122	0.5	1
171	Crystal structure of 5,5-difluoro-10-(4-fluorophenyl)-1,3,7,9-tetramethyl-5H-4[4,5]dipyrrolo[1,2-c:2',1'-f][1,3,2]diazaborinine - a Z <sup>2</sup> = 3 structure, C <sub>19</sub> H <sub>18</sub> B <sub>2</sub> F <sub>3</sub> N <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2017</b> , 232, 991-992	0.2	
170	Crystal structure of 11-oxo-2,3,6,7-tetrahydro-1H,5H,11H-pyrano[2,3-f]pyrido[3,2,1-ij]quinoline-10-carbaldehyde - a julolidine derivative, C <sub>16</sub> H <sub>15</sub> NO <sub>3</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2017</b> , 232, 991-992	0.2	
169	Crystal structure of bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)-9,9-dioctylfluorene, C <sub>41</sub> H <sub>64</sub> B <sub>2</sub> O <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2017</b> , 232, 987-989	0.2	
168	A Photochromic Fluorescent Probe for Hg <sup>2+</sup> Based on Dithienylethene-Rhodamine B Dyad and Its Application in Live Cells Imaging. <i>Science of Advanced Materials</i> , <b>2017</b> , 9, 533-540	2.3	3
167	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> , <b>2016</b> , 222, 447-458	8.5	66
166	Tunable emission of hydrazine-containing bipyrrrole fluorine-Boron complexes by linear extension. <i>Dyes and Pigments</i> , <b>2016</b> , 124, 232-240	4.6	37
165	Synthesis and characterization of triphenylamine-based polymers and their application towards solid-state electrochromic cells. <i>RSC Advances</i> , <b>2016</b> , 6, 78984-78993	3.7	12
164	The excited-state intramolecular proton transfer fluorescence of HBT derivative induced by solvent polarity. <i>Molecular Crystals and Liquid Crystals</i> , <b>2016</b> , 635, 158-166	0.5	3
163	A bright yellow emissive dye configured by attaching triarylamine to naphthalimide with -NHN? bridge. <i>Molecular Crystals and Liquid Crystals</i> , <b>2016</b> , 635, 172-180	0.5	1
162	Charge transfer modulated photochromic reactivity by incorporation picolylamine to a diarylethene unit. <i>Molecular Crystals and Liquid Crystals</i> , <b>2016</b> , 636, 1-9	0.5	3
161	A BODIPY based highly selective fluorescence turn-on sensor toward VIB and IIB metal ions. <i>Molecular Crystals and Liquid Crystals</i> , <b>2016</b> , 636, 159-167	0.5	11

160	A Novel Fluorescent Chemosensor Based on $\pi$ -(2-Pyridyl)acrolein-Rhodamine B Derivative: Polymer Particle Interaction with an Enhanced Sensing Performance. <i>KONA Powder and Particle Journal</i> , <b>2016</b> , 33, 228-238	3.4	2
159	Synthesis, characterization and aggregation and fluorescence properties of novel highly soluble zinc phthalocyanines bearing tetrakis-4-(3-(piperidin-1-yl)phenoxy) with tetra and dodecachloro substituents. <i>Fibers and Polymers</i> , <b>2016</b> , 17, 553-559	2	6
158	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> , <b>2016</b> , 236, 184-191	8.5	19
157	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> , <b>2016</b> , 235, 447-456	8.5	31
156	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> , <b>2016</b> , 228, 259-269	8.5	23
155	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> , <b>2016</b> , 227, 227-241	8.5	22
154	High Pseudo-Stokes Shift of a Naphthalene-Bisindolylmaleimide Dye. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 856-60	1.3	3
153	Optical Properties of 1,3-Bisdicyanovinylindane, an Electro-Acceptor, Attached Bisthienylethene Molecule. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 1752-5	1.3	5
152	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> , <b>2016</b> , 224, 404-412	8.5	49
