

Young-A Son

List of Publications by Citations

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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 | Rhodamine-chloronicotinaldehyde-based OFF-ON chemosensor for the colorimetric and fluorescent determination of Al ³⁺ ions. <i>Sensors and Actuators B: Chemical</i> , 2015 , 208, 75-84 | 8.5 | 74 |
| 266 | Durable antimicrobial nylon 66 fabrics: Ionic interactions with quaternary ammonium salts. <i>Journal of Applied Polymer Science</i> , 2003 , 90, 2194-2199 | 2.9 | 71 |
| 265 | Imparting durable antimicrobial properties to cotton fabrics using quaternary ammonium salts through 4-aminobenzenesulfonic acid-chloroquinazoline adduct. <i>European Polymer Journal</i> , 2006 , 42, 3059-3067 | 5.27 | 69 |
| 264 | A dual chemosensor for both Cu ²⁺ and Al ³⁺ : A potential Cu ²⁺ and Al ³⁺ switched YES logic function with an INHIBIT logic gate and a novel solid sensor for detection and extraction of Al ³⁺ ions from aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2016 , 222, 447-458 | 8.5 | 66 |
| 263 | A highly selective dual-channel Cu ²⁺ and Al ³⁺ chemodosimeter in aqueous systems: Sensing in living cells and microfluidic flows. <i>Sensors and Actuators B: Chemical</i> , 2015 , 210, 173-182 | 8.5 | 62 |
| 262 | Colorimetric and Turn-on fluorescent determination of Hg ²⁺ ions based on a rhodamine-pyridine derivative. <i>Sensors and Actuators B: Chemical</i> , 2014 , 196, 388-397 | 8.5 | 60 |
| 261 | Efficient rhodamine-thiosemicarbazide-based colorimetric/fluorescent Turn-on chemodosimeters for the detection of Hg ²⁺ in aqueous samples. <i>Sensors and Actuators B: Chemical</i> , 2015 , 214, 101-110 | 8.5 | 57 |
| 260 | Thermodynamic parameters of disperse dyeing on several polyester fibers having different molecular structures. <i>Dyes and Pigments</i> , 2005 , 67, 229-234 | 4.6 | 55 |
| 259 | Synthesis of new TiO ₂ /porphyrin-based composites and photocatalytic studies on methylene blue degradation. <i>Dyes and Pigments</i> , 2019 , 160, 37-47 | 4.6 | 52 |
| 258 | Synthesis of novel squaraine-Bis(rhodamine-6G): A fluorescent chemosensor for the selective detection of Hg ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2014 , 202, 779-787 | 8.5 | 52 |
| 257 | 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 | 8.5 | 49 |
| 256 | A highly selective fluorescent chemosensor for Hg ²⁺ based on a squaraine-Bis(rhodamine-B) derivative: Part II. <i>Sensors and Actuators B: Chemical</i> , 2015 , 210, 519-532 | 8.5 | 49 |
| 255 | Effect of reactive anionic agent on dyeing of cellulosic fibers with a Berberine colorant. <i>Dyes and Pigments</i> , 2004 , 60, 121-127 | 4.6 | 45 |
| 254 | 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 | 4.6 | 44 |
| 253 | 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 | 4.6 | 41 |
| 252 | Efficient luminescence from easily prepared fluorine-Boron core complexes based on benzothiazole and benzoxazole. <i>Dyes and Pigments</i> , 2014 , 107, 182-187 | 4.6 | 38 |
| 251 | 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 | 4.6 | 38 |

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| 250 | Tunable emission of hydrazine-containing bipyrrrole fluorineBoron complexes by linear extension. <i>Dyes and Pigments</i> , 2016 , 124, 232-240 | 4.6 | 37 |
| 249 | 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 | 8.5 | 36 |
| 248 | Synthesis of near-infrared absorbing pyrylium-squaraine dye for selective detection of Hg ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2013 , 188, 847-856 | 8.5 | 36 |
