

Hai-Jun Xu

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.

76
papers

1,183
citations

17
h-index

31
g-index

85
ext. papers

1,474
ext. citations

4.6
avg, IF

4.55
L-index

#	Paper	IF	Citations
76	Two asymmetrical perylene diimide derivatives: Synthesis, optical-electrochemical properties and morphologies of self-assembly. <i>Journal of Solid State Chemistry</i> , 2022 , 305, 122665	3.3	3
75	New 1,4-divinylbenzene conjugated truxene dyes possessing D- π D structure: Synthesis, linear photophysics and two-photon absorption. <i>Journal of Luminescence</i> , 2022 , 242, 118579	3.8	0
74	A novel water-soluble flavonol-based fluorescent probe for highly specific and sensitive detection of Al ³⁺ and its application in Onion and zebrafish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 121384	4.4	0
73	Synthesis, photophysical properties and two-photon absorption of benzothiazole/benzoxazole π -expanded carbazole dyes. <i>Dyes and Pigments</i> , 2022 , 204, 110447	4.6	0
72	Aza-BODIPY molecular assembly at the liquid-solid interface driven by Br π FBF interactions. <i>Chinese Chemical Letters</i> , 2021 , 32, 3566-3566	8.1	1
71	One-dimensional La(III) coordination polymer displaying multi-responsive luminescence activities towards Fe ³⁺ , acetone and benzothiazoles. <i>Journal of Solid State Chemistry</i> , 2021 , 296, 121952	3.3	3
70	Two-Dimensional Molecular Network Built from Hierarchy Self-Assembly of Perylene Bisimide Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 17129-17138	9.5	6
69	Insight Into the Superlubricity and Self-Assembly of Liquid Crystals. <i>Frontiers in Chemistry</i> , 2021 , 9, 668794	9.4	1
68	Thiophene donor for NIR-II fluorescence imaging-guided photothermal/photodynamic/chemo combination therapy. <i>Acta Biomaterialia</i> , 2021 , 127, 287-297	10.8	2
67	Influence of functional groups on the self-assembly of liquid crystals. <i>Chinese Chemical Letters</i> , 2021 , 32, 1149-1152	8.1	3
66	A novel dual-responsive fluorescent probe for the detection of copper(II) and nickel(II) based on BODIPY derivatives. <i>Inorganica Chimica Acta</i> , 2021 , 516, 120099	2.7	10
65	Red/NIR neutral BODIPY-based fluorescent probes for lighting up mitochondria. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 248, 119199	4.4	7
64	C ₂ symmetric borneol-porphyrin hybrids: Synthesis, characterization, electronic structure and their anti-cancer behaviors. <i>Dyes and Pigments</i> , 2021 , 184, 108837	4.6	0
63	Near-Infrared-II Nanoparticles for Cancer Imaging of Immune Checkpoint Programmed Death-Ligand 1 and Photodynamic/Immune Therapy. <i>ACS Nano</i> , 2021 , 15, 515-525	16.7	31
62	meso-borneol- and meso-carbazole-substituted porphyrins: multifunctional chromophores with tunable electronic structures and antitumor activities. <i>New Journal of Chemistry</i> , 2021 , 45, 2141-2146	3.6	3
61	Synthesis, spectroscopic characterization and one and two-photon absorption properties of π -expanded thiophene and truxene BODIPYs dyes. <i>Dyes and Pigments</i> , 2021 , 192, 109418	4.6	5
60	High-efficiency fullerene free ternary organic solar cells based with two small molecules as donor. <i>Optical Materials</i> , 2021 , 118, 111217	3.3	1

