

# Ni Zhong-Hai

## List of Publications by Year in descending order

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50  
papers

815  
citations

394421

19  
h-index

526287

27  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1029  
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly sensitive, fast responsive and reversible naphthalimide-based fluorescent probe for hypochlorous acid and ascorbic acid in aqueous solution and living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119138.	3.9	16
2	Water-stimuli-responsive dynamic fluorescent switch from Kasha's rule to anti-Kasha's rule based on a tetraphenylethene substituted Schiff base. <i>Chemical Engineering Journal</i> , 2021, 405, 127000.	12.7	22
3	Multifunctional AIE-ESIPT dual mechanism tetraphenylethene-based Schiff base for inkless rewritable paper and a colorimetric/fluorescent dual-channel Zn <sup>2+</sup> sensor. <i>Materials Chemistry Frontiers</i> , 2021, 5, 347-354.	5.9	43
4	An efficient hemicyanine dyes-based ratiometric fluorescence probe for sulfur dioxide derivatives in live-cells and seawater. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119128.	3.9	20
5	A novel 1,8-naphthalimide-based Cu <sup>2+</sup> ion fluorescent probe and its bioimaging application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120037.	3.9	22
6	Covalent modification of black phosphorus with alkoxy groups to improve the solubility and ambient stability. <i>Nanoscale</i> , 2021, 13, 14847-14853.	5.6	6
7	Synthesis, crystal structure and optical property of 1,6-bis(p-tolylthio)pyrene, C <sub>30</sub> H <sub>22</sub> S <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2021, 236, 21-23.	0.3	2
8	Multi-stimuli-responsive tetraphenylethene-based thiazole compound: Time-dependently enhanced blue-shift emission, reversible acidochromism and mechanochromism. <i>Dyes and Pigments</i> , 2020, 173, 107938.	3.7	26
9	Tetraphenylethene-substituted benzothiadiazoles: AIE and TICT properties, tunable intramolecular conjugation and application in detecting trace water in organic solvents. <i>Dyes and Pigments</i> , 2020, 174, 108051.	3.7	38
10	A new tetraphenylethene-based Schiff base: two crystalline polymorphs exhibiting totally different photochromic and fluorescence properties. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7053-7060.	5.5	41
11	An o-hydroxyl aldehyde structure based naphthalimide derivative: Reversible photochromic properties and its application in ClO <sup>-</sup> detection in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 154-163.	3.9	14
12	Reversible photochromic tetraphenylethene-based Schiff base: Design, synthesis, crystal structure and applications as visible light driven rewritable paper and UV sensor. <i>Dyes and Pigments</i> , 2019, 167, 143-150.	3.7	34
13	Crystal structure and optical properties of 1,6-bis(methylthio)pyrene, C <sub>18</sub> H <sub>14</sub> S <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 234, 929-931.	0.3	4
14	Crystal structure and photochemical property of 1,8-bis(p-tolylthio)pyrene, C <sub>30</sub> H <sub>22</sub> S <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 234, 275-278.	0.3	3
15	Photoelectrochemical performance and biosensor application for glutathione (GSH) of W-doped BiVO <sub>4</sub> thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 10109-10116.	2.2	5
16	A new AIE and TICT-active tetraphenylethene-based thiazole compound: Synthesis, structure, photophysical properties and application for water detection in organic solvents. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 448-456.	7.8	82
17	A series of 4,5,9,10-tetrahydropyrene-based tetraarylethenes: synthesis, structures and solid-state emission behavior. <i>RSC Advances</i> , 2018, 8, 15173-15180.	3.6	6
18	Colorimetric and fluorescent detection of hydrazine with high sensitivity and excellent selectivity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 208-212.	3.9	13