| 247 | Dual sensing performance of a rhodamine-derived scaffold for the determination of Cu ²⁺ and Ce ⁴⁺ in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2015 , 220, 1254-1265 | 8.5 | 34 |
| 246 | A coumarin-derived Cu-fluorescent chemosensor and its direct application in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 188, 571-580 | 4.4 | 34 |
| 245 | Photoregulated optical switching of poly(N-isopropylacrylamide) hydrogel in aqueous solution with covalently attached spironaphthoxazine and D-FA type pyran-based fluorescent dye. <i>Dyes and Pigments</i> , 2010 , 87, 158-163 | 4.6 | 32 |
| 244 | Uniform assembly of gold nanoparticles on S-doped g-C ₃ N ₄ nanocomposite for effective conversion of 4-nitrophenol by catalytic reduction. <i>Journal of Materials Science and Technology</i> , 2020 , 40, 176-184 | 9.1 | 32 |
| 243 | 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 | 8.5 | 31 |
| 242 | Rhodamine-fluorene based dual channel probe for the detection of Hg ²⁺ ions and its application in digital printing. <i>Sensors and Actuators B: Chemical</i> , 2018 , 261, 545-552 | 8.5 | 28 |
| 241 | Photophysical, electrochemical, thermal and aggregation properties of new metal phthalocyanines. <i>Journal of Molecular Structure</i> , 2017 , 1147, 469-479 | 3.4 | 28 |
| 240 | 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 | 8.5 | 27 |
| 239 | A benzothiazole-based semisquarylium dye suitable for highly selective Hg ²⁺ sensing in aqueous media. <i>Dyes and Pigments</i> , 2009 , 83, 324-327 | 4.6 | 26 |
| 238 | Optical properties of donor-(acceptor) _n merocyanine dyes with dicyanovinylindane as acceptor group and triphenylamine as donor unit. <i>Dyes and Pigments</i> , 2009 , 82, 293-298 | 4.6 | 26 |
| 237 | Ultrasonic synthesis of MnO nanorods: An efficient catalytic conversion of refractory pollutant, methylene blue. <i>Ultrasonics Sonochemistry</i> , 2020 , 62, 104870 | 8.9 | 26 |
| 236 | Novel styrylbenzothiazolium dye-based sensor for mercury, cyanide and hydroxide ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 144, 226-34 | 4.4 | 25 |
| 235 | 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 ²⁵ | 2.9 | 25 |
| 234 | Synthesis and efficient dyeing of anthraquinone derivatives on polyester fabric with supercritical carbon dioxide. <i>Dyes and Pigments</i> , 2019 , 166, 330-339 | 4.6 | 24 |
| 233 | Toggle-switchable fluorescence of bisindolylmaleimide derivatives by reversible esterification/hydrolysis. <i>Tetrahedron Letters</i> , 2012 , 53, 1098-1101 | 2 | 24 |

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| 232 | Investigating Polaron Formation in Anatase and Brookite TiO by Density Functional Theory with Hybrid-Functional and DFT + Methods. <i>ACS Omega</i> , 2019 , 4, 8056-8064 | 3.9 | 23 |
| 231 | 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 | 7.6 | 23 |
| 230 | A renovation of non-aqueous Al ³⁺ 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 | 8.5 | 23 |
| 229 | 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 & Interfaces</i> , 2018 , 10, 24767-24775 | 9.5 | 23 |
| 228 | 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 | 4.6 | 23 |
| 227 | 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> , 2010 , 75, 225-9 | 4.4 | 23 |
| 226 | An OFF-ON fluorescent chemosensor based on rhodamine 6G-2-chloronicotinaldehyde for the detection of Al ³⁺ ions: Part II. <i>Sensors and Actuators B: Chemical</i> , 2016 , 227, 227-241 | 8.5 | 22 |
| 225 | 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 | 4.6 | 22 |
| 224 | 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 | 4.6 | 22 |
