

En-Jun Gao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Zn-based metal-organic framework for the irreversible determination of trace biomarkers of styrene and ethylbenzene in urine. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6468.	3.5	3
2	Two Cu(II) and Zn(II) complexes derived from 5-(Pyrazol-1-yl)nicotinic acid: Crystal structure, DNA binding and anticancer studies. <i>Journal of Solid State Chemistry</i> , 2022, 305, 122707.	2.9	10
3	A luminescent sensor based on a Cd ²⁺ complex for the detection of nitrofurantoin antibiotics in aqueous solution. <i>Inorganic Chemistry Communication</i> , 2022, 138, 109220.	3.9	9
4	A novel Zn metal organic framework for the detection of o-nitrophenol, m-nitrophenol, p-nitrophenol. <i>Inorganic Chemistry Communication</i> , 2022, 143, 109724.	3.9	6
5	A terbium-based coordination polymer for sensitive ratiometric fluorescence detection of lamotrigine. <i>Journal of Luminescence</i> , 2022, 251, 119129.	3.1	6
6	Luminescent sensors based on coordination polymers with adjustable emissions for detecting biomarker of pollutant ethylbenzene and styrene. <i>Applied Organometallic Chemistry</i> , 2021, 35, .	3.5	9
7	Highly Emissive Metal-Organic Frameworks for Sensitive and Selective Detection of Nitrofurantoin and Quinolone Antibiotics. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1773-1779.	3.3	34
8	Crystal structure, DNA binding, cytotoxicity and anticancer ability of Zn(II) complex constructed by 2-(1,2,4-triazol-1-yl)-isonicotinic acid. <i>Inorganic Chemistry Communication</i> , 2021, 128, 108571.	3.9	5
9	A water-stable luminescent sensor based on Cd ²⁺ coordination polymer for detecting nitroimidazole antibiotics in water. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6359.	3.5	12
10	High-efficiency fluorescent probe constructed by Cd(II) complex for detecting nitro compounds and antibiotics. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6414.	3.5	5
11	Three novel spiral chain Nd (III) Eu (III) Sm (III) complexes bridged by 1,1'-(1,4-phenylene)bis [methylene]bis (pyridine-3-carboxylic acid): Synthesis, structural characterization, and antitumor activity. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6427.	3.5	2
12	Two new lanthanide complexes with 5-(Pyrazol-1-yl)nicotinic acid: Structures and their anti-cancer properties. <i>Journal of Inorganic Biochemistry</i> , 2021, 222, 111505.	3.5	5
13	A new dysprosium (III)-Organic framework as a ratiometric luminescent sensor for Nitro-compounds and antibiotics in aqueous solutions. <i>Inorganic Chemistry Communication</i> , 2021, 133, 108952.	3.9	5
14	Synthesis, DNA binding, apoptosis and molecular docking of a Mn(II) complex constructed by 2-(1,2,4-Triazol-1-yl)-4-picolinic acid. <i>Inorganic Chemistry Communication</i> , 2021, 133, 108946.	3.9	0
15	A self-calibrating sensor toward fluorescence turn-on detection of DMSO and nicosulfuron. <i>Inorganica Chimica Acta</i> , 2021, 527, 120592.	2.4	4
16	A lanthanide metal-organic framework as ratio fluorescence probe to detect pesticides in water. <i>Inorganica Chimica Acta</i> , 2021, 528, 120632.	2.4	8
17	Controllable self-assembly from homonuclear Mn (II)-MOF to heteronuclear Mn (II)-K(I)-MOF by alkali-regulation: A novel mode of structural and luminescent regulation for off-on sensing ascorbic acid. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6160.	3.5	0
18	Bifunctional luminescent Eu metal-organic framework for sensing nitroaromatic pollutants and Fe ³⁺ ion with high sensitivity and selectivity. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6136.	3.5	9

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19	A Water-stable Tb(III) Metal-Organic Framework with Multiple Fluorescent Centers for Efficient Self-Calibration Sensing Pesticides. <i>ChemistrySelect</i> , 2021, 6, 10481-10488.	1.5	7
20	Logic operation for differentiation and speciation of Fe ³⁺ and Fe ²⁺ based on two-dimensional metal-organic frameworks with tunable emissions. <i>Applied Organometallic Chemistry</i> , 2021, 35, .	3.5	5
21	Three novel metal-organic frameworks with different coordination modes for trace detection of anthrax biomarkers. <i>Dalton Transactions</i> , 2021, 51, 250-256.	3.3	21
22	Two wheel-shaped Pr(III) and Er(III) complexes with long flexible ligand: Crystal structure, fluorescence and anticancer studies. <i>Inorganic Chemistry Communication</i> , 2020, 122, 108270.	3.9	5