151	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> , <b>2016</b> , 237, 341-349	8.5	15
150	Synthesis and characterization of tetra phenoxy-substituted halogen-rich metallophthalocyanine derivatives: A study on their LCD color filter requirements. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1119, 325-331	3.4	4
149	Synthesis of porphyrin sensitizers with a thiazole group as an efficient spacer: potential application in dye-sensitized solar cells. <i>RSC Advances</i> , <b>2016</b> , 6, 41294-41303	3.7	10
148	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> , <b>2015</b> , 220, 1070-1085	8.5	15
147	A new dual fluorogenic and chromogenic "turn-on" chemosensor for Cu <sup>+</sup> /F <sup>-</sup> ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 151, 48-55	4.4	14
146	Nitro Substituted Bisindolylmalimide Derivatives: Position-Dependent Emission. <i>Molecular Crystals and Liquid Crystals</i> , <b>2015</b> , 608, 273-281	0.5	11
145	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> , <b>2015</b> , 214, 101-110	8.5	57
144	Novel styrylbenzothiazolium dye-based sensor for mercury, cyanide and hydroxide ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 144, 226-34	4.4	25
143	A comparison of the optical and photovoltaic properties of novel double branched organic dyes in dye sensitized solar cells. <i>Synthetic Metals</i> , <b>2015</b> , 203, 235-242	3.6	15



142	Dual sensing performance of a rhodamine-derived scaffold for the determination of Cu <sup>2+</sup> and Ce <sup>4+</sup> in aqueous media. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 220, 1254-1265	8.5	34
141	The synthesis and spectral properties of a stimuli-responsive D-πA charge transfer dye based on phenol donor and isophorone acceptor moiety. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 1605-1610	2	1
140	The effect of terminal dimethyl and diethyl substituents on the J-aggregate-like molecular arrangement of bisazomethine dye molecules. <i>CrystEngComm</i> , <b>2015</b> , 17, 7213-7226	3.3	3
139	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> , <b>2015</b> , 208, 75-84	8.5	74
138	Synthesis of a novel pyrylium salt with chemoselectivity to a cyanide anion. <i>Supramolecular Chemistry</i> , <b>2015</b> , 27, 191-200	1.8	10
137	Investigation of a Naphthalimide Based OH <sup>-</sup> Sensor with Quinoline Attached. <i>Molecular Crystals and Liquid Crystals</i> , <b>2015</b> , 622, 84-93	0.5	2
136	Spectral Switching of Naphthalimide-Coumarin Induced by F <sup>-</sup> . <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 5370-3	1.3	14
135	Ac <sub>2</sub> O/HCl Modulated Fluorescence On-Off Model Based on Arylmaleimide. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 5366-9	1.3	9
134	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> , <b>2015</b> , 16, 953-960	2	9
133	Investigation of a Photochromic Diarylethene with Electron-acceptor Attached. <i>Molecular Crystals and Liquid Crystals</i> , <b>2015</b> , 621, 102-111	0.5	
132	Synthesis of Isophorone based D-πA Type Chemosensor for the Response of Hg <sup>2+</sup> . <i>Molecular Crystals and Liquid Crystals</i> , <b>2015</b> , 622, 94-102	0.5	
131	Synthesis and characterization of water-soluble phthalocyanine Copper(II) complex and its coloration on acrylic fibers. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 2552-2557	2	1
130	A Highly Sensitive Fluorescent Probe for Selective Detection of Al <sup>3+</sup> Cation by Switching the Solvent from Aprotic to Protic Environment. <i>Molecular Crystals and Liquid Crystals</i> , <b>2015</b> , 622, 103-113	0.5	2