| 223 | Ultrasound-assisted method to improve the structure of CeO@polypropylene core-shell nanosphere and its photocatalytic reduction of hazardous Cr. <i>Ultrasonics Sonochemistry</i> , 2019 , 59, 104738 | 8.9 | 20 |
| 222 | 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 | 8.5 | 20 |
| 221 | The photo- and electrophysical properties of curcumin in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010 , 76, 384-7 | 4.4 | 20 |
| 220 | The dyeing of supermicrofibre nylon with acid and vat dyes. <i>Dyes and Pigments</i> , 2010 , 87, 132-138 | 4.6 | 20 |
| 219 | Porphyrin Dye/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 | 4.6 | 20 |
| 218 | 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> , 2019 , 297, 126723 | 8.5 | 19 |
| 217 | A new rhodamine 6 G based chemosensor for trace level Al ³⁺ and its thin film application in 100% aqueous medium. <i>Sensors and Actuators B: Chemical</i> , 2016 , 236, 184-191 | 8.5 | 19 |
| 216 | A highly selective and sensitive photoswitchable fluorescent probe for Hg ²⁺ based on bithienylethene-rhodamine 6G dyad and for live cells imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 128, 567-74 | 4.4 | 19 |
| 215 | 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 | 4.7 | 17 |

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| 214 | 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 | 4.6 | 17 |
| 213 | Imidazole-containing ratiometric receptor for the selective and sensitive detection of cyanide and fluoride via deprotonation and a receptor-anion ensemble for Cu ²⁺ sensing. <i>Journal of Luminescence</i> , 2018 , 204, 244-252 | 3.8 | 16 |
| 212 | A novel sensing capabilities and structural modification from thiourea to urea derivative by Hg(ClO ₄) ₂ : Selective dual chemodosimeter for Hg ²⁺ and F ⁻ ions. <i>Sensors and Actuators B: Chemical</i> , 2015 , 220, 1070-1085 | 8.5 | 15 |
| 211 | 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 | 3.6 | 15 |
| 210 | A simple and fast responsive colorimetric moisture sensor based on symmetrical conjugated polymer. <i>Sensors and Actuators B: Chemical</i> , 2020 , 311, 127906 | 8.5 | 15 |
| 209 | Through-bond energy transfer based dyad and triad shape fluorescence OFF-ON-OFF probes for Hg ²⁺ ions and their application in live HeLa cells and Zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2017 , 240, 1272-1282 | 8.5 | 15 |
| 208 | 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 | 4.6 | 15 |
| 207 | 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 | 8.5 | 15 |
| 206 | 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 | 4.6 | 14 |
| 205 | A new dual fluorogenic and chromogenic "turn-on" chemosensor for Cu ²⁺ /F ⁻ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 151, 48-55 | 4.4 | 14 |
| 204 | Synthesis, thermochromic, solvatochromic and axial ligation studies of Zn-porphyrin complex. <i>Inorganica Chimica Acta</i> , 2018 , 469, 453-460 | 2.7 | 14 |
| 203 | Spectral Switching of Naphthalimide-Coumarin Induced by F ⁻ . <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 5370-3 | 1.3 | 14 |
| 202 | Synthesis and chemosensitivity of a new iminium salt toward a cyanide anion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 127, 268-74 | 4.4 | 14 |
| 201 | Synthesis and Characterization of Quinoline-based Dye Sensor. <i>Molecular Crystals and Liquid Crystals</i> , 2009 , 504, 173-180 | 0.5 | 14 |
| 200 | New pH indicator based on 1,3-bisdicyanovinylindane. <i>Dyes and Pigments</i> , 2005 , 64, 153-155 | 4.6 | 14 |
| 199 | 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 | 3.6 | 13 |
| 198 | Porphyrin dye/TiO ₂ entrenched in PET to attain self-cleaning property through visible light photocatalytic activity. <i>Research on Chemical Intermediates</i> , 2019 , 45, 3655-3671 | 2.8 | 13 |