59	New BODIPY derivatives with triarylamine and truxene substituents as donors for organic bulk heterojunction photovoltaic cells. <i>Solar Energy</i> , 2021 , 227, 354-364	6.8	5
58	Borneol-triarylcorrole hybrids with chiral-optical response and anticancer behaviours. <i>Dyes and Pigments</i> , 2021 , 195, 109699	4.6	0
57	Photoinduced energy transfer in truxene-linked zinc porphyrin fullerene-corrole tetrad and its application in triplet-triplet annihilation upconversion. <i>Dyes and Pigments</i> , 2021 , 196, 109754	4.6	1
56	Carbazole-based green and blue-BODIPY dyads and triads as donors for bulk heterojunction organic solar cells. <i>Dalton Transactions</i> , 2020 , 49, 5606-5617	4.3	20
55	Superlubricity of Fullerene Derivatives Induced by Host-Guest Assembly. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 18924-18933	9.5	12
54	Solvent-Dependent Core-Modified Rubyrin Self-Assembly at Liquid/Solid Interfaces. <i>Langmuir</i> , 2020 , 36, 3879-3886	4	8
53	Dual-responsive luminescent sensors based on two Cd-MOFs: rare enhancement toward acac and quenching toward Cr2O7 ²⁻ . <i>CrystEngComm</i> , 2020 , 22, 3759-3767	3.3	28
52	A nopinone based multi-functional probe for colorimetric detection of Cu and ratiometric detection of Ag. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 49-55	4.2	8
51	A novel nopinone-based fluorescent probe for colorimetric and ratiometric detection of hypochlorite and its applications in water samples and living cells. <i>Analyst</i> , 2020 , 145, 1033-1040	5	10
50	Synthesis, spectroscopic characterization, one and two-photon absorption properties and electrochemistry of expanded BODIPYs dyes. <i>Dyes and Pigments</i> , 2020 , 175, 108173	4.6	13
49	Synthesis, spectroscopic characterization, one and two-photon absorption properties, and electrochemistry of truxene expanded BODIPYs dyes. <i>Dyes and Pigments</i> , 2020 , 176, 108183	4.6	14
48	Solvent-Dependent Self-Assemblies and Pyridine Modulation of a Porphyrin Molecule at Liquid/Solid Interfaces. <i>Langmuir</i> , 2020 , 36, 9810-9817	4	10
47	Truxene-bridged Bodipy fullerene tetrads without precious metals: study of the energy transfer and application in triplet-triplet annihilation upconversion. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 15839-15851	7.1	5
46	Truxene-BODIPY dyads and triads: Synthesis, spectroscopic characterization, one and two-photon absorption properties and electrochemistry. <i>Dyes and Pigments</i> , 2020 , 179, 108380	4.6	15
45	Assembly structures and electronic properties of truxene-porphyrin compounds studied by STM/STS. <i>Dalton Transactions</i> , 2019 , 48, 8693-8701	4.3	5
44	Co(II)Tetraphenyltetraphenanthroporphyrin@MWCNTs: enhanced interaction for robust electrochemical catalysis. <i>New Journal of Chemistry</i> , 2019 , 43, 10631-10636	3.6	1
43	Tuning the photo-physical properties of BODIPY dyes: Effects of 1, 3, 5, 7- substitution on their optical and electrochemical behaviours. <i>Dyes and Pigments</i> , 2019 , 168, 166-174	4.6	34
42	Highly active catalysts: Double-shelled hollow nanospheres with tiny Pt NPs. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4858	3.1	1

41	A simple camphor based AIE fluorescent probe for highly specific and sensitive detection of hydrazine and its application in living cells. <i>Analytical Methods</i> , 2019 , 11, 3958-3965	3.2	12
40	A novel nopinone-based colorimetric and ratiometric fluorescent probe for detection of bisulfite and its application in food and living cells. <i>Dyes and Pigments</i> , 2019 , 171, 107702	4.6	32
39	Synthesis and properties of chiral amide-bonded porphyrin dimers with various functional bridging blocks. <i>Dyes and Pigments</i> , 2019 , 171, 107740	4.6	6
38	Bodipy-corrole dyad with truxene bridge: Photophysical Properties and Application in Triplet-Triplet Annihilation upconversion. <i>Dyes and Pigments</i> , 2019 , 171, 107756	4.6	14
37	Dffbnbffl-type of selectively pH-sensing 8-hydroxyquinoline-substituted gallium(III) corrole. <i>New Journal of Chemistry</i> , 2019 , 43, 18012-18017	3.6	11
36	A highly specific and sensitive turn-on fluorescence probe for hypochlorite detection based on anthracene fluorophore and its bioimaging applications. <i>Dyes and Pigments</i> , 2019 , 161, 172-181	4.6	27
35	Three novel camphor-based fluorescence probes for ratiometric detection of hypochlorite and bio-imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2019 , 284, 148-158	8.5	23
34	A novel isolongifolanone based fluorescent probe with super selectivity and sensitivity for hypochlorite and its application in bio-imaging. <i>Analytica Chimica Acta</i> , 2019 , 1051, 169-178	6.6	27
33	BODIPY derivatives bearing borneol moieties: Enhancing cell membrane permeability for living cell imaging. <i>Dyes and Pigments</i> , 2019 , 164, 105-111	4.6	16
32	Synthesis of flexible nanotweezers with various metals and their application in carbon nanotube extraction. <i>New Journal of Chemistry</i> , 2018 , 42, 7592-7594	3.6	1
31	High anticancer potency on tumor cells of dehydroabietylamine Schiff-base derivatives and a copper(II) complex. <i>European Journal of Medicinal Chemistry</i> , 2018 , 146, 451-459	6.8	40
30	Quercetin-coated Fe ₃ O ₄ nanoparticle sensors based on low-field NMR for determination and removal of Pb ²⁺ and Cu ²⁺ in biological samples. <i>Analytical Methods</i> , 2018 , 10, 2494-2502	3.2	15
29	Two D-EA type fluorescent probes based on isolongifolanone for sensing acidic pH with large Stokes shifts. <i>Tetrahedron</i> , 2018 , 74, 3030-3037	2.4	11
28	Two-Photon Absorption Properties and Structures of BODIPY and Its Dyad, Triad and Tetrad. <i>ChemPlusChem</i> , 2018 , 83, 838-844	2.8	11
27	Simultaneous consumption of cellobiose and xylose by to circumvent glucose repression and identification of its cellobiose-assimilating operons. <i>Biotechnology for Biofuels</i> , 2018 , 11, 320	7.8	6
26	Core-modified rubeans with phenanthrene-fused pyrrole rings: Highly selective and tunable response to Hg ²⁺ ions. <i>Dyes and Pigments</i> , 2018 , 158, 188-194	4.6	5
25	Efficient energy transfer in a tri-chromophoric dyad containing BODIPYs and corrole based on a truxene platform. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 777-783	1.8	12
24	Excited State N-H Tautomer Selectivity in the Singlet Energy Transfer of a Zinc(II)-Porphyrin-Truxene-Corrole Assembly. <i>Chemistry - A European Journal</i> , 2017 , 23, 5010-5022	4.8	12