129	A highly selective fluorescent chemosensor for Hg <sup>2+</sup> based on a squaraineBis(rhodamine-B) derivative: Part II. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 210, 519-532	8.5	49
128	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> , <b>2015</b> , 210, 173-182	8.5	62
127	Efficient luminescence from easily prepared fluorineBoron core complexes based on benzothiazole and benzoxazole. <i>Dyes and Pigments</i> , <b>2014</b> , 107, 182-187	4.6	38
126	Synthesis of novel squaraineBis(rhodamine-6G): A fluorescent chemosensor for the selective detection of Hg <sup>2+</sup> . <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 202, 779-787	8.5	52
125	A highly selective rhodamine based color turn on and fluorescence turn off sensor toward late IB metal ions. <i>Fibers and Polymers</i> , <b>2014</b> , 15, 914-917	2	3

124	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> , <b>2014</b> , 128, 567-74	4.4	19
123	Crystal structure of 7-(diethylamino)-2-oxo-2H-chromene-3- carbaldehyde, C <sub>14</sub> H <sub>15</sub> NO <sub>3</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2014</b> , 229,	0.2	1
122	Crystal structure of 2,3-bis(3'-methylthiophene-5'-carbaldehyde-2-yl) thiophene, C <sub>16</sub> H <sub>12</sub> O <sub>2</sub> S <sub>3</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2014</b> , 229, 85-86	0.2	
121	A Highly Selective Rhodamine Based Colorimetric Sensor Toward Cu <sup>2+</sup> . <i>Molecular Crystals and Liquid Crystals</i> , <b>2014</b> , 599, 8-15	0.5	3
120	Chromene and Imidazole Based D-πA Chemosensor Preparation and Its Anion Responsive Effects. <i>Molecular Crystals and Liquid Crystals</i> , <b>2014</b> , 599, 16-22	0.5	2
119	F <sup>OH</sup> Triggered Optical Switching Functions of Naphthalimide Chromophoric Materials. <i>Molecular Crystals and Liquid Crystals</i> , <b>2014</b> , 604, 184-192	0.5	4
118	Deprotonation/Protonation Induced Spectral Switching of 1,8-Naphthalimide Dye. <i>Molecular Crystals and Liquid Crystals</i> , <b>2014</b> , 600, 163-169	0.5	8
117	Properties of Star Shaped Thiophene Materials Having a Build-In Photochromic Core. <i>Molecular Crystals and Liquid Crystals</i> , <b>2014</b> , 602, 1-8	0.5	10
116	Fluorescence Quench of Arylmaleimide with a Substituted Anthracene. <i>Molecular Crystals and Liquid Crystals</i> , <b>2014</b> , 600, 14-21	0.5	1
115	A bisindolylmaleimide-naphthalimide building block for the construction of the energy transfer cassette. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 8033-7	1.3	2
114	Characteristics of Guajazulene Based Chemosensor Toward CN <sup>-</sup> and F <sup>-</sup> Anions. <i>Molecular Crystals and Liquid Crystals</i> , <b>2014</b> , 600, 189-195	0.5	2
113	Through-Bond Energy Transfer Cassettes: Pyrene-Bisindolylmaleimide Dyads with Large Pseudo-Stokes Shifts. <i>Molecular Crystals and Liquid Crystals</i> , <b>2014</b> , 601, 182-189	0.5	8
112	Arylmaleimide Based Fluorescence On-Off Modulated by Ac <sub>2</sub> O/HCl. <i>Molecular Crystals and Liquid Crystals</i> , <b>2014</b> , 597, 65-72	0.5	1
111	Synthesis and chemosensitivity of a new iminium salt toward a cyanide anion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 127, 268-74	4.4	14
110	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> , <b>2014</b> , 196, 388-397	8.5	60
109	A New Anthracene Based Fluorescent Turn-On Sensor for Fe <sup>3+</sup> . <i>Bulletin of the Korean Chemical Society</i> , <b>2014</b> , 35, 277-279	1.2	7