| 197 | Liquid and gaseous state visual detection of chemical warfare agent mimic DCP by optical sensor. <i>Dyes and Pigments</i> , 2019 , 171, 107712 | 4.6 | 13 |

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| 196 | The synthesis and spectral properties of a stimuli-responsive D- π A charge transfer dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 78, 234-7 | 4.4 | 13 |
| 195 | The thermoresponsive behaviour of a poly(N-isopropylacrylamide) hydrogel with a D- π A type pyran-based fluorescent dye. <i>Dyes and Pigments</i> , 2010 , 87, 84-88 | 4.6 | 13 |
| 194 | Fabrication and topochemically controlled diacetylene-based polymer and its colorimetric application toward HCl detection. <i>Dyes and Pigments</i> , 2020 , 174, 108061 | 4.6 | 13 |
| 193 | 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 | 4.4 | 12 |
| 192 | Investigation of reversible self-thermochromism in microencapsulated fluoran-based materials. <i>Dyes and Pigments</i> , 2018 , 151, 64-74 | 4.6 | 12 |
| 191 | Synthesis and characterization of triphenylamine-based polymers and their application towards solid-state electrochromic cells. <i>RSC Advances</i> , 2016 , 6, 78984-78993 | 3.7 | 12 |
| 190 | Design and synthesis of novel chemosensor based on rhodamine 6G monitoring heavy metal ions. <i>Supramolecular Chemistry</i> , 2013 , 25, 87-91 | 1.8 | 12 |
| 189 | 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 | 4.6 | 12 |
| 188 | Thermodynamic analysis of 1,4-diaminoanthraquinone adsorption on polyethylene terephthalate in alkane media. <i>Dyes and Pigments</i> , 2007 , 72, 246-250 | 4.6 | 12 |
| 187 | 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 | 4.6 | 12 |
| 186 | Nitro Substituted Bisindolylmalimide Derivatives: Position-Dependent Emission. <i>Molecular Crystals and Liquid Crystals</i> , 2015 , 608, 273-281 | 0.5 | 11 |
| 185 | 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 | 0.5 | 11 |
| 184 | Fast ethylamine gas sensing based on intermolecular charge-transfer complexation. <i>Chinese Chemical Letters</i> , 2012 , 23, 484-487 | 8.1 | 11 |
| 183 | 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 | 3.3 | 11 |
| 182 | Synthesis of a novel pyrylium salt with chemoselectivity to a cyanide anion. <i>Supramolecular Chemistry</i> , 2015 , 27, 191-200 | 1.8 | 10 |
| 181 | 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 | 3.9 | 10 |
| 180 | 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> , 2020 , 233, 118179 | 4.4 | 10 |
| 179 | Squarylium-based chromogenic anion sensors. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 95, 25-8 | 4.4 | 10 |

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| 178 | Modulation of a fluorescence switch of nanofiber mats containing photochromic spironaphthoxazine and D-EA charge transfer dye. <i>Journal of Luminescence</i> , 2012 , 132, 1427-1431 | 3.8 | 10 |
| 177 | Optical properties of novel pyrene fluorocyanide chemosensor toward fluoride anions. <i>Fibers and Polymers</i> , 2013 , 14, 2010-2014 | 2 | 10 |
| 176 | Properties of Star Shaped Thiophene Materials Having a Build-In Photochromic Core. <i>Molecular Crystals and Liquid Crystals</i> , 2014 , 602, 1-8 | 0.5 | 10 |
| 175 | Design, Synthesis and Optical Property of Rhodamine 6G Based New Dye Sensor. <i>Molecular Crystals and Liquid Crystals</i> , 2012 , 566, 45-53 | 0.5 | 10 |
| 174 | Solvent Dependent Energy Transfer of N-bridged Naphthalimide-Bisindolymaleimide Fluorescent Dyes. <i>Molecular Crystals and Liquid Crystals</i> , 2013 , 584, 18-26 | 0.5 | 10 |
