# AssocâEProfâEDr Paitoon Rashatasakho

List of Publications by Year
in descending order



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|---|---|---|---|
| 42 papers | 797 citations | 567281 15 h-index | 526287 27 g-index |
| 42 all docs | 42 docs citations | 42 times ranked | 1062 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ratiometric Fluorescent Sensor for Copper(II) and Phosphate Ions from Aminopyrene Derivatives. Photochemistry and Photobiology, 2022, 98, 856-863. | 2.5 | 2 |
| 2 | Synthesis, physicochemical properties, and protective effects of a novel water-soluble tetrahydrocurcumin-diglutaric acid prodrug on ethanol-induced toxicity in HepG2 cells. Journal of Pharmaceutical Investigation, 2022, 52, 477-487. | 5.3 | 2 |
| 3 | Fluorescence Sensors for Bismuth (III) Ion from Pyreno[4,5â€d]imidazole Derivatives. Photochemistry and Photobiology, 2021, 97, 301-308. | 2.5 | 8 |
| 4 | Protective Effects of a Lutein Ester Prodrug, Lutein Diglutaric Acid, against H2O2-Induced Oxidative Stress in Human Retinal Pigment Epithelial Cells. International Journal of Molecular Sciences, 2021, 22, 4722. | 4.1 | 21 |
| 5 | Fluorescent Sensor for Copper(II) and Cyanide Ions via the Complexationâ€"Decomplexation Mechanism with Di(bissulfonamido)spirobifluorene. ACS Omega, 2021, 6, 16696-16703. | 3.5 | 22 |
| 6 | The synergy of CHEF and ICT toward fluorescence â€˜turn-onâ€™ probes based on push-pull benzothiazoles for selective detection of Cu2+ in acetonitrile/water mixture. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 415, 113318. | 3.9 | 15 |
| 7 | BODIPY-Pyridylhydrazone Probe for Fluorescence Turn-On Detection of Fe3+ and Its Bioimaging Application. Chemosensors, 2021, 9, 165. | 3.6 | 13 |
| 8 | A â€œturn onâ€•fluorometric and colorimetric probe based on vinylphenol-BODIPY for selective detection of Au(III) ion in solution and in living cells. Dyes and Pigments, 2021, 191, 109341. | 3.7 | 10 |
| 9 | Selective fluorescent sensors for gold(III) ion from N-picolyl sulfonamide spirobifluorene derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 402, 112823. | 3.9 | 12 |
| 10 | Aryl Ethynylpyrene as Fluorescent Sensors for Cyanide Ions in Aqueous Media. ChemistrySelect, 2020, 5, 4303-4306. | 1.5 | 8 |
| 11 | Solvatochromic triazaborolopyridinium probes toward ultra-sensitive trace water detection in organic solvents. Dyes and Pigments, 2020, 181, 108554. | 3.7 | 42 |
| 12 | Hydrophilic Truxene Derivative as a Fluorescent off-on Sensor for Copper (II) Ion and Phosphate Species. Journal of Fluorescence, 2019, 29, 417-424. | 2.5 | 11 |
| 13 | Novel sulfonamidospirobifluorenes as fluorescent sensors for mercury(<scp>ii</scp>) ion and glutathione. RSC Advances, 2019, 9, 11451-11458. | 3.6 | 7 |
| 14 | Synthesis, characterization, and hole-transporting properties of benzotriazatruxene derivatives. Journal of Materials Chemistry C, 2019, 7, 15035-15041. | 5.5 | 2 |
| 15 | Aminoquinolineâ€Salicylaldimine Dyads as Highly Selective Turnâ€On Fluorescent Sensors for Zinc (II) Ions. ChemistrySelect, 2018, 3, 3495-3499. | 1.5 | 12 |
| 16 | Salicylaldimineâ€functionalized poly(mâ€phenyleneethynylene) as turnâ€on chemosensor for ferric ion. Journal of Polymer Science Part A, 2018, 56, 1155-1161. | 2.3 | 5 |
| 17 | Solution processed blue-emitting and hole-transporting materials from truxene-carbazole-pyrene triads. Organic Electronics, 2018, 57, 352-358. | 2.6 | 11 |
| 18 | Development of highly soluble perylenetetracarboxylic diimide derivative for n-type monolayer field-effect-transistor. Molecular Crystals and Liquid Crystals, 2018, 669, 94-105. | 0.9 | 1 |

