

Xiaoping Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	One high-nuclearity Yb(III) nanoring with NIR luminescent sensing towards antibiotics and explosives. <i>Journal of Luminescence</i> , 2022, 241, 118494.	3.1	5
2	Regulatable Detection of Antibiotics Based on a Near-IR-Luminescent Tubelike Zn(II)@Yb(III) Nanocluster. <i>Inorganic Chemistry</i> , 2022, 61, 1011-1017.	4.0	6
3	Construction of a luminescent square-like Cd ₆ Eu ₂ nanocluster for the quantitative detection of 2,6-dipicolinic acid as an anthrax biomarker. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3510-3516.	5.5	11
4	A high-nuclearity Cd(ⁱⁱ)@Nd(ⁱⁱⁱ) nanocage for the rapid ratiometric fluorescent detection of quercetin. <i>CrystEngComm</i> , 2022, 24, 4534-4539.	2.6	2
5	Construction of a Cd ₈ Tb ₄ nanoring for luminescence response to 2,6-dipicolinic acid as an anthrax biomarker. <i>CrystEngComm</i> , 2022, 24, 4361-4365.	2.6	1
6	Rapid and Reliable Excitation Wavelength-Dependent Detection of 2,6-Dipicolinic Acid Based on a Luminescent Cd(II)@Tb(III) Nanocluster. <i>Inorganic Chemistry</i> , 2022, 61, 8484-8489.	4.0	10
7	A NIR luminescent @tetra-decker@Nd(III) salen nanocluster for rapid ratiometric fluorescence detection of quercetin. <i>Journal of Luminescence</i> , 2022, 250, 119067.	3.1	0
8	Construction of a nano-rectangular Zn-Nd complex with near-infrared luminescent response towards metal ions. <i>Chinese Chemical Letters</i> , 2021, 32, 569-572.	9.0	6
9	Construction of two lanthanide schiff base complexes: Chiral @triple-decker@structure and NIR luminescent response towards anions. <i>Journal of Luminescence</i> , 2021, 229, 117679.	3.1	10
10	One high-nuclearity Eu ₁₈ nanoring with rapid ratiometric fluorescence response to dipicolinic acid (an anthrax biomarker). <i>Chemical Communications</i> , 2021, 57, 7316-7319.	4.1	8
11	Construction of a high-nuclearity Nd(ⁱⁱⁱ) nanoring for the NIR luminescent detection of antibiotics. <i>Dalton Transactions</i> , 2021, 50, 5865-5870.	3.3	2
12	Ratiometric fluorescent detection of dipicolinic acid as an anthrax biomarker based on a high-nuclearity Yb ₁₈ nanoring. <i>Dalton Transactions</i> , 2021, 50, 13528-13532.	3.3	5
13	Visible luminescent Ln ₄₂ nanotorus coordination clusters. <i>Journal of Coordination Chemistry</i> , 2021, 74, 92-101.	2.2	1
14	Construction of a nanoscale Yb(III) Schiff base complex with NIR luminescence response to anions and nitro explosives. <i>Journal of Luminescence</i> , 2021, 231, 117807.	3.1	2
15	Construction of Zn(II)/Cd(II)@Yb(III) Schiff Base Complexes for the NIR Luminescent Sensing of Fluoroquinolone Antibiotics. <i>Inorganic Chemistry</i> , 2021, 60, 5764-5770.	4.0	17
16	High-Nuclearity Cd(II)@Nd(III) Nanowheel with NIR Emission Sensing of Metal Cations and Nitro-Based Explosives. <i>Crystal Growth and Design</i> , 2021, 21, 2821-2827.	3.0	9
17	Construction of an Octanuclear Zn(II)@Yb(III) Schiff Base Complex for the NIR Luminescent Sensing of Nitrofurantoin Antibiotics. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2083-2087.	4.9	4
18	Triangular Cd(II)@Sm(III) Schiff Base Complex with Dual Visible and Near-Infrared Luminescent Responses to Nitro Explosives. <i>Journal of Physical Chemistry A</i> , 2021, 125, 251-257.	2.5	5

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19	NIR luminescent detection of quercetin based on an octanuclear Zn(II)-Nd(III) salen nanocluster. <i>RSC Advances</i> , 2021, 11, 35893-35897.	3.6	1
20	Construction of NIR luminescent nanoscale lanthanide complexes with new flexible Schiff base ligands. <i>Journal of Rare Earths</i> , 2020, 38, 143-147.	4.8	4
21	Construction of a 1-D Sm(III) coordination polymer with a long-chain Schiff base ligand: dual-emissive response to metal ions. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 464-469.	6.0	3