| 173 | Facile preparation of biopatternable surface for selective immobilization from bacteria to mammalian cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 1204-9 | 1.3 | 10 |
| 172 | Synthesis of porphyrin sensitizers with a thiazole group as an efficient spacer: potential application in dye-sensitized solar cells. <i>RSC Advances</i> , 2016 , 6, 41294-41303 | 3.7 | 10 |
| 171 | Ac2O/HCl Modulated Fluorescence On-Off Model Based on Arylmaleimide. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 5366-9 | 1.3 | 9 |
| 170 | Turn-on fluorescent and colorimetric determination of Cu ²⁺ ions in aqueous media based on a Rhodamine-N-phenyl Semicarbazide derivative. <i>Fibers and Polymers</i> , 2015 , 16, 953-960 | 2 | 9 |
| 169 | Colorimetric signaling of mono-, di-, and triethylamine based on intermolecular n-charge transfer interaction. <i>Fibers and Polymers</i> , 2009 , 10, 855-857 | 2 | 9 |
| 168 | "Turn-On" Fluorescent and Colorimetric Detection of Zn Ions by Rhodamine-Cinnamaldehyde Derivative. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 5333-5340 | 1.3 | 8 |
| 167 | Solvent effect on the thermochromism of new betaine dyes. <i>Dyes and Pigments</i> , 2017 , 136, 458-466 | 4.6 | 8 |
| 166 | Deprotonation/Protonation Induced Spectral Switching of 1,8-Naphthalimide Dye. <i>Molecular Crystals and Liquid Crystals</i> , 2014 , 600, 163-169 | 0.5 | 8 |
| 165 | Through-Bond Energy Transfer Cassettes: Pyrene-Bisindolymaleimide Dyads with Large Pseudo-Stokes Shifts. <i>Molecular Crystals and Liquid Crystals</i> , 2014 , 601, 182-189 | 0.5 | 8 |
| 164 | New fluorescent dye chemosensor for mercury ion (Hg ²⁺) detection. <i>Fibers and Polymers</i> , 2009 , 10, 272-274 | | 8 |
| 163 | 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 | 0.5 | 8 |
| 162 | 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 | 4.6 | 8 |
| 161 | Rhodamine 6G Based New Fluorophore Chemosensor Toward Hg ²⁺ . <i>Textile Coloration and Finishing</i> , 2012 , 24, 158-164 | | 8 |

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| 160 | Naphthalimide-coumarin: Dependent energy transfer cassette and its response to F [−] . <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 644, 257-266 | 0.5 | 7 |
| 159 | A Novel Morpholine-Based Rhodamine Fluorescent Chemosensor for the Rapid Detection of Hg Ions. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 6893-6898 | 1.3 | 7 |
| 158 | Switching properties of fluorescent photochromic poly(methyl methacrylate) with spironaphthoxazine and D- π A type pyran-based fluorescent dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 86, 600-4 | 4.4 | 7 |
| 157 | Luminescence switching of CdTe quantum dots in presence of water-soluble spironaphthoxazine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 97, 699-702 | 4.4 | 7 |
| 156 | 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> , 2012 , 97, 806-10 | 4.4 | 7 |
| 155 | Benzothiazole-based semisquaraine as colorimetric chemosensor for Hg ²⁺ . <i>Fibers and Polymers</i> , 2009 , 10, 403-405 | 2 | 7 |
| 154 | Synthesis of a novel bridge compound having hetero-bi-functional reactive groups. Part 2: the characteristics of disperse dyeings. <i>Dyes and Pigments</i> , 2005 , 66, 27-32 | 4.6 | 7 |
| 153 | A New Anthracene Based Fluorescent Turn-On Sensor for Fe ³⁺ . <i>Bulletin of the Korean Chemical Society</i> , 2014 , 35, 277-279 | 1.2 | 7 |
| 152 | Visible Light Photo-Sensitized Metallo-Porphyrin/TiO ₂ Photocatalyst and Its Related Self-Cleaning Effects in Poly Ethylene Terephthalate. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 8004-8012 ¹⁻³ | 1.3 | 7 |