108	Research and Development of Functional Colorants Materials. <i>Korean Chemical Engineering Research</i> , <b>2014</b> , 52, 1-7		1
107	Optical properties of novel pyrene fluoroc hemosensor toward fluoride anions. <i>Fibers and Polymers</i> , <b>2013</b> , 14, 2010-2014	2	10

106	Synthesis of near-infrared absorbing pyrylium-squaraine dye for selective detection of Hg <sup>2+</sup> . <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 188, 847-856	8.5	36
105	Fluorescence quenching of carbazole by 2-chloro-3,5-dinitrobenzotrifluoride-ethylamines intermolecular charge-transfer complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 103, 453-5	4.4	4
104	Solvent Dependent Energy Transfer of N-bridged Naphthalimide-Bisindolymaleimide Fluorescent Dyes. <i>Molecular Crystals and Liquid Crystals</i> , <b>2013</b> , 584, 18-26	0.5	10
103	Design and synthesis of novel chemosensor based on rhodamine 6G monitoring heavy metal ions. <i>Supramolecular Chemistry</i> , <b>2013</b> , 25, 87-91	1.8	12
102	Properties and characteristics of squarylium-based chemosensors for Hg <sup>2+</sup> . <i>Supramolecular Chemistry</i> , <b>2013</b> , 25, 61-64	1.8	4
101	Crystal structure of 2,6-diiodo-8-phenyl-BODIPY, C <sub>19</sub> H <sub>17</sub> BF <sub>2</sub> I <sub>2</sub> N <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2013</b> , 228, 91-92	0.2	
100	Crystal structure of 2,3-bis(2,4-dimethylthiazole-3-yl)thiophene, C <sub>14</sub> H <sub>14</sub> N <sub>2</sub> S <sub>3</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2013</b> , 228, 95-96	0.2	
99	Crystal structure of 2,6-diiodo-8-(3-iodophenyl)-phenyl-BODIPY, C <sub>19</sub> H <sub>16</sub> BF <sub>2</sub> I <sub>3</sub> N <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2013</b> , 228, 93-94	0.2	
98	Crystal structure of 5-(2,6-dimethyl-4H-pyran-4-ylidene)-1,3-dimethylpyrimidine-2,4,6(1H,3H,5H)-trione, C <sub>13</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2013</b> , 228, 97-98	0.2	
97	Crystal structure of 2-(4-diethylamino-2-hydroxyphenyl)-benzoxazole, C <sub>17</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2013</b> , 228, 99-100	0.2	
96	Electrochemical Study on Rhodamine 6G-Indole Based Dye for HOMO and LUMO Energy Levels. <i>Textile Coloration and Finishing</i> , <b>2013</b> , 25, 7-12		6
95	Electrochemical Study for 1,3-Bisdicyanovinylindane. <i>Textile Coloration and Finishing</i> , <b>2013</b> , 25, 89-93		2
94	Switching properties of fluorescent photochromic poly(methyl methacrylate) with spironaphthoxazine and D-EA type pyran-based fluorescent dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 86, 600-4	4.4	7
93	Ionic comonomer effect of poly(N-isopropylacrylamide) copolymer containing D-EA type pyran-based fluorescent dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 92, 33-6	4.4	1
92	Temperature-modulated quenching and photoregulated optical switching of poly(N-isopropylacrylamide)/spironaphthoxazine/Rhodamine B hybrid in water. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 94, 308-11	4.4	4
91	Squarylium-based chromogenic anion sensors. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 95, 25-8	4.4	10
90	Toggle-switchable fluorescence of bisindolymaleimide derivatives by reversible esterification/hydrolysis. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 1098-1101	2	24
89	Modulation of a fluorescence switch of nanofiber mats containing photochromic spironaphthoxazine and D-EA charge transfer dye. <i>Journal of Luminescence</i> , <b>2012</b> , 132, 1427-1431	3.8	10