22	A 42-metal Yb(III) nanowheel with NIR luminescent response to anions. <i>Nanoscale</i> , 2020, 12, 1384-1388.	5.6	29
23	Construction of a Nano-rectangular Zn(II)-Yb(III) Complex with Near-Infrared Luminescent Response towards Metal Ions. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1585-1588.	4.9	5
24	One High-Nuclearity Cd(II)-Yb(III) Nanoring with Near-IR Luminescent Sensing to Antibiotics. <i>Inorganic Chemistry</i> , 2020, 59, 16809-16813.	4.0	10
25	One Nanoscale Zn(II)-Nd(III) Complex With Schiff Base Ligand: NIR Luminescent Sensing of Anions and Nitro Explosives. <i>Frontiers in Chemistry</i> , 2020, 8, 536907.	3.6	2
26	Construction of a 18-Metal Neodymium(III) Nanoring with NIR Luminescent Sensing to Antibiotics. <i>Inorganic Chemistry</i> , 2020, 59, 17608-17613.	4.0	12
27	Construction of a High-Nuclearity Elliptical Yb(III) Nanoring: NIR Luminescent Response to Metal Ions and Nitro Explosives. <i>Inorganic Chemistry</i> , 2020, 59, 14620-14626.	4.0	11
28	Construction of 14-metal lanthanide nanorings with NIR luminescence response to ions. <i>Chemical Communications</i> , 2020, 56, 8651-8654.	4.1	16
29	Construction of Chiral Triple-Decker Nd(III) Nanocluster with High NIR Luminescence Sensitivity toward Co(II). <i>Inorganic Chemistry</i> , 2020, 59, 8652-8656.	4.0	8
30	Cation sensing by luminescent high-nuclearity Zn-Eu Schiff base nanoscale complexes: high sensitivity to Ag ⁺ and Cd ²⁺ ions at the ppm level. <i>Dalton Transactions</i> , 2019, 48, 2206-2212.	3.3	27
31	NIR luminescence for the detection of metal ions and nitro explosives based on a grape-like nine-nuclear Nd(III) nanocluster. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 550-555.	6.0	20
32	Metal cation sensing by a NIR luminescent high-nuclearity Zn-Yb schiff base nanocluster. <i>Journal of Luminescence</i> , 2019, 213, 440-445.	3.1	6
33	Construction of a Large High-Nuclearity Cd-Sm Schiff Base Cluster with Nanoscale Inner Cavity as Luminescent Probe for Metal Cations. <i>Crystal Growth and Design</i> , 2019, 19, 2149-2154.	3.0	20
34	Anion Dependent Self-Assembly of Polynuclear Cd-Ln Schiff Base Nanoclusters: NIR Luminescent Sensing of Nitro Explosives. <i>Frontiers in Chemistry</i> , 2019, 7, 139.	3.6	3
35	Self-assembly of one visible and NIR luminescent Sm(III) coordination polymer with flexible Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2019, 490, 24-28.	2.4	7
36	Construction of luminescent tetranuclear Ni-Ln (Ln = Eu and Yb) Schiff base nanoclusters. <i>Polyhedron</i> , 2019, 164, 108-112.	2.2	12

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37	Large Ln ₄₂ coordination nanorings: NIR luminescence sensing of metal ions and nitro explosives. <i>Chemical Communications</i> , 2019, 55, 13116-13119.	4.1	44
38	Self-assembly of luminescent 42-metal lanthanide nanowheels with sensing properties towards metal ions and nitro explosives. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13425-13431.	5.5	23
39	Construction of a crystalline 14-metal Zn ^{II} Nd rectangular nanocluster with a dual-emissive response towards metal ions. <i>RSC Advances</i> , 2019, 9, 40017-40022.	3.6	4
40	Anion dependent self-assembly of drum-like 30- and 32-metal Cd ^{II} Ln nanoclusters: visible and NIR luminescent sensing of metal cations. <i>Journal of Materials Chemistry C</i> , 2018, 6, 865-874.	5.5	61
41	A self-assembling luminescent lanthanide molecular nanoparticle with potential for live cell imaging. <i>Chemical Science</i> , 2018, 9, 4630-4637.	7.4	26
42	Self-assembly of luminescent Zn ^{II} Ln (Ln = Sm and Nd) nanoclusters with a long-chain Schiff base ligand. <i>New Journal of Chemistry</i> , 2018, 42, 7241-7246.	2.8	9