| 151 | Design and synthesis of polydiacetylenes, and their low temperature irreversible thermochromic properties. <i>Dyes and Pigments</i> , 2021 , 184, 108839 | 4.6 | 7 |
| 150 | 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> , 2016 , 17, 553-559 | 2 | 6 |
| 149 | Configuration of white light emission by coumarin and naphthalimide. <i>Molecular Crystals and Liquid Crystals</i> , 2018 , 660, 10-16 | 0.5 | 6 |
| 148 | Significant emission red-shift of BODIPY derivatives with strong electron-acceptor attached. <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 654, 139-145 | 0.5 | 6 |
| 147 | Deprotonation/protonation-induced spectral switching of naphthalimide-coumarin chromophore. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012 , 9, 2456-2459 | | 6 |
| 146 | Benzothiazole and indole based dye sensor: Optical switching functions with pH stimuli. <i>Fibers and Polymers</i> , 2012 , 13, 1101-1104 | 2 | 6 |
| 145 | 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 | 0.5 | 6 |
| 144 | Electro-Optical Properties and X-ray Crystal Structure of a New Bisazomethine Dye. <i>Molecular Crystals and Liquid Crystals</i> , 2008 , 492, 46/[410]-55/[419] | 0.5 | 6 |
| 143 | Degradation of the disazo acid dye by the sulfur-containing amino acids of wool fibers. <i>Dyes and Pigments</i> , 2005 , 67, 127-132 | 4.6 | 6 |

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| 142 | Indigo adsorption properties to polyester fibers of different levels of fineness. <i>Dyes and Pigments</i> , 2005 , 65, 137-143 | 4.6 | 6 |
| 141 | Electrochemical Study on Rhodamine 6G-Indole Based Dye for HOMO and LUMO Energy Levels. <i>Textile Coloration and Finishing</i> , 2013 , 25, 7-12 | | 6 |
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| 134 | A Chromone Based Fluorescent Probe for the Effective Detection of Aluminium Ion. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 2840-2846 | 1.3 | 5 |
| 133 | A photocatalytic comparison study between tin complex and carboxylic acid derivatives of porphyrin/TiO ₂ composites. <i>Research on Chemical Intermediates</i> , 2020 , 46, 313-328 | 2.8 | 5 |
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| 124 | Emission behavior of perimidine attached BODIPY and its response to acid/base. <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 654, 131-138 | 0.5 | 4 |
| 123 | Fluoride Triggered Optical Switching Functions of Naphthalimide Chromophoric Materials. <i>Molecular Crystals and Liquid Crystals</i> , 2014 , 604, 184-192 | 0.5 | 4 |
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| 118 | A BODIPY based emission signal turn-on probe toward multiple heavy metals. <i>Molecular Crystals and Liquid Crystals</i> , 2020 , 706, 38-46 | 0.5 | 4 |
| 117 | Controlled ultrasonic synthesis of TiO ₂ @C ₃ N ₄ nanocomposites with porphyrin as a solid-state electron mediator: A promising material for pollutant discoloration under visible light. <i>Ceramics International</i> , 2021 , 47, 14399-14407 | 5.1 | 4 |
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| 115 | Synthesis and characterisation of new acridine dye molecules combined UV absorber and exploring photophysical properties. <i>Dyes and Pigments</i> , 2021 , 192, 109391 | 4.6 | 4 |
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| 111 | The excited-state intramolecular proton transfer fluorescence of HBT derivative induced by solvent polarity. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 635, 158-166 | 0.5 | 3 |
| 110 | Charge transfer modulated photochromic reactivity by incorporation picolylamine to a diarylethene unit. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 636, 1-9 | 0.5 | 3 |