23	Synthesis, characterization, DNA binding, cytotoxicity and molecular docking properties of three novel butterfly-like complexes with nitrogen-containing heterocyclic ligands. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5655.	3.5	4
24	Three coordination polymers with regulated coordination interactions as fluorescent sensors for monitoring purine metabolite uric acid. <i>Dalton Transactions</i> , 2020, 49, 4343-4351.	3.3	14
25	Water-stable Lanthanide Coordination Polymers with Triple Luminescent Centers for Tunable Emission and Efficient Self-Calibration Sensing Wastewater Pollutants. <i>Advanced Optical Materials</i> , 2020, 8, 1901659.	7.3	27
26	A Water-stable Lanthanide Coordination Polymer as Multicenter Platform for Ratiometric Luminescent Sensing Antibiotics. <i>Chemistry - A European Journal</i> , 2020, 26, 3137-3144.	3.3	72
27	A Recyclable bifunctional Luminescent Zinc (II) metal-organic framework as highly selective and sensitive sensing probe for nitroaromatic explosives and Fe ³⁺ ions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5109.	3.5	12
28	Isomeric Effect on the anticancer Behavior of two Zinc (II) complexes based on 3,5-bis(1-imidazolyl)pyridine: Experimental and Theoretical Approach. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4897.	3.5	3
29	Three water soluble coordination polymers: Synthesis, crystal structure and luminescent sensing for Cr(VI) and MnO ₄ ²⁻ ions in the aqueous phase. <i>Polyhedron</i> , 2019, 166, 60-64.	2.2	13
30	Synthesis, characterization, DNA binding and anticancer ability of a Yb (III) complex constructed by 1,4-bis(pyrazol-1-yl)terephthalic acid. <i>Inorganic Chemistry Communication</i> , 2019, 100, 6-10.	3.9	11
31	Two Mn ^{II} , Cu ^{II} complexes derived from 3,5-bis(1-imidazolyl) pyridine: Synthesis, DNA binding, Molecular docking and cytotoxicity studies. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4676.	3.5	4
32	Structure and cytotoxicity of zinc (II) and cobalt (II) complexes based on 1,3,5-tris(1-imidazolyl) benzene. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4734.	3.5	9
33	Four Ni(II), Co(III), Cd(II) complexes based on 5-(pyrazol-1-yl)nicotinic acid: synthesis, X-ray single crystal structure, in vitro cytotoxicity, apoptosis and molecular docking studies. <i>Journal of Coordination Chemistry</i> , 2019, 72, 328-346.	2.2	2
34	Synthesis, characterization, DNA binding, apoptosis and molecular docking of three Mn(II), Zn(II) and Cu(II) complexes with terpyridine-based carboxylic acid. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4164.	3.5	16
35	A series of novel complexes firstly constructed by 1,4-phenylenedioxydiacetic acid plays a role in disruption of DNA gene expression and induction of apoptosis. <i>Journal of Inorganic Biochemistry</i> , 2018, 180, 141-154.	3.5	6
36	Two Ho(III) and Co(II) complexes constructed from bis(triazol-1-yl)benzoic acid with structurally similar carboxyl ligands: Syntheses, structures and biological activities. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4571.	3.5	1

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37	Synthesis, crystal structure, DNA binding, molecular docking, cytotoxic activities and apoptosis of two copper (II) complexes constructed by 1,10-phen and semirigid bridge ligands. <i>Inorganica Chimica Acta</i> , 2018, 482, 221-228.	2.4	11
38	Synthesis, characterization, DNA binding, cytotoxicity and molecular docking properties of Cu (II) and Mn (II) complexes with 1,4-bis(pyrazol-1-yl) terephthalic acid. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4469.	3.5	17
39	pH Dependent synthesis of two isomeric dinuclear Cerium(II) complexes: Structures, DNA interactions, cytotoxic activity and apoptotic study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 170, 173-180.	3.8	7
40	Two novel dinuclear ellipsoid Ni(II) and Co(II) complexes bridged by 4,5-bis(pyrazol-1-yl)phthalic acid: Synthesis, structural characterization and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 235-245.	5.5	17
41	Synthesis, structures, fluorescence studies and cytotoxicity of a new Manganese(II) complex. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1509-1519.	1.6	7
42	Synthesis, characterization, DNA interaction, apoptosis and molecular docking of Cu(II) and Mn(II) complexes with <i>endo</i> -norbornene-5,6-dicarboxylic acid. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3575.	3.5	8
43	Synthesis, structures, molecular docking, cytotoxicity and bioimaging studies of two novel Zn(II) complexes. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 1-11.	5.5	38