43	Construction of luminescent high-nuclearity Zn ^{II} Ln rectangular nanoclusters with flexible long-chain Schiff base ligands. <i>Dalton Transactions</i> , 2018, 47, 53-57.	3.3	21
44	Luminescent Electropolymerizable Ruthenium Complexes and Corresponding Conducting Metallopolymers. <i>Macromolecules</i> , 2018, 51, 8217-8228.	4.8	8
45	Construction of NIR luminescent polynuclear lanthanide-based nanoclusters with sensing properties towards metal ions. <i>Dalton Transactions</i> , 2018, 47, 13880-13886.	3.3	14
46	Luminescent Polynuclear Zn- and Cd-Ln Square-Like Nanoclusters With a Flexible Long-Chain Schiff Base Ligand. <i>Frontiers in Chemistry</i> , 2018, 6, 321.	3.6	2
47	Self-assembly of luminescent 12-metal Zn ^{II} Ln planar nanoclusters with sensing properties towards nitro explosives. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8513-8521.	5.5	56
48	Anion dependent self-assembly of sandwich 13-metal Ni ^{II} Ln nanoclusters with a long-chain Schiff base ligand. <i>Dalton Transactions</i> , 2017, 46, 1748-1752.	3.3	11
49	Synthesis, crystal structures and NIR luminescence properties of binuclear lanthanide Schiff Base complexes. <i>Inorganic Chemistry Communication</i> , 2017, 85, 52-55.	3.9	7
50	Enhancement of the luminescence properties of high-nuclearity Cd ^{II} Ln (Ln = Eu and Nd) nanoclusters by the introduction of more energy transfer donors. <i>Nanoscale</i> , 2017, 9, 517-521.	5.6	9
51	Anisotropic lanthanide-based nano-clusters for imaging applications. <i>Faraday Discussions</i> , 2016, 191, 465-479.	3.2	7
52	Self-assembly of high-nuclearity lanthanide-based nanoclusters for potential bioimaging applications. <i>Nanoscale</i> , 2016, 8, 11123-11129.	5.6	14
53	Construction and Luminescence Properties of 4f and d-4f Clusters with Salen-Type Schiff Base Ligands. <i>Structure and Bonding</i> , 2016, , 155-187.	1.0	5
54	First NIR luminescent polymeric high-nuclearity Cd ^{II} Ln nanoclusters from a long-chain Schiff base ligand. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1589-1593.	5.5	10

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55	Self-assembly of NIR luminescent 30-metal drum-like and 12-metal rectangular d ^{4f} nanoclusters with long-chain Schiff base ligands. <i>Chemical Communications</i> , 2014, 50, 15569-15572.	4.1	34
56	Luminescent 4f and d-4f polynuclear complexes and coordination polymers with flexible salen-type ligands. <i>Coordination Chemistry Reviews</i> , 2014, 273-274, 63-75.	18.8	157
57	Anion dependent self-assembly of 56-metal Cd ^{4f} Ln nanoclusters with enhanced near-infrared luminescence properties. <i>Nanoscale</i> , 2014, 6, 10569-10573.	5.6	24
58	Anion dependent self-assembly of a linear hexanuclear Yb(iii) salen complex with enhanced near-infrared (NIR) luminescence properties. <i>Chemical Communications</i> , 2013, 49, 9579.	4.1	25
59	Anion dependent self-assembly of luminescent Zn ^{4f} Ln (Eu and Tb) salen complexes. <i>Polyhedron</i> , 2013, 52, 165-169.	2.2	28
60	A pyrrole-based triazolium-phane with NH and cationic CH donor groups as a receptor for tetrahedral oxyanions that functions in polar media. <i>Chemical Science</i> , 2013, 4, 1560.	7.4	85
61	Anion-Dependent Self-Assembly of Near-Infrared Luminescent 24- and 32-Metal Cd ^{4f} Ln Complexes with Drum-like Architectures. <i>Journal of the American Chemical Society</i> , 2013, 135, 8468-8471.	13.7	134
62	Self-Assembly of Luminescent Hexanuclear Lanthanide Salen Complexes. <i>Crystal Growth and Design</i> , 2012, 12, 970-974.	3.0	71
63	Anion-dependent construction of two hexanuclear 3d ^{4f} complexes with a flexible Schiff base ligand. <i>Dalton Transactions</i> , 2012, 41, 11449.	3.3	64
64	Influence of metal ^{4f} ligand ratio on benzimidazole based luminescent lanthanide complexes: 3-D network structures and chloride anion binding. <i>New Journal of Chemistry</i> , 2011, 35, 310-318.	2.8	26