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| 107 | A Highly Selective Rhodamine Based Colorimetric Sensor Toward Cu ²⁺ . <i>Molecular Crystals and Liquid Crystals</i> , 2014 , 599, 8-15 | 0.5 | 3 |

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| 106 | Characterization of Acetylacetonato-bis-(2-(4-amino-2-hydroxyphenyl)benzthiazole) Complex. <i>Molecular Crystals and Liquid Crystals</i> , 2009 , 498, 151-157 | 0.5 | 3 |
| 105 | Spectroscopic Characterization of Heptamethine Cyanine Dyes for the Interaction with the CN- and F-. <i>Molecular Crystals and Liquid Crystals</i> , 2012 , 566, 61-66 | 0.5 | 3 |
| 104 | A colorimetric and fluorescent chemosensor for Ni ²⁺ 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> , 2012 , 12, 1503-6 | 1.3 | 3 |
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| 83 | Synthesis and Characterization of Benz-X-azole Based Dye Chemosensor. <i>Molecular Crystals and Liquid Crystals</i> , 2010 , 519, 99-107 | 0.5 | 2 |
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| 77 | Development of Cationic Dyeable Polyamide Substrates by Pretreatment with Synthetic Tanning Agent: Statistical Optimization and Analysis. <i>Textile Coloration and Finishing</i> , 2009 , 21, 41-50 | | 2 |
| 76 | Electrochemical, Photophysical and Theoretical Studies of Novel Zinc Phthalocyanines. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 5402-5410 | 1.3 | 2 |
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| 57 | A Highly Selective Detection Properties of 1,3-Bisdicyanovinylindane for Hg ²⁺ Ion. <i>Molecular Crystals and Liquid Crystals</i> , 2011 , 538, 320-326 | 0.5 | 1 |
| 56 | Self-assembly layer-by-layer fabrication using porphyrin dye anion and polycation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 774-778 | 1.8 | 1 |
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| 39 | Emission shift of an imidazole bridged diethylaminocoumarin and diphenyl. <i>Molecular Crystals and Liquid Crystals</i> , 2020 , 704, 48-56 | 0.5 | 0 |
| 38 | Photochromic reactivity induced by electron distribution: active or inactive. <i>Molecular Crystals and Liquid Crystals</i> , 2019 , 689, 83-91 | 0.5 | 0 |
| 37 | 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> , 2022 , 266, 120413 | 4.4 | 0 |
| 36 | An ecofriendly dyeing of nylon and cotton fabrics in supercritical CO ₂ with novel tricyanopyrrolidone reactive disperse dye. <i>Journal of CO₂ Utilization</i> , 2022 , 60, 102004 | 7.6 | 0 |
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| 32 | Synthesis, Spectral and Photophysical Properties of Anthracene Substituted Phthalocyanines; A Study as Polyurethane Electrospun Nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 1716-1722 | 1.3 |
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| 24 | Crystal structure of 2,3-bis(3'-methylthiophene-5'-carbaldehyde-2-yl) thiophene, C ₁₆ H ₁₂ O ₂ S ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2014 , 229, 85-86 | 0.2 |
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| 22 | pH triggered switching dye sensor based on furan and pyrone units. <i>Fibers and Polymers</i> , 2012 , 13, 159-161 | 0.5 |
| 21 | Crystal structure of 2,6-diiodo-8-phenyl-BODIPY, C ₁₉ H ₁₇ BF ₂ I ₂ N ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2013 , 228, 91-92 | 0.2 |
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| 17 | Crystal structure of 2-(4-diethylamino-2-hydroxyphenyl)-benzoxazole, C ₁₇ H ₁₈ N ₂ O ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2013 , 228, 99-100 | 0.2 |

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