

Mao-Sen Yuan

List of Publications by Year in descending order

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47
papers

1,449
citations

331670

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37
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all docs

47
docs citations

47
times ranked

2064
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-biological fluorescent chemosensors for pesticides detection. <i>Talanta</i> , 2022, 240, 123200.	5.5	35
2	Tricolor fluorescence switching in the three crystal polymorphs of tetraphenylethylene modified fluorenone AIEgen. <i>Materials Chemistry Frontiers</i> , 2022, 6, 613-622.	5.9	14
3	Di-(2-picoyl)amine functionalized tetraphenylethylene as multifunctional chemosensor. <i>Analytica Chimica Acta</i> , 2022, 1196, 339543.	5.4	5
4	A highly selective and sensitive CdS fluorescent quantum dot for the simultaneous detection of multiple pesticides. <i>Analyst</i> , The, 2022, 147, 3258-3265.	3.5	9
5	Employing a fluorescent and colorimetric picoyl-functionalized rhodamine for the detection of glyphosate pesticide. <i>Talanta</i> , 2021, 224, 121834.	5.5	57
6	One-step prepared nano-in-micro microcapsule delivery vehicle with sequential burst"sustained drug release for the targeted treatment of inflammatory bowel disease. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6027-6040.	5.9	12
7	AIE-based donor"acceptor"donor fluorenone compound as multi-functional luminescence materials. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7508-7517.	5.9	4
8	Photophysical properties and stimuli-responsive crystal-state luminescence switching of morpholine-modified naphthalic anhydride derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 256, 119720.	3.9	3
9	Organic Crystal Growth: Directly from Amorphous Solid Powder to Single Crystals. <i>Chemistry - an Asian Journal</i> , 2021, 16, 4067-4071.	3.3	1
10	Carboxyl hydrogel particle film as a local pH buffer for voltammetric determination of luteolin and baicalein. <i>Talanta</i> , 2020, 208, 120373.	5.5	20
11	An "OR-AND"logic gate based multifunctional colorimetric sensor for the discrimination of Pb ²⁺ and Cd ²⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 232, 118163.	3.9	18
12	A fluorescein-based AND-logic FPSi probe for the simultaneous detection of Hg ²⁺ and F ⁻ . <i>Talanta</i> , 2019, 202, 323-328.	5.5	10
13	A benzothiazole-rhodol based luminophor: ESIPT-induced AIE and an application for detecting Fe ²⁺ ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 220, 117114.	3.9	35
14	Tri-(2-picoyl)amine-modificated triarylborane: Synthesis, photophysical properties and distinguish for cyanide and fluoride anions in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 218, 119-126.	3.9	6
15	Tricolor Luminescence Switching by Thermal and Mechanical Stimuli in the Crystal Polymorphs of Pyridyl"substituted Fluorene. <i>Chemistry - an Asian Journal</i> , 2019, 14, 216-222.	3.3	20
16	Colorimetric hydrazine detection and fluorescent hydrogen peroxide imaging by using a multifunctional chemical probe. <i>Analytica Chimica Acta</i> , 2019, 1052, 137-144.	5.4	32
17	Two ratiometric fluorescent probes for hypochlorous acid detection and imaging in living cells. <i>Talanta</i> , 2018, 186, 65-72.	5.5	23
18	Polydiacetylene liposomes with phenylboronic acid tags: a fluorescence turn-on sensor for sialic acid detection and cell-surface glycan imaging. <i>Nanoscale</i> , 2018, 10, 4570-4578.	5.6	81

