Mao-Sen Yuan

List of Publications by Year
in descending order

47	1,449	331670	330143
papers	citations	21 h-index	37 g-index

47	47	47	2064
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fluorenone Organic Crystals: Two-Color Luminescence Switching and Reversible Phase Transformations between Ï€â€“Ï€ Stacking-Directed Packing and Hydrogen Bond-Directed Packing. Chemistry of Materials, 2014, 26, 2467-2477.	6.7	207
2	Donor-and-Acceptor Substituted Truxenes as Multifunctional Fluorescent Probes. Journal of Organic Chemistry, 2007, 72, 7915-7922.	3.2	118
3	Switching High Two-Photon Efficiency: From 3,8,13-Substituted Triindole Derivatives to Their 2,7,12-Isomers. Organic Letters, 2010, 12, 5192-5195.	4.6	101
4	Spiral microchannel with ordered micro-obstacles for continuous and highly-efficient particle separation. Lab on A Chip, 2017, 17, 3578-3591.	6.0	88
5	Polydiacetylene liposomes with phenylboronic acid tags: a fluorescence turn-on sensor for sialic acid detection and cell-surface glycan imaging. Nanoscale, 2018, 10, 4570-4578.	5.6	81
6	2-Hydroxy benzothiazole modified rhodol: aggregation-induced emission and dual-channel fluorescence sensing of Hg2+ and Ag+ ions. Sensors and Actuators B: Chemical, 2018, 255, 2086-2094.	7.8	64
7	Polydiacetylene liposome-encapsulated alginate hydrogel beads for Pb²⁺detection with enhanced sensitivity. Journal of Materials Chemistry A, 2015, 3, 21690-21698.	10.3	58
8	Employing a fluorescent and colorimetric picolyl-functionalized rhodamine for the detection of glyphosate pesticide. Talanta, 2021, 224, 121834.	5.5	57
9	Acceptor or Donor (Diaryl B or N) Substituted Octupolar Truxene:Â Synthesis, Structure, and Charge-Transfer-Enhanced Fluorescence. Journal of Organic Chemistry, 2006, 71, 7858-7861.	3.2	49
10	Fabrication of Polydiacetylene Liposome Chemosensor with Enhanced Fluorescent Self-Amplification and Its Application for Selective Detection of Cationic Surfactants. ACS Applied Materials & Interfaces, 2016, 8, 28231-28240.	8.0	42
11	Truxene-cored Ï€-expanded triarylborane dyes as single- and two-photon fluorescent probes for fluoride. Analyst, The, 2014, 139, 1541-1549.	3.5	41
12	Reversible luminescence color switching in the crystal polymorphs of 2,7-bis(2â€²-methyl-[1,1â€²-biphenyl]-4-yl)-fluorenone by thermal and mechanical stimuli. Journal of Materials Chemistry C, 2016, 4, 8724-8730.	5.5	40
13	A benzothiazole-rhodol based luminophor: ESIPT-induced AIE and an application for detecting Fe2+ ion. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 220, 117114.	3.9	35
14	Non-biological fluorescent chemosensors for pesticides detection. Talanta, 2022, 240, 123200.	5.5	35
15	Excited State Intramolecular Proton Transfer in Ethynylâ€Extended Regioisomers of 2â€(2â€²â€Hydroxyphenyl)benzothiazole: Effects of the Position and Electronic Nature of Substituent Groups. Chemistry - an Asian Journal, 2016, 11, 3454-3464.	3.3	32
16	Colorimetric hydrazine detection and fluorescent hydrogen peroxide imaging by using a multifunctional chemical probe. Analytica Chimica Acta, 2019, 1052, 137-144.	5.4	32
17	Structure, property and mechanism study of fluorenone-based AIE dyes. Dyes and Pigments, 2016, 129, 121-128.	3.7	28
18	Benzothiazole modified rhodol as chemodosimeter for the detection of sulfur mustard simulant. Talanta, 2018, 189, 39-44.	5.5	27