44	Spiral frameworks constructed by 1,2-phenylene-dioxydiacetic acid as highly sensitive and selective luminescent probes to detect PO ₄ ³⁻ ions in aqueous solutions. <i>RSC Advances</i> , 2016, 6, 85704-85709.	3.6	17
45	The Syntheses, Structures, Fluorescence Properties and Biological Activity of two Novel Zinc(II) Complexes Controlled by the Tripodal Imidazole Ligand. <i>Journal of Fluorescence</i> , 2016, 26, 1331-1339.	2.5	2
46	Synthesis, Structure, DNA Binding, and Cleavage of a Zn(II) Complex Constructed by 4,4'-Bipyridine and Phenylacetic Acid. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 1041-1046.	0.6	3
47	The structures, cytotoxicity, apoptosis and molecular docking controlled by the aliphatic chain of palladium(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2016, 157, 34-45.	3.5	23
48	Synthesis, characterization, and DNA interaction of novel Pt(II) complexes and their cytotoxicity, apoptosis and molecular docking. <i>RSC Advances</i> , 2015, 5, 47798-47808.	3.6	16
49	Syntheses, characterization, interaction with DNA, cytotoxic and apoptosis of two novel complexes of Zn(II) and Mn(II) with 2-methyl-1H-4,5-imidazoledicarboxylic acid. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 295-301.	5.5	13
50	A Novel Cobalt(II) Coordination Complex Constructed from H ₂ Pyri and 4,4'-Bipy: Synthesis, Characterization and Bioactivity. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 783-792.	1.7	0
51	Synthesis, crystal structure, and characterization of two three-fold interpenetrating Co(II) coordination polymers based on 1,4-benzenedicarboxylic acid and length modulated bisimidazole ligands. <i>Journal of Coordination Chemistry</i> , 2014, 67, 563-571.	2.2	15
52	Cadmium(II) complex with 2-methyl-1H-4,5-imidazoledicarboxylic acid ligand: synthesis, characterization, and biological activity. <i>Journal of Coordination Chemistry</i> , 2014, 67, 3551-3564.	2.2	11
53	Synthesis, crystal structure, solid-state fluorescence, and interaction with DNA of mononuclear La(III) complex: La(Phen)2L2(NO3). <i>Journal of Coordination Chemistry</i> , 2014, 67, 2086-2095.	2.2	2
54	Palladium(II) and Platinum(II) Complexes Containing Six-Membered N-Heterocyclic Ligands: Synthesis, Characterization, Interaction with DNA, DFT Calculation, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5741-5751.	2.0	12

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55	Effect of carbon chain length on biological activity of novel palladium (II) complexes. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 172-180.	5.5	15
56	Synthesis, characterization, interaction with DNA and cytotoxicity of Pd(II) and Pt(II) complexes containing pyridine carboxylic acid ligands. <i>Dalton Transactions</i> , 2013, 42, 3957.	3.3	32
57	Synthesis, crystal structure, interaction with DNA, and cytotoxicity <i>in vitro</i> of a new mixed ligand-nickel complex: [Ni(DBMA)(en)(H ₂ O) ₃] \cdot 3H ₂ O. <i>Journal of Coordination Chemistry</i> , 2013, 66, 3004-3013.	2.2	5
58	Syntheses, characterizations and bioactivities on HeLa cells and KB cells of two dinuclear manganese complexes with carboxylate bridges. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1945-1958.	2.2	6
59	Two new palladium(II) complexes: synthesis, characterization and their interaction with HeLa cells. <i>Dalton Transactions</i> , 2012, 41, 11187.	3.3	21
60	Synthesis, characterization, and cytotoxicity <i>in vitro</i> of the complex [Mn(Hptc)(phen)(OH)] \cdot n. <i>Life Sciences</i> , 2012, 90, 519-524.	4.3	9
61	Hydrothermal synthesis, crystal structure and properties of three-dimensional Co(II)-4f heterometallic organic frameworks. <i>CrystEngComm</i> , 2012, 14, 8689.	2.6	9
62	Synthesis, characterization and cytotoxicity of a carboxylic ligand 2,2-bis(3-phenylpropyl) malonic acid and a corresponding Mn(II) complex. <i>Dalton Transactions</i> , 2012, 41, 13352.	3.3	6
63	Two new Ln/Ag heterometallic-based conversion phosphors constructed by 1H-benzimidazole-5,6-dicarboxylic acid. <i>CrystEngComm</i> , 2012, 14, 1753.	2.6	12
64	Novel palladium(II) complexes containing a sulfur ligand: structure and biological activity on HeLa cells. <i>Journal of Biological Inorganic Chemistry</i> , 2012, 17, 263-274.	2.6	17
65	Four Dysprosium(III) Compounds Based On 1H-Benzimidazole-5,6-dicarboxylic Acid via Hydrothermal Synthesis. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 293-300.	1.2	5