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19	Di-(2-picoly)l-N-(2-quinolinylmethyl)amine-Functionalized Triarylboron: Lewis Acidity Enhancement and Fluorogenic Discrimination Between Fluoride and Cyanide in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2018, 24, 9211-9216.	3.3	21
20	2-Hydroxy benzothiazole modified rhodol: aggregation-induced emission and dual-channel fluorescence sensing of Hg ²⁺ and Ag ⁺ ions. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2086-2094.	7.8	64
21	Frontispiece: Di-(2-picoly)l-N-(2-quinolinylmethyl)amine-Functionalized Triarylboron: Lewis Acidity Enhancement and Fluorogenic Discrimination Between Fluoride and Cyanide in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
22	Benzothiazole modified rhodol as chemodosimeter for the detection of sulfur mustard simulant. <i>Talanta</i> , 2018, 189, 39-44.	5.5	27
23	A perpendicular phenyl-induced exceedingly efficient solid-state excited state intramolecular proton transfer fluorophore based on 2-(2-hydroxyphenyl)benzothiazole. <i>Dyes and Pigments</i> , 2017, 142, 365-370.	3.7	16
24	Exceedingly Large Stokes Shift Induced by Low-Barrier Hydrogen-Bond-Assisted Internal Charge Transfer. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 794-797.	2.7	2
25	Mercaptomethylphenyl-modified tetraphenylethene as a multifunctional luminophor: stimuli-responsive luminescence color switching and AIE-active chemodosimeter for sulfur mustard simulants. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11565-11572.	5.5	26
26	Spiral microchannel with ordered micro-obstacles for continuous and highly-efficient particle separation. <i>Lab on A Chip</i> , 2017, 17, 3578-3591.	6.0	88
27	o-Methylphenyl modified tetraphenylethene: Crystalline-induced luminous blue-shift and stimuli-responsive luminescence color switching. <i>Journal of Luminescence</i> , 2017, 192, 925-931.	3.1	5
28	Branched truxene and triindole compounds and their solid-state luminescent enhancement. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 164, 33-39.	3.9	6
29	Fabrication of Polydiacetylene Liposome Chemosensor with Enhanced Fluorescent Self-Amplification and Its Application for Selective Detection of Cationic Surfactants. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28231-28240.	8.0	42
30	Symmetric and unsymmetric thienyl-substituted fluorenone dyes: static excimer-induced emission enhancement. <i>RSC Advances</i> , 2016, 6, 76401-76408.	3.6	6
31	Reversible luminescence color switching in the crystal polymorphs of 2,7-bis(2-methyl-[1,1'-biphenyl]-4-yl)-fluorenone by thermal and mechanical stimuli. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8724-8730.	5.5	40
32	A dual functional probe: sensitive fluorescence response to H ₂ S and colorimetric detection for SO ₃ ²⁻ . <i>RSC Advances</i> , 2016, 6, 85529-85537.	3.6	15
33	Excited State Intramolecular Proton Transfer in Ethynyl-Extended Regioisomers of 2-(2-Hydroxyphenyl)benzothiazole: Effects of the Position and Electronic Nature of Substituent Groups. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3454-3464.	3.3	32
34	Structure, property and mechanism study of fluorenone-based AIE dyes. <i>Dyes and Pigments</i> , 2016, 129, 121-128.	3.7	28
35	Aggregation-induced bathochromic fluorescent enhancement for fluorenone dyes. <i>Dyes and Pigments</i> , 2015, 123, 355-362.	3.7	24
36	Polydiacetylene liposome-encapsulated alginate hydrogel beads for Pb ²⁺ detection with enhanced sensitivity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21690-21698.	10.3	58

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37	Asymmetric multibranching conjugated molecules: Synthesis, structure and photophysical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 63-68.	3.9	3
38	Fluorenone Organic Crystals: Two-Color Luminescence Switching and Reversible Phase Transformations between π - π Stacking-Directed Packing and Hydrogen Bond-Directed Packing. <i>Chemistry of Materials</i> , 2014, 26, 2467-2477.	6.7	207
39	Triarylborane-terminalized branched π -conjugative dyes: Synthesis, structure and optoelectronic properties. <i>Dyes and Pigments</i> , 2014, 107, 60-68.	3.7	8
40	Truxene-cored π -expanded triarylborane dyes as single- and two-photon fluorescent probes for fluoride. <i>Analyst</i> , 2014, 139, 1541-1549.	3.5	41
41	Adamantyl-terminated dendronized molecules: synthesis and interaction with β -cyclodextrin-functionalized poly(dimethylsiloxane) interface. <i>New Journal of Chemistry</i> , 2013, 37, 2358.	2.8	4
42	Thiophene-functionalized octupolar triindoles: Synthesis and photophysical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 1020-1024.	3.9	7
43	Symmetrical and asymmetrical (multi)branched truxene compounds: Structure and photophysical properties. <i>Dyes and Pigments</i> , 2012, 95, 236-243.	3.7	15
44	Synthesis and photophysical properties of three (multi)branched planar molecules. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1112-1115.	3.9	11
45	Switching High Two-Photon Efficiency: From 3,8,13-Substituted Triindole Derivatives to Their 2,7,12-Isomers. <i>Organic Letters</i> , 2010, 12, 5192-5195.	4.6	101
46	Donor-and-Acceptor Substituted Truxenes as Multifunctional Fluorescent Probes. <i>Journal of Organic Chemistry</i> , 2007, 72, 7915-7922.	3.2	118
47	Acceptor or Donor (Diaryl B or N) Substituted Octupolar Truxene: π - π Stacking-Enhanced Fluorescence. <i>Journal of Organic Chemistry</i> , 2006, 71, 7858-7861.	3.2	49