Ni Zhong-Hai

List of Publications by Year
in descending order

50	815	394421	526287
papers	citations	19 h-index	27 g-index

51	51	51	1029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new AIE and TICT-active tetraphenylethene-based thiazole compound: Synthesis, structure, photophysical properties and application for water detection in organic solvents. Sensors and Actuators B: Chemical, 2018, 267, 448-456.	7.8	82
2	Reaction of Di(1-naphthyl)methane over Metals and Metalâ˜Sulfur Systems. Energy & Fuels, 2003, 17, 652-657.	5.1	48
3	A new TICT and AIE-active tetraphenylethene-based Schiff base with reversible piezofluorochromism. RSC Advances, 2016, 6, 68178-68184.	3.6	45
4	Multifunctional AIE-ESIPT dual mechanism tetraphenylethene-based Schiff base for inkless rewritable paper and a colorimetric/fluorescent dual-channel Zn²⁺ sensor. Materials Chemistry Frontiers, 2021, 5, 347-354.	5.9	43
5	A new tetraphenylethene-based Schiff base: two crystalline polymorphs exhibiting totally different photochromic and fluorescence properties. Journal of Materials Chemistry C, 2019, 7, 7053-7060.	5.5	41
6	A new near-infrared ratiometric fluorescent probe for hydrazine. RSC Advances, 2017, 7, 25634-25639.	3.6	39
7	Tetraphenylethene-substituted benzothiadiazoles: AIE and TICT properties, tunable intramolecular conjugation and application in detecting trace water in organic solvents. Dyes and Pigments, 2020, 174, 108051.	3.7	38
8	Reversible photochromic tetraphenylethene-based Schiff base: Design, synthesis, crystal structure and applications as visible light driven rewritable paper and UV sensor. Dyes and Pigments, 2019, 167, 143-150.	3.7	34
9	Nanomolar colorimetric quantitative detection of Fe3+ and PPi with high selectivity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 159, 249-253.	3.9	31
10	Anisotropic Change in the Magnetic Susceptibility of a Dynamic Single Crystal of a Cobalt(II) Complex. Angewandte Chemie - International Edition, 2017, 56, 717-721.	13.8	30
11	A new series of N -substituted tetraphenylethene-based benzimidazoles: Aggregation-induced emission, fast-reversible mechanochromism and blue electroluminescence. Dyes and Pigments, 2018, 148, 276-285.	3.7	26
12	Multi-stimuli-responsive tetraphenylethene-based thiazole compound: Time-dependently enhanced blue-shift emission, reversible acidichromism and mechanochromism. Dyes and Pigments, 2020, 173, 107938.	3.7	26
13	N, S and P-ternary doped carbon nano-pore/tube composites derived from natural chemicals in waste sweet osmanthus fruit with superior activity for oxygen reduction in acidic and alkaline media. RSC Advances, 2016, 6, 37500-37505.	3.6	25
14	Water-stimuli-responsive dynamic fluorescent switch from Kasha's rule to anti-Kasha's rule based on a tetraphenylethene substituted Schiff base. Chemical Engineering Journal, 2021, 405, 127000.	12.7	22
15	A novel 1,8-naphthalimide-based Cu2+ ion fluorescent probe and its bioimaging application. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 261, 120037.	3.9	22
16	Field-Induced Slow Magnetic Relaxation in an Octacoordinated Fe(II) Complex with Pseudo-D_{2d} Symmetry: Magnetic, HF-EPR, and Theoretical Investigations. Inorganic Chemistry, 2017, 56, 8018-8025.	4.0	20
17	An efficient hemicyanine dyes-based ratiometric fluorescence probe for sulfur dioxide derivatives in live-cells and seawater. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119128.	3.9	20
18	Substituent group tuned tri- and binuclear porphyrin-based cyanide-bridged bimetallic complexes: synthesis, crystal structures and magnetic properties. CrystEngComm, 2013, 15, 2504.	2.6	19