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|---|---|---|---|
| 19 | A novel indolium salt as a highly sensitive and selective fluorescent sensor for cyanide detection in water. Journal of Hazardous Materials, 2017, 329, 255-261. | 12.4 | 48 |
| 20 | Pyrenyl benzimidazole-isoquinolinones: Aggregation-induced emission enhancement property and application as TNT fluorescent sensor. Sensors and Actuators B: Chemical, 2017, 248, 665-672. | 7.8 | 23 |
| 21 | N-Bromosuccinimide mediated synthesis of triazatruxenes from indoles. Tetrahedron Letters, 2017, 58, 4149-4152. | 1.4 | 11 |
| 22 | A highly selective turn-on fluorescent sensor for glucosamine from amidoquinoline-napthalimide dyads. Biosensors and Bioelectronics, 2016, 86, 472-476. | 10.1 | 7 |
| 23 | Salicylyl Fluorene Derivatives as Fluorescent Sensors for Cu(II) Ions. Journal of Fluorescence, 2016, 26, 745-752. | 2.5 | 6 |
| 24 | Synthesis, characterization, and hole-transporting properties of pyrenyl N-substituted triazatruxenes. RSC Advances, 2016, 6, 56392-56398. | 3.6 | 12 |
| 25 | Synthesis and characterization of new triphenylamino-1,8-naphthalimides for organic light-emitting diode applications. New Journal of Chemistry, 2015, 39, 2807-2814. | 2.8 | 16 |
| 26 | Synthesis and characterization of hole-transporting star-shaped carbazolyl truxene derivatives. RSC Advances, 2015, 5, 72841-72848. | 3.6 | 10 |
| 27 | Ferrocenyl derivative of 1,8-naphthalimide as a new turn-on fluorescent sensor for Au(III) ion. Dyes and Pigments, 2015, 112, 236-238. | 3.7 | 44 |
| 28 | Selective Enantioseparation of Racemic Amlodipine by Biphasic Recognition Chiral Separation System. Separation Science and Technology, 2014, 49, 1357-1365. | 2.5 | 7 |
| 29 | New Water Soluble Terphenylene Diethynylene Fluorophores. Journal of Fluorescence, 2014, 24, 197-202. | 2.5 | 4 |
| 30 | Substituent effect on quantum efficiency in 4-aryloxy-N-(2â€²,6â€²-diisopropylphenyl)-1,8-naphthalimides: Experimental and computational investigations. Dyes and Pigments, 2014, 109, 175-180. | 3.7 | 6 |
| 31 | A nitroaromatic fluorescence sensor from a novel tripyrenyl truxene. RSC Advances, 2014, 4, 58077-58082. | 3.6 | 19 |
| 32 | Enantioselective Separation of Racemic Amlodipine by Two-Phase Chiral Extraction ContainingO,Oâ€²-Dibenzoyl-(2S,3S)-Tartaric Acid as Chiral Selector. Separation Science and Technology, 2013, 48, 2363-2371. | 2.5 | 11 |
| 33 | Water-soluble branched phenylene-ethynylene fluorophores with N-phenylcarbazole core. Sensors and Actuators B: Chemical, 2013, 178, 296-301. | 7.8 | 5 |
| 34 | Tunable star-shaped triphenylamine fluorophores for fluorescence quenching detection and identification of nitro-aromatic explosives. Chemical Communications, 2013, 49, 780-782. | 4.1 | 85 |
| 35 | Highly sensitive salicylic fluorophore for visual detection of picomole amounts of Cu2+. RSC Advances, 2013, 3, 25215. | 3.6 | 17 |
| 36 | 1,3,5-Triphenylbenzene fluorophore as a selective Cu<sup>2+</sup>sensor in aqueous media. Chemical Communications, 2012, 48, 293-295. | 4.1 | 95 |

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|---|---|---|---|
| 37 | FRET detection of DNA sequence via electrostatic interaction of polycationic phenyleneethynylene dendrimer with DNA/PNA hybrid. Talanta, 2012, 88, 593-598. | 5.5 | 17 |
| 38 | Water-soluble anionic fluorophores from truxene. Dyes and Pigments, 2012, 93, 1428-1433. | 3.7 | 16 |
| 39 | Dipyrenylcarbazole Derivatives for Blue Organic Lightâ€Emitting Diodes. Chemistry - an Asian Journal, 2010, 5, 2162-2167. | 3.3 | 34 |
| 40 | Protein discrimination by fluorescent sensor array constituted of variously charged dendritic phenyleneâ€“ethynylene fluorophores. Biosensors and Bioelectronics, 2010, 26, 863-867. | 10.1 | 46 |
| 41 | A Polyanionic Dendritic Fluorophore for Selective Detection of Hg<sup>2+</sup> in Triton X-100 Aqueous Media. Organic Letters, 2009, 11, 2768-2771. | 4.6 | 54 |
| 42 | 2,3-Diaryl-1,1,4,4-tetracyanobutadienes as colorimetric sensors for hydrogen sulfide ion in aqueous media. Synlett, 0, 0, . | 1.8 | 0 |