65	Construction of 1-D 4f and 3d ^{4f} coordination polymers with flexible Schiff base ligands. <i>Dalton Transactions</i> , 2011, 40, 9795.	3.3	45
66	Design and Synthesis of Near-Infrared Emissive Lanthanide Complexes Based on Macrocyclic Ligands. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4651-4674.	2.0	80
67	Synthesis and Crystal Structure of a New Heterotrinnuclear Schiff-Base Zn ^{4f} Gd Complex. <i>Journal of Chemical Crystallography</i> , 2010, 40, 1060-1064.	1.1	10
68	Synthesis, X-ray crystal structure and photophysical properties of tris(dibenzoylmethanido)(1,10-phenanthroline)samarium(III). <i>Polyhedron</i> , 2010, 29, 2511-2515.	2.2	45
69	Acetylido and triazolato complexes from Ru(II) azides. <i>Main Group Chemistry</i> , 2010, 9, 41-56.	0.8	6
70	A Pyrrolyl-Based Triazolophane: A Macrocyclic Receptor With CH and NH Donor Groups That Exhibits a Preference for Pyrophosphate Anions. <i>Journal of the American Chemical Society</i> , 2010, 132, 14058-14060.	13.7	128
71	Transformation of a Luminescent Benzimidazole-Based Yb ₃ Cluster into a One-Dimensional Coordination Polymer. <i>Crystal Growth and Design</i> , 2010, 10, 970-976.	3.0	26
72	Europium Complexes of a Novel Ethylenedioxythiophene-Derivatized Bis(pyrazolyl)pyridine Ligand Exhibiting Efficient Lanthanide Sensitization. <i>Inorganic Chemistry</i> , 2010, 49, 2035-2037.	4.0	59

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73	Metal-Controlled Assembly of Near-Infrared-Emitting Pentanuclear Lanthanide β^2 -Diketone Clusters. <i>Inorganic Chemistry</i> , 2010, 49, 2583-2585.	4.0	66
74	Syntheses, structures, and photoluminescence of 1-D lanthanide coordination polymers. <i>Dalton Transactions</i> , 2009, , 10505.	3.3	46
75	Synthesis and structures of luminescent ladder-like lanthanide coordination polymers of 4-hydroxybenzenesulfonate. <i>New Journal of Chemistry</i> , 2008, 32, 790.	2.8	20
76	Anion dependant self-assembly and the first X-ray structure of a neutral homoleptic lanthanide salen complex Tb4(salen)6. <i>Chemical Communications</i> , 2008, , 3266.	4.1	60
77	Pentanuclear tetra-decker luminescent lanthanide Schiff base complexes. <i>Dalton Transactions</i> , 2008, , 1676.	3.3	73
78	Photoluminescent Europium-Containing Inner Sphere Conducting Metallopolymer. <i>Journal of the American Chemical Society</i> , 2008, 130, 1546-1547.	13.7	120
79	Synthesis of an Octanuclear Eu(III) Cage from Eu42+ and Chloride Anion Encapsulation, Luminescence, and Reversible MeOH Adsorption via a Porous Supramolecular Architecture. <i>Inorganic Chemistry</i> , 2007, 46, 7050-7054.	4.0	53
80	Reversible guest molecule encapsulation in the 3-D framework of a heteropolynuclear luminescent Zn4Eu2 cage complex. <i>Chemical Communications</i> , 2006, , 3827.	4.1	46
81	Multinuclear Luminescent Schiff-Base Zn ^{II} -Nd Sandwich Complexes. <i>Inorganic Chemistry</i> , 2006, 45, 4340-4345.	4.0	139
82	Heterobimetallic Zn(II)-Ln(III) Phenylene-Bridged Schiff Base Complexes, Computational Studies, and Evidence for Singlet Energy Transfer as the Main Pathway in the Sensitization of Near-Infrared Nd ³⁺ Luminescence. <i>Inorganic Chemistry</i> , 2006, 45, 9315-9325.	4.0	155
83	New Complexes of Lanthanides with Unusual Main Group Ligands. <i>ACS Symposium Series</i> , 2005, , 221-236.	0.5	1
84	Anion Dependent Self-Assembly of Tetra-Decker and Triple-Decker Luminescent Tb(III) Salen Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 7686-7687.	13.7	192
85	Synthesis and near infrared luminescence of a tetrametallic Zn2Yb2 architecture from a trinuclear Zn3L2 Schiff base complex. <i>Dalton Transactions</i> , 2005, , 849.	3.3	95
86	A nanoscale slipped sandwich of Tb10-stabilization of a benzaldehyde methyl hemiacetyl. <i>Dalton Transactions</i> , 2004, , 1787.	3.3	29