23	Isolongifolanone-based molecular fluorescence marker for imaging endogenous Zn ²⁺ in vivo. <i>Tetrahedron</i> , 2017 , 73, 5912-5919	2.4	11
22	A novel hexahydroquinazolin-2-amine-based fluorescence sensor for Cu ²⁺ from isolongifolanone and its biological applications. <i>RSC Advances</i> , 2017 , 7, 33263-33272	3.7	17
21	Efficient energy transfer in ethynyl bridged corrole-BODIPY dyads. <i>RSC Advances</i> , 2016 , 6, 72852-72858	3.7	11
20	Photoisomerization and optical properties of a subphthalocyanine-zobenzene-subphthalocyanine triad. <i>RSC Advances</i> , 2016 , 6, 71199-71205	3.7	6
19	Fluorescence staining of salicylaldehyde azine, and applications in the determination of potassium tert-butoxide. <i>RSC Advances</i> , 2016 , 6, 30636-30641	3.7	6
18	Synthesis, optical properties, and cellular imaging of novel quinazolin-2-amine nopinone derivatives. <i>Dyes and Pigments</i> , 2016 , 128, 75-83	4.6	17
17	Electrochemical and Spectroelectrochemical Properties of Free-Base Pyridyl- and N-Alkyl-4-Pyridylporphyrins in Nonaqueous Media. <i>ChemElectroChem</i> , 2016 , 3, 110-121	4.3	8
16	Very fast singlet and triplet energy transfers in a tri-chromophoric porphyrin dyad aided by the truxene platform. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 427-441	1.8	5
15	Synthesis, Characterization, and Crystal Structure of a Phenanthroindolizine Skeleton from 18-Acetamino-7-Oxo-Dehydroabietane by Vilsmeier-Haack Reaction. <i>Chemistry of Natural Compounds</i> , 2015 , 51, 306-310	0.7	4
14	Synthesis, structure, and luminescence of a coordination polymer from fumaropimaric acid and a water cluster. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 1238-1250	1.6	1
13	Antenna effects in truxene-bridged BODIPY triarylzinc(II)porphyrin dyads: evidence for a dual Dexter-Förster mechanism. <i>Dalton Transactions</i> , 2014 , 43, 8219-29	4.3	41
12	Origin of the temperature dependence of the rate of singlet energy transfer in a three-component truxene-bridged dyads. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 94-106	1.8	10
11	Solvent dependent supramolecular self-assembly and surface reversal of a modified porphyrin. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 12510-5	3.6	23
10	Cell-specific and pH-activatable rubryrin-loaded nanoparticles for highly selective near-infrared photodynamic therapy against cancer. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18850-8	16.4	337
9	Shape-persistent poly-porphyrins assembled by a central truxene: synthesis, structure, and singlet energy transfer behaviors. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 44-55	1.8	16
8	Synthesis and properties of fused-ring-expanded porphyrins that were core-modified with Group 16 heteroatoms. <i>Chemistry - A European Journal</i> , 2012 , 18, 16844-67	4.8	31
7	meso-Aryl phenanthroporphyrins: synthesis and spectroscopic properties. <i>Chemistry - A European Journal</i> , 2011 , 17, 8965-83	4.8	34
6	Synthesis, crystal structure and magnetic susceptibility of a novel binuclear complex: [Cu ₂ (phen) ₂ (4,4'-dpy) ₃ (OH) ₂][NO ₃] ₅ ·5H ₂ O. <i>Journal of Coordination Chemistry</i> , 2005 , 58, 1139-1144	1.6	4

5	{[Zn ₂ (Bim) ₃ (OH)(H ₂ O)] _n [DMF(H ₂ O) ₃] _n }A Two Dimensional Coordination Polymer with Layer Silicate-like Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1349-1351	1.3	11
4	[CoII CuI ₂ (Im) ₄] _n ;A Layered Bimetallic Imidazolate Polymer, the First Hybridized Cobalt(II) Imidazolate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 1371-1373	1.3	6
3	[CuI(im)] _n Is this Air-Stable Copper(I) Imidazolate (8210)-Net Polymer the Species Responsible for the Corrosion-Inhibiting Properties of Imidazole with Copper Metal?. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 1813-1816	2.3	29
2	Truxene Expanded BODIPY Star-Shaped Molecules as Acceptors for Non-Fullerene Solar Cells with over 13% Efficiency. <i>ACS Applied Energy Materials</i> ,	6.1	4
1	Monolayer cobalt(II)phthalocyanine functionalized gold electrode for enhanced electrocatalyzed oxygen reductions. <i>Journal of Coordination Chemistry</i> ,1-11	1.6	