66	Synthesis, Characterization, Interaction with DNA, and Cytotoxic Effect <i>In Vitro</i> of New Mono- and Dinuclear Pd(II) and Pt(II) Complexes with Benzo[<i>d</i>]thiazol-2-amine As the Primary Ligand. <i>Inorganic Chemistry</i> , 2011, 50, 4732-4741.	4.0	63
67	Mixed-ligand manganese(II)-phenolate complexes: study of DNA cleavage, cytotoxic activity, and induction of apoptosis. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3992-4005.	2.2	11
68	Synthesis and crystal structure of two new dinuclear cobalt(II) complexes interaction with HeLa cells. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 160-167.	5.5	10
69	Synthesis, characterization, and study on HeLa cells activity of a dinuclear complex [Cu ₂ (phen) ₄ (H ₂ O) ₂] \cdot (pyri) \cdot 3H ₂ O. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2546-2554.	5.5	16
70	Hydrothermal synthesis, structure, and photoluminescence of four complexes based on 1H-imidazole-4,5-dicarboxylate or 1H-imidazole-2-carboxylate ligands. <i>Journal of Coordination Chemistry</i> , 2010, 63, 4188-4200.	2.2	36
71	New pH-dependent complexes, from mononuclear Pd(II) monomer to heteronuclear [Pd(II),K(I)] Polymer: DNA cleavage and cytotoxicity <i>in vitro</i> . <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1034-1041.	5.5	38
72	Hairpin-shaped tetranuclear palladium(II) complex: Synthesis, crystal structure, DNA binding and cytotoxicity activity studies. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2784-2790.	5.5	41

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73	Synthesis, crystal structure, DNA-binding and cytotoxicity in vitro of novel cis-Pt(II) and trans-Pd(II) pyridine carboxamide complexes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 7250-7254.	2.2	39
74	Synthesis, characterization, interaction with DNA and cytotoxicity in vitro of the complexes [M(dmphen)(CO ₃)]·H ₂ O [M=Pt(II), Pd(II)]. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 311-316.	5.5	103
75	Synthesis, characterization, interaction with DNA and cytotoxicity in vitro of novel pyridine complexes with Zn(II). <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4531-4538.	5.5	33
76	Synthesis, structures, and luminescence of lanthanide coordination polymers constructed from benzimidazole-5,6-dicarboxylate and oxalate ligands. <i>Inorganic Chemistry Communication</i> , 2010, 13, 479-483.	3.9	19
77	Synthesis, characterization, DNA interaction, and cytotoxicity of novel Pd(II) and Pt(II) complexes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 557-564.	5.2	13
78	Impact of the Carbon Chain Length of Novel Palladium(II) Complexes on Interaction with DNA and Cytotoxic Activity. <i>Inorganic Chemistry</i> , 2010, 49, 3261-3270.	4.0	66
79	Current Development of Pd(II) Complexes as Potential Antitumor Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2009, 9, 356-368.	1.7	141
80	Synthesis, interaction with double-helical DNA and biological activity of new Pt(II) and Pd(II) complexes with phenylglycine. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3425-3437.	2.2	23
81	Two-Dimensional and Three-Dimensional Lanthanide Coordination Polymers Built from 4-Hydroxypyridine-2,6-dicarboxylic Acid Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, NA-NA.	1.2	6
82	Synthesis, characterization, interaction with DNA and cytotoxicity in vitro of dinuclear Pd(II) and Pt(II) complexes dibridged by 2,2'-azanediyldibenzoic acid. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1958-1964.	3.5	100
83	Synthesis, structure and luminescent properties of Cd(II) and Zn(II) complexes constructed from 3,5-dimethyl-2, 6-pyrazinedicarboxylic acid. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1839-1848.	2.2	2
84	Synthesis, crystal structure and luminescence of a two-dimensional interpenetrating supermolecular complex {[Cd(phen) ₂ (sube)]·2H ₂ O} _n . <i>Journal of Coordination Chemistry</i> , 2008, 61, 1165-1171.	2.2	2
85	Synthesis, crystal structure and luminescence of novel two-dimensional interpenetrating frameworks. <i>Inorganic Chemistry Communication</i> , 2007, 10, 767-771.	3.9	14
86	A novel binuclear palladium complex with benzothiazole-2-thiolate: Synthesis, crystal structure and interaction with DNA. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 1404-1409.	3.5	79
87	An anticancer metallobenzylmalonate: crystal structure and anticancer activity of a palladium complex of 2,2'-bipyridine and benzylmalonate. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1295-1300.	2.2	81