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19	A series of tetraphenylethene-based benzimidazoles: syntheses, structures, aggregation-induced emission and reversible mechanochromism. RSC Advances, 2016, 6, 79871-79878.	3.6	19
20	A highly sensitive, fast responsive and reversible naphthalimide-based fluorescent probe for hypochlorous acid and ascorbic acid in aqueous solution and living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119138.	3.9	16
21	An o-hydroxyl aldehyde structure based naphthalimide derivative: Reversible photochromic properties and its application in ClOâ¯ detection in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 219, 154-163.	3.9	14
22	Colorimetric and fluorescent detection of hydrazine with high sensitivity and excellent selectivity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 188, 208-212.	3.9	13
23	Design, syntheses and aggregation-induced emission properties of two new enlarged tetraarylethene-based luminogens. Tetrahedron Letters, 2016, 57, 1917-1920.	1.4	12
24	A visible light excitable â€œonâ€“offâ€•and â€œgreenâ€“redâ€•fluorescent chemodosimeter for Ni2+/Pb2+. New Journal of Chemistry, 2012, 36, 2176.	2.8	11
25	Enzymatic-catalyzed polymerization of water-soluble electrically conductive polymer PEDOT:PSS. Polymers for Advanced Technologies, 2014, 25, 896-899.	3.2	11
26	A new series of pyrenyl-based triarylamines: syntheses, structures, optical properties, electrochemistry and electroluminescence. RSC Advances, 2016, 6, 9037-9048.	3.6	11
27	Syntheses and crystal structures of four cyanide-bridged trinuclear iron(III)â€“copper(II)â€“iron(III) complexes exhibiting abnormal antiferromagnetic coupling. Transition Metal Chemistry, 2015, 40, 437-444.	1.4	9
28	A series of trinuclear sandwich-like cyanide-bridged iron(III)-manganese(II) complexes: synthesis, crystal structures, and magnetic properties. Transition Metal Chemistry, 2011, 36, 539-544.	1.4	7
29	Syntheses, crystal structures and magnetic properties of three cyanide-bridged iron(III)â€“manganese(II) binuclear complexes based on dicyanideferrite(III) building blocks. Transition Metal Chemistry, 2012, 37, 469-474.	1.4	7
30	Controllable synthesis of Cu₂O hierarchical nanoclusters with high photocatalytic activity. RSC Advances, 2014, 4, 42892-42898.	3.6	7
31	Enzyme-Catalyzed Synthesis of Water-Soluble Conjugated Poly[2-(3-thienyl)-Ethoxy-4-Butylsulfonate]. Polymers, 2016, 8, 139.	4.5	7
32	Synthesis, crystal structure, and magnetism of a two-dimensional copper(II) complex with single end-to-end and double end-on azide bridges. Journal of Coordination Chemistry, 2012, 65, 2972-2980.	2.2	6
33	A series of 4,5,9,10-tetrahydropyrene-based tetraarylethenes: synthesis, structures and solid-state emission behavior. RSC Advances, 2018, 8, 15173-15180.	3.6	6
34	Covalent modification of black phosphorus with alkoxy groups to improve the solubility and ambient stability. Nanoscale, 2021, 13, 14847-14853.	5.6	6
35	Two Cyanide-Bridged Heterometallic One-Dimensional Chain Complexes Constructed by Hydrogen Bond Interactions: Synthesis, Crystal Structures, and Magnetic Properties. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 1288-1292.	0.6	5
36	Photoelectrochemical performance and biosensor application for glutathione (GSH) of W-doped BiVO4 thin films. Journal of Materials Science: Materials in Electronics, 2018, 29, 10109-10116.	2.2	5

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37	Syntheses, Structures and Magnetic Properties of Dinuclear Cobalt(II) Complexes [Co2(TPEA)2(DHBQ)](ClO4)2 and [Co2(TPEA)2(DHBQ)](PF6)2. Journal of Chemical Crystallography, 2013, 43, 331-334.	1.1	4
38	Convenient synthesis of 1-thiohydroxypyrene by Newman-Kwart rearrangement. Chemical Research in Chinese Universities, 2015, 31, 224-227.	2.6	4
39	Crystal structure and optical properties of 1,6-bis(methylthio)pyrene, C₁₈H₁₄S₂. Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 929-931.	0.3	4
40	A New Cyanide-Bridged CrIIIâ€“MnIII One-Dimensional Coordination Polymer with Pyridine Carboxamide Ligand. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 1028-1031.	3.7	3
41	Crystal structure of 1,3,6,8-tetrakis(p-tolylthio)pyrene, C₄₄H₃₄S₄. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 255-257.	0.3	3
42	Crystal structure and photochemical property of 1,8-bis(p-tolylthio)pyrene, C₃₀H₂₂S₂. Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 275-278.	0.3	3
43	A tetragonal polymorph of bis[hydrotris(pyrazol-1-yl)borato]iron(II). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1033-m1033.	0.2	2
44	Syntheses, crystal structures, and magnetic properties of a series of double end-on azido-bridged dinuclear manganese(II) complexes. Transition Metal Chemistry, 2014, 39, 527-534.	1.4	2
45	Two double end-on cyanato-bridged dinuclear manganese(II) complexes exhibiting abnormal magnetic coupling for the Mn(II)â€“Nâ€“Mn(II) linkage. Transition Metal Chemistry, 2015, 40, 749-754.	1.4	2
46	Synthesis, crystal structure and magnetic properties of a new cyanide-bridged two-dimensional chromium(I)-cobalt(II) ferromagnet based on pentacyanonitrosylchromate(I). Transition Metal Chemistry, 2017, 42, 435-441.	1.4	2
47	Synthesis, crystal structure and optical property of 1,6-bis(p-tolylthio)pyrene, C30H22S2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, 236, 21-23.	0.3	2
48	Crystal structure of 1-ferrocenyl-6-bromopyrene, C26H17BrFe. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 1071-1072.	0.3	0
49	Crystal structure of tris(cyano-(hydrogen tris(3,5-dimethylpyrazolyl)borate))-iron(III) 4-methoxypyridinium monohydrate, C₂₄H₃₂BN₁₀O₂Fe. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 885-887.	0.3	0
50	Crystal structure of 1,1-di(4-cyanophenyl)-2,2-diphenylethene, C₂₈H₁₈N₂. Zeitschrift Fur Kristallographie - New Crystal Structures, 2018, 233, 727-729.	0.3	0