88	Synthesis and optical properties of a naphthalimide dimer. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2012</b> , 9, 2452-2455		2
87	Deprotonation/protonation-induced spectral switching of naphthalimide-coumarin chromophore. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2012</b> , 9, 2456-2459		6
86	Luminescence switching of CdTe quantum dots in presence of water-soluble spironaphthoxazine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 97, 699-702	4.4	7
85	Optical properties of photo- and thermo-responsive aqueous CdTe quantum dots/spironaphthoxazine/poly(N-isopropylacrylamide) hybrid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 97, 806-10	4.4	7
84	Synthesis and Optical Determination in Rhodamine-Based Chemosensors Toward Hg <sup>2+</sup> . <i>Molecular Crystals and Liquid Crystals</i> , <b>2012</b> , 568, 117-124	0.5	1
83	Design, Synthesis and Optical Property of Rhodamine 6G Based New Dye Sensor. <i>Molecular Crystals and Liquid Crystals</i> , <b>2012</b> , 566, 45-53	0.5	10
82	pH Triggered Dye Chemosensor: Design, Synthesis and Optical Switching Properties. <i>Molecular Crystals and Liquid Crystals</i> , <b>2012</b> , 566, 106-111	0.5	
81	Benzothiazole and indole based dye sensor: Optical switching functions with pH stimuli. <i>Fibers and Polymers</i> , <b>2012</b> , 13, 1101-1104	2	6
80	Solvent dependent triphenylamine based D-(pi-A)n type dye molecules and optical properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 1497-502	1.3	4
79	pH triggered switching dye sensor based on furan and pyrone units. <i>Fibers and Polymers</i> , <b>2012</b> , 13, 159-161		
78	Fast ethylamine gas sensing based on intermolecular charge-transfer complexation. <i>Chinese Chemical Letters</i> , <b>2012</b> , 23, 484-487	8.1	11
77	Synthesis and Solvatofluorochromism Behaviors on Intramolecular Charge Transfer System of Novel D- $\pi$ A Dyes. <i>Molecular Crystals and Liquid Crystals</i> , <b>2012</b> , 563, 257-271	0.5	6
76	Spectroscopic Characterization of Heptamethine Cyanine Dyes for the Interaction with the CN- and F-. <i>Molecular Crystals and Liquid Crystals</i> , <b>2012</b> , 566, 61-66	0.5	3
75	A colorimetric and fluorescent chemosensor for Ni <sup>2+</sup> based on donor- $\pi$ -acceptor charge transfer dye containing 2-cyanomethylene-3-cyano-4,5,5-trimethyl-2,5-dihydrofuran acceptor and 4-bis(pyridin-2-ylmethyl)aminobenzene donor. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 1503-6	1.3	3
74	Rhodamine 6G Based New Fluorophore Chemosensor Toward Hg <sup>2+</sup> . <i>Textile Coloration and Finishing</i> , <b>2012</b> , 24, 158-164		8
73	Synthesis of 2,2-bithiophene Based Dye Sensor and Optical Properties Toward Metal Cations. <i>Molecular Crystals and Liquid Crystals</i> , <b>2011</b> , 551, 163-171	0.5	2
72	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> , <b>2011</b> , 88, 84-87	4.6	23
71	Isophorone and pyrrole based push-pull system dye: Design, preparation and spectral switching on pH/fluoride ion. <i>Fibers and Polymers</i> , <b>2011</b> , 12, 692-695	2	5

70	Novel triazacarbocyanine dye sensor synthesis: pH switching effect. <i>Fibers and Polymers</i> , <b>2011</b> , 12, 976-978		
69	Effects of alkoxy substitution on the crystal structure of 2,3-bis[(E)-4-(diethylamino)-2-alkoxybenzylideneamino]fumaronitrile derivatives. <i>CrystEngComm</i> , <b>2011</b> , 13, 5374	3.3	11
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67	Effect of phenyl ring substitution on J-aggregate formation ability of novel bisazomethine dyes in vapour-deposited films. <i>Dyes and Pigments</i> , <b>2011</b> , 90, 56-64	4.6	12