#	Article	IF	Citations
19	Mercaptomethylphenyl-modified tetraphenylethene as a multifunctional luminophor: stimuli-responsive luminescence color switching and AIE-active chemdosimeter for sulfur mustard simulants. Journal of Materials Chemistry C, 2017, 5, 11565-11572.	5.5	26
20	Aggregation-induced bathochromic fluorescent enhancement for fluorenone dyes. Dyes and Pigments, 2015, 123, 355-362.	3.7	24
21	Two ratiometric fluorescent probes for hypochlorous acid detection and imaging in living cells. Talanta, 2018, 186, 65-72.	5.5	23
22	Diâ€(2â€picolyl)â€‹Nâ€‹(2â€quinolinylmethyl)amineâ€Functionalized Triarylboron: Lewis Acidity Enhancement and Fluorogenic Discrimination Between Fluoride and Cyanide in Aqueous Solution. Chemistry - A European Journal, 2018, 24, 9211-9216.	3.3	21
23	Tricolor Luminescence Switching by Thermal and Mechanical Stimuli in the Crystal Polymorphs of Pyridylâ€substituted Fluorene. Chemistry - an Asian Journal, 2019, 14, 216-222.	3.3	20
24	Carboxyl hydrogel particle film as a local pH buffer for voltammetric determination of luteolin and baicalein. Talanta, 2020, 208, 120373.	5.5	20
25	An â€œOR-ANDâ€-logic gate based multifunctional colorimetric sensor for the discrimination of Pb2+ and Cd2+. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 232, 118163.	3.9	18
26	A perpendicular phenyl-induced exceedingly efficient solid-state excited state intramolecular proton transfer fluorophore based on 2-(2-hydroxyphenyl)benzothiazole. Dyes and Pigments, 2017, 142, 365-370.	3.7	16
27	Symmetrical and asymmetrical (multi)branched truxene compounds: Structure and photophysical properties. Dyes and Pigments, 2012, 95, 236-243.	3.7	15
28	A dual functional probe: sensitive fluorescence response to H2S and colorimetric detection for SO32â˜. RSC Advances, 2016, 6, 85529-85537.	3.6	15
29	Tricolor fluorescence switching in the three crystal polymorphs of tetraphenylethylene modified fluorenone AIEgen. Materials Chemistry Frontiers, 2022, 6, 613-622.	5.9	14
30	One-step prepared nano-in-micro microcapsule delivery vehicle with sequential burstâ€“sustained drug release for the targeted treatment of inflammatory bowel disease. Materials Chemistry Frontiers, 2021, 5, 6027-6040.	5.9	12
31	Synthesis and photophysical properties of three (multi)branched planar molecules. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 1112-1115.	3.9	11
32	A fluorescein-based AND-logic FPSi probe for the simultaneous detection of Hg2+ and Fâ˜. Talanta, 2019, 202, 323-328.	5.5	10
33	A highly selective and sensitive CdS fluorescent quantum dot for the simultaneous detection of multiple pesticides. Analyst, The, 2022, 147, 3258-3265.	3.5	9
34	Triarylborane-terminalized branched Ï€-conjugative dyes: Synthesis, structure and optoelectronic properties. Dyes and Pigments, 2014, 107, 60-68.	3.7	8
35	Thiophene-functionalized octupolar triindoles: Synthesis and photophysical properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 1020-1024.	3.9	7
36	Branched truxene and triindole compounds and their solid-state luminescent enhancement. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 164, 33-39.	3.9	6

#	Article	IF	Citations
37	Symmetric and unsymmetric thienyl-substituted fluorenone dyes: static excimer-induced emission enhancement. RSC Advances, 2016, 6, 76401-76408.	3.6	6
38	Tri-(2-picolyl)amine-modificated triarylborane: Synthesis, photophysical properties and distinguish for cyanide and fluoride anions in aqueous solution. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 218, 119-126.	3.9	6
39	o-Methylphenyl modified tetraphenylethene: Crystalline-induced luminous blue-shift and stimuli-responsive luminescence color switching. Journal of Luminescence, 2017, 192, 925-931.	3.1	5
40	Di-(2-picolyl)amine functionalized tetraphenylethylene as multifunctional chemosensor. Analytica Chimica Acta, 2022, 1196, 339543.	5.4	5
41	Adamantyl-terminated dendronized molecules: synthesis and interaction with Î²-cyclodextrin-functionalized poly(dimethylsiloxane) interface. New Journal of Chemistry, 2013, 37, 2358.	2.8	4
42	AIE-based donorâ€“acceptorâ€“donor fluorenone compound as multi-functional luminescence materials. Materials Chemistry Frontiers, 2021, 5, 7508-7517.	5.9	4
43	Asymmetric multibranched conjugated molecules: Synthesis, structure and photophysical properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 135, 63-68.	3.9	3
44	Photophysical properties and stimuli-responsive crystal-state luminescence switching of morpholine-modified naphthalic anhydride derivative. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 256, 119720.	3.9	3
45	Exceedingly Large Stokes Shift Induced by Lowâ€Barrier Hâ€Bondâ€Assisted Internal Charge Transfer. Asian Journal of Organic Chemistry, 2017, 6, 794-797.	2.7	2
46	Organic Crystal Growth: Directly from Amorphous Solid Powder to Single Crystals. Chemistry - an Asian Journal, 2021, 16, 4067-4071.	3.3	1
47	Frontispiece: Di-(2-picolyl)-N- (2-quinolinylmethyl)amine-Functionalized Triarylboron: Lewis Acidity Enhancement and Fluorogenic Discrimination Between Fluoride and Cyanide in Aqueous Solution. Chemistry - A European Journal, 2018, 24, .	3.3	0