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19	A new series of N -substituted tetraphenylethene-based benzimidazoles: Aggregation-induced emission, fast-reversible mechanochromism and blue electroluminescence. <i>Dyes and Pigments</i> , 2018, 148, 276-285.	3.7	26
20	Crystal structure of 1,1-di(4-cyanophenyl)-2,2-diphenylethene, C <sub>28</sub> H <sub>18</sub> N <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 727-729.	0.3	0
21	A new near-infrared ratiometric fluorescent probe for hydrazine. <i>RSC Advances</i> , 2017, 7, 25634-25639.	3.6	39
22	Synthesis, crystal structure and magnetic properties of a new cyanide-bridged two-dimensional chromium(I)-cobalt(II) ferromagnet based on pentacyanonitrosylchromate(I). <i>Transition Metal Chemistry</i> , 2017, 42, 435-441.	1.4	2
23	Anisotropic Change in the Magnetic Susceptibility of a Dynamic Single Crystal of a Cobalt(II) Complex. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 717-721.	13.8	30
24	Field-Induced Slow Magnetic Relaxation in an Octacoordinated Fe(II) Complex with Pseudo-D <sub>2d</sub> Symmetry: Magnetic, HF-EPR, and Theoretical Investigations. <i>Inorganic Chemistry</i> , 2017, 56, 8018-8025.	4.0	20
25	Crystal structure of tris(cyano-(hydrogen tris(3,5-dimethylpyrazolyl)borate))-iron(III) 4-methoxypyridinium monohydrate, C <sub>24</sub> H <sub>32</sub> BN <sub>10</sub> O <sub>2</sub> Fe. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 885-887.	0.3	0
26	Enzyme-Catalyzed Synthesis of Water-Soluble Conjugated Poly[2-(3-thienyl)-Ethoxy-4-Butylsulfonate]. <i>Polymers</i> , 2016, 8, 139.	4.5	7
27	Crystal structure of 1-ferrocenyl-6-bromopyrene, C <sub>26</sub> H <sub>17</sub> BrFe. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 1071-1072.	0.3	0
28	Design, syntheses and aggregation-induced emission properties of two new enlarged tetraarylethene-based luminogens. <i>Tetrahedron Letters</i> , 2016, 57, 1917-1920.	1.4	12
29	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. <i>RSC Advances</i> , 2016, 6, 37500-37505.	3.6	25
30	A series of tetraphenylethene-based benzimidazoles: syntheses, structures, aggregation-induced emission and reversible mechanochromism. <i>RSC Advances</i> , 2016, 6, 79871-79878.	3.6	19
31	A new TICT and AIE-active tetraphenylethene-based Schiff base with reversible piezofluorochromism. <i>RSC Advances</i> , 2016, 6, 68178-68184.	3.6	45
32	Crystal structure of 1,3,6,8-tetrakis( <i>p</i> -tolylthio)pyrene, C <sub>44</sub> H <sub>34</sub> S <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 255-257.	0.3	3
33	A new series of pyrenyl-based triaryl amines: syntheses, structures, optical properties, electrochemistry and electroluminescence. <i>RSC Advances</i> , 2016, 6, 9037-9048.	3.6	11
34	Nanomolar colorimetric quantitative detection of Fe <sup>3+</sup> and PPI with high selectivity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 159, 249-253.	3.9	31
35	Convenient synthesis of 1-thiohydroxypyrene by Newman-Kwart rearrangement. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 224-227.	2.6	4
36	Syntheses and crystal structures of four cyanide-bridged trinuclear iron(III)–copper(II)–iron(III) complexes exhibiting abnormal antiferromagnetic coupling. <i>Transition Metal Chemistry</i> , 2015, 40, 437-444.	1.4	9

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37	Two double end-on cyanato-bridged dinuclear manganese(II) complexes exhibiting abnormal magnetic coupling for the Mn(II)–Mn(II) linkage. <i>Transition Metal Chemistry</i> , 2015, 40, 749-754.	1.4	2
38	Enzymatic-catalyzed polymerization of water-soluble electrically conductive polymer PEDOT:PSS. <i>Polymers for Advanced Technologies</i> , 2014, 25, 896-899.	3.2	11
39	Controllable synthesis of Cu <sub>2</sub> O hierarchical nanoclusters with high photocatalytic activity. <i>RSC Advances</i> , 2014, 4, 42892-42898.	3.6	7
40	Syntheses, crystal structures, and magnetic properties of a series of double end-on azido-bridged dinuclear manganese(II) complexes. <i>Transition Metal Chemistry</i> , 2014, 39, 527-534.	1.4	2
41	Syntheses, Structures and Magnetic Properties of Dinuclear Cobalt(II) Complexes [Co <sub>2</sub> (TPEA) <sub>2</sub> (DHBQ)](ClO <sub>4</sub> ) <sub>2</sub> and [Co <sub>2</sub> (TPEA) <sub>2</sub> (DHBQ)](PF <sub>6</sub> ) <sub>2</sub> . <i>Journal of Chemical Crystallography</i> , 2013, 43, 331-334.	1.1	4
42	A New Cyanide-Bridged Cr(III)–Mn(III) One-Dimensional Coordination Polymer with Pyridine Carboxamide Ligand. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 1028-1031.	3.7	3
43	Substituent group tuned tri- and binuclear porphyrin-based cyanide-bridged bimetallic complexes: synthesis, crystal structures and magnetic properties. <i>CrystEngComm</i> , 2013, 15, 2504.	2.6	19
44	Synthesis, crystal structure, and magnetism of a two-dimensional copper(II) complex with single end-to-end and double end-on azide bridges. <i>Journal of Coordination Chemistry</i> , 2012, 65, 2972-2980.	2.2	6
45	A visible light excitable "off" and "green" red fluorescent chemodosimeter for Ni <sup>2+</sup> /Pb <sup>2+</sup> . <i>New Journal of Chemistry</i> , 2012, 36, 2176.	2.8	11
46	Syntheses, crystal structures and magnetic properties of three cyanide-bridged iron(III)–manganese(II) binuclear complexes based on dicyanideferrite(III) building blocks. <i>Transition Metal Chemistry</i> , 2012, 37, 469-474.	1.4	7
47	A series of trinuclear sandwich-like cyanide-bridged iron(III)-manganese(II) complexes: synthesis, crystal structures, and magnetic properties. <i>Transition Metal Chemistry</i> , 2011, 36, 539-544.	1.4	7
48	A tetragonal polymorph of bis[hydrotris(pyrazol-1-yl)borato]iron(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1033-m1033.	0.2	2
49	Two Cyanide-Bridged Heterometallic One-Dimensional Chain Complexes Constructed by Hydrogen Bond Interactions: Synthesis, Crystal Structures, and Magnetic Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 1288-1292.	0.6	5
50	Reaction of Di(1-naphthyl)methane over Metals and Metal–Sulfur Systems. <i>Energy &amp; Fuels</i> , 2003, 17, 652-657.	5.1	48