66	The synthesis and spectral properties of a stimuli-responsive D $\pi$ 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> , <b>2011</b> , 217, 224-227	4.7	17
65	The synthesis and spectral properties of a stimuli-responsive D- $\pi$ A charge transfer dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2011</b> , 78, 234-7	4.4	13
64	Synthesis and Optical Chromic Properties of New Barbituric Acid based Dye Molecules Having Push-Pull System. <i>Molecular Crystals and Liquid Crystals</i> , <b>2011</b> , 550, 240-249	0.5	8
63	Synthesis and Characterization of Colorimetric Metal Sensing Properties Based on Azo Chromophore Moiety. <i>Molecular Crystals and Liquid Crystals</i> , <b>2011</b> , 538, 310-319	0.5	
62	A Highly Selective Detection Properties of 1,3-Bisdicyanovinylindane for Hg <sup>2+</sup> Ion. <i>Molecular Crystals and Liquid Crystals</i> , <b>2011</b> , 538, 320-326	0.5	1
61	Crystal structure of 4-(3,4-bis(2,5-dimethylthiophen-3-yl)-cyclopent-3-en-1-yl)benzaldehyde, C <sub>24</sub> H <sub>24</sub> OS <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2010</b> , 225, 606-608	0.2	
60	Photophysical Switching Properties of Spironaphthoxazine-poly(styrene-sulfonic acid) Polyion Complex. <i>Molecular Crystals and Liquid Crystals</i> , <b>2010</b> , 520, 151/[427]-157/[433]	0.5	
59	Dye Chemosensing Effect and Characterization Based on Hydroxyl Anthracene and Naphthalene Moiety. <i>Molecular Crystals and Liquid Crystals</i> , <b>2010</b> , 519, 90-98	0.5	2
58	Synthesis and Characterization of Benz-X-azole Based Dye Chemosensor. <i>Molecular Crystals and Liquid Crystals</i> , <b>2010</b> , 519, 99-107	0.5	2
57	Synthesis and sensing properties of triphenylamine based dye sensor. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 7730-4	1.3	0
56	Crystal structure of 8-methoxy-2-oxo-2H-chromene-3-carboxylic acid, C <sub>11</sub> H <sub>8</sub> O <sub>5</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2010</b> , 225, 65-66	0.2	1
55	Crystal structure of 3,3'-(4-(4-bromophenyl)cyclopent-1-ene-1,2-diyl)-bis(2,5-dimethylthiophene), C <sub>23</sub> H <sub>23</sub> BrS <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2010</b> , 225, 415-416	0.2	
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53	Design and synthesis of novel symmetrical heptamethine cyanine chromophores. <i>Fibers and Polymers</i> , <b>2010</b> , 11, 321-323	2	1

52	Synthesis and property of solvatochromic fluorophore based on D- $\pi$ -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> , <b>2010</b> , 75, 225-9	4.4	23
51	The photo- and electrophysical properties of curcumin in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2010</b> , 76, 384-7	4.4	20
50	D $\pi$ A solvatochromic charge transfer dyes containing a 2-cyanomethylene-3-cyano-4,5,5-trimethyl-2,5-dihydrofuran acceptor. <i>Dyes and Pigments</i> , <b>2010</b> , 84, 169-175	4.6	38
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48	The dyeing of supermicrofibre nylon with acid and vat dyes. <i>Dyes and Pigments</i> , <b>2010</b> , 87, 132-138	4.6	20
47	The synthesis and proton-induced spectral switching of a novel azine dye and its boron complex. <i>Dyes and Pigments</i> , <b>2010</b> , 87, 268-271	4.6	22
46	Crystal structure of 3-carboxyethyl-7-diethylaminocoumarin, C <sub>16</sub> H <sub>19</sub> NO <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2009</b> , 224, 593-594	0.2	
45	Crystal structure of 2,3-bis(5-bromo-3-methylthiophen-2-yl)benzo[b]thiophene, C <sub>18</sub> H <sub>12</sub> Br <sub>2</sub> S <sub>3</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2009</b> , 224, 691-692	0.2	1
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41	New fluorescent dye chemosensor for mercury ion (Hg <sup>2+</sup> ) detection. <i>Fibers and Polymers</i> , <b>2009</b> , 10, 272-274		8
40	Benzothiazole-based semisquaraine as colorimetric chemosensor for Hg <sup>2+</sup> . <i>Fibers and Polymers</i> , <b>2009</b> , 10, 403-405	2	7
39	Synthesis and optical/chemical properties of triphenylamine derivatives based mono-, di-, and tri-indanedione. <i>Fibers and Polymers</i> , <b>2009</b> , 10, 739-742	2	5
38	Colorimetric signaling of mono-, di-, and triethylamine based on intermolecular n- $\pi$ charge transfer interaction. <i>Fibers and Polymers</i> , <b>2009</b> , 10, 855-857	2	9
37	An anion sensor based on calix[4]arene-Reichardt's dye. <i>Fibers and Polymers</i> , <b>2009</b> , 10, 858-860	2	4
36	Optical properties of donor- $\pi$ (acceptor) <sub>n</sub> merocyanine dyes with dicyanovinylindane as acceptor group and triphenylamine as donor unit. <i>Dyes and Pigments</i> , <b>2009</b> , 82, 293-298	4.6	26
35	Self-assembly layer-by-layer fabrication using porphyrin dye anion and polycation. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2009</b> , 13, 774-778	1.8	1

34	Synthesis and Characterization of Quinoline-based Dye Sensor. <i>Molecular Crystals and Liquid Crystals</i> , <b>2009</b> , 504, 173-180	0.5	14
33	Characterization of New Benz-X-Azole Dye Derivatives and Metal Complexes. <i>Molecular Crystals and Liquid Crystals</i> , <b>2009</b> , 498, 158-164	0.5	1
32	Crystal structure of 2-(4-(diphenylamino)benzylidene)malononitrile, C <sub>22</sub> H <sub>15</sub> N <sub>3</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2009</b> , 224, 493-494	0.2	
31	Crystal structure of 4-formylphenyl-diphenylamine, C <sub>19</sub> H <sub>15</sub> NO. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2009</b> , 224, 459-460	0.2	2
30	Self-assembly multi-layer of 1,3-bisdicyanovinylindane and its spectral sensing properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 1160-3	1.3	
29	Facile preparation of biopatternable surface for selective immobilization from bacteria to mammalian cells. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 1204-9	1.3	10
28	Development of Cationic Dyeable Polyamide Substrates by Pretreatment with Synthetic Tanning Agent: Statistical Optimization and Analysis. <i>Textile Coloration and Finishing</i> , <b>2009</b> , 21, 41-50		2
27	Self-Assembly Fabrication Using Diazo Coupling Dye and Spiroxazine. <i>Molecular Crystals and Liquid Crystals</i> , <b>2008</b> , 491, 94-102	0.5	1
26	Electro-Optical Properties and X-ray Crystal Structure of a New Bisazomethine Dye. <i>Molecular Crystals and Liquid Crystals</i> , <b>2008</b> , 492, 46/[410]-55/[419]	0.5	6
25	Selective Patterning of Quantum Dots on Functionalized Surface Using Polyelectrolyte Transfer. <i>Molecular Crystals and Liquid Crystals</i> , <b>2008</b> , 492, 90/[454]-101/[465]	0.5	
24	Selective Photoluminescence Dye Patterning on Light Stamping Lithography (LSL) PDMS molds. <i>Molecular Crystals and Liquid Crystals</i> , <b>2008</b> , 491, 88-93	0.5	
23	Preparation of luminescing nanocrystal and its application to electrospinning. <i>Fibers and Polymers</i> , <b>2008</b> , 9, 534-537	2	3
22	Solvatochromism of indonaphthol dye. <i>Fibers and Polymers</i> , <b>2008</b> , 9, 659-660	2	1
21	Development of berberine attraction sites onto cellulosic substrates modified by reactive bridging agent: Statistical optimization and analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 325, 120-126	5.1	3
20	Berberine finishing for developing antimicrobial nylon 66 fibers: % exhaustion, colorimetric analysis, antimicrobial study, and empirical modeling. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 103, 1175-1182	2.9	25
19	Thermodynamic analysis of 1,4-diaminoanthraquinone adsorption on polyethylene terephthalate in alkane media. <i>Dyes and Pigments</i> , <b>2007</b> , 72, 246-250	4.6	12
18	Self-assembly multi-layer of diazonium resin and its coupling reaction with J-acid and H-acid. <i>Dyes and Pigments</i> , <b>2007</b> , 72, 345-348	4.6	8
17	Multichromic Dye Synthesis and Its Absorption Properties with Cyclodextrins. <i>Molecular Crystals and Liquid Crystals</i> , <b>2007</b> , 472, 231/[621]-237/[627]	0.5	

16	Polymethine Dye Synthesis and Its Leuco Property Investigation. <i>Molecular Crystals and Liquid Crystals</i> , <b>2007</b> , 472, 225/[615]-230/[620]	0.5	2
15	Multi-layer preparation of phthalocyanine dye and diazonium resin using a self-assembly fabrication method. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2006</b> , 10, 991-995	1.8	1
14	Imparting durable antimicrobial properties to cotton fabrics using quaternary ammonium salts through 4-aminobenzenesulfonic acid-chloro-1,2,4-triazine adduct. <i>European Polymer Journal</i> , <b>2006</b> , 42, 3059-3067	5.2	69
13	Affinity of disperse dyes on poly(ethylene terephthalate) in non-aqueous media: part 1. Adsorption and solubility properties. <i>Dyes and Pigments</i> , <b>2005</b> , 64, 73-78	4.6	12
12	New pH indicator based on 1,3-bisdicyanovinylindane. <i>Dyes and Pigments</i> , <b>2005</b> , 64, 153-155	4.6	14
11	Synthesis of a novel bridge compound having hetero-bi-functional reactive groups. Part 1: its adsorption properties. <i>Dyes and Pigments</i> , <b>2005</b> , 65, 261-266	4.6	3
10	Affinity of disperse dyes on poly(ethylene terephthalate) in non-aqueous media. Part 2: effect of substituents. <i>Dyes and Pigments</i> , <b>2005</b> , 66, 19-25	4.6	15
9	Synthesis of a novel bridge compound having hetero-bi-functional reactive groups. Part 2: the characteristics of disperse dyeings. <i>Dyes and Pigments</i> , <b>2005</b> , 66, 27-32	4.6	7
8	Degradation of the disazo acid dye by the sulfur-containing amino acids of wool fibers. <i>Dyes and Pigments</i> , <b>2005</b> , 67, 127-132	4.6	6
7	Thermodynamic parameters of disperse dyeing on several polyester fibers having different molecular structures. <i>Dyes and Pigments</i> , <b>2005</b> , 67, 229-234	4.6	55
6	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> , <b>2005</b> , 64, 85-89	4.6	41
5	Indigo adsorption properties to polyester fibers of different levels of fineness. <i>Dyes and Pigments</i> , <b>2005</b> , 65, 137-143	4.6	6
4	An approach to the dyeing of polyester fiber using indigo and its extended wash fastness properties. <i>Dyes and Pigments</i> , <b>2004</b> , 61, 263-272	4.6	22
3	Effect of reactive anionic agent on dyeing of cellulosic fibers with a Berberine colorant. <i>Dyes and Pigments</i> , <b>2004</b> , 60, 121-127	4.6	45
2	Durable antimicrobial nylon 66 fabrics: Ionic interactions with quaternary ammonium salts. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 90, 2194-2199	2.9	71
1	The fastness, to repeated washing, of reactive dyes and pre-metallised acid dyes on nylon 6,6. <i>Dyes and Pigments</i> , <b>2000</b> , 45, 43-49	4.6	17