

Gajendra Gupta

List of Publications by Year in descending order

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56
papers

1,312
citations

304602

22
h-index

395590

33
g-index

57
all docs

57
docs citations

57
times ranked

1318
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel BODIPY-based Ru(II) and Ir(III) metalla-rectangles: cellular localization of compounds and their antiproliferative activities. <i>Chemical Communications</i> , 2016, 52, 4274-4277.	2.2	81
2	Self-Assembled Novel BODIPY-Based Palladium Supramolecules and Their Cellular Localization. <i>Inorganic Chemistry</i> , 2017, 56, 4615-4621.	1.9	72
3	Efficient Energy Transfer (EnT) in Pyrene- and Porphyrin-Based Mixed-Ligand Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38670-38677.	4.0	63
4	Synthesis, molecular structure, computational study and in vitro anticancer activity of dinuclear thiolato-bridged pentamethylcyclopentadienyl Rh(III) and Ir(III) complexes. <i>Dalton Transactions</i> , 2013, 42, 15457.	1.6	56
5	Self-Assembly of Novel Thiophene-Based BODIPY Ru(II) Rectangles: Potential Antiproliferative Agents Selective Against Cancer Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 17199-17203.	1.7	55
6	Mitochondrial Localization of Highly Fluorescent and Photostable BODIPY-Based Ruthenium(II), Rhodium(III), and Iridium(III) Metal Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 8587-8595.	1.9	49
7	BODIPY based metal-organic macrocycles and frameworks: Recent therapeutic developments. <i>Coordination Chemistry Reviews</i> , 2022, 452, 214308.	9.5	46
8	BODIPY-based Ru(II) and Ir(III) organometallic complexes of avobenzone, a sunscreen material: Potent anticancer agents. <i>Journal of Inorganic Biochemistry</i> , 2018, 189, 17-29.	1.5	44
9	Study of novel η^5 -cyclopentadienyl and η^6 -arene platinum group metal complexes containing a N4-type ligand and their structural characterization. <i>Polyhedron</i> , 2009, 28, 844-850.	1.0	43
10	Biological Studies of Chalcogenolato-Bridged Dinuclear Half-Sandwich Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 13663-13673.	1.9	38
11	Ruthenium half-sandwich complexes with tautomerized pyrazolyl-pyridazine ligands: Synthesis, spectroscopic and molecular structural studies. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2618-2627.	0.8	37
12	Exploiting Natural Products to Build Metalla-Assemblies: The Anticancer Activity of Embelin-Derived Rh(III) and Ir(III) Metalla-Rectangles. <i>Molecules</i> , 2014, 19, 6031-6046.	1.7	31
13	Delivery of porphyrin to cancer cells by organometallic Rh(III) and Ir(III) metalla-cages. <i>Journal of Organometallic Chemistry</i> , 2015, 787, 44-50.	0.8	31
14	Neutral penta-coordinated diorganotin(IV) complexes derived from ortho-aminophenol Schiff bases: Synthesis, characterization and molecular structures. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2098-2104.	0.8	29
15	Synthesis, Molecular Structure and Cytotoxicity of Molecular Materials Based on Water Soluble Half-Sandwich Rh(III) and Ir(III) Tetranuclear Metalla-Cycles. <i>Materials</i> , 2013, 6, 5352-5366.	1.3	28
16	Heterometallic BODIPY-Based Molecular Squares Obtained by Self-Assembly: Synthesis and Biological Activities. <i>ACS Omega</i> , 2019, 4, 13200-13208.	1.6	28
17	Enhanced Photocatalytic Performance of Nanosized Mixed-Ligand Metal-Organic Frameworks through Sequential Energy and Electron Transfer Process. <i>Inorganic Chemistry</i> , 2020, 59, 12947-12953.	1.9	28
18	Syntheses, characterization and molecular structures of novel Ru(II), Rh(III) and Ir(III) complexes and their possible roles as antitumour and cytotoxic agents. <i>New Journal of Chemistry</i> , 2013, 37, 2573.	1.4	27

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19	Anticancer activity of large metalla-assemblies built from half-sandwich complexes. <i>CrystEngComm</i> , 2016, 18, 4952-4957.	1.3	27
20	Study of new mononuclear platinum group metal complexes containing $\hat{1}$ -5 and $\hat{1}$ -6 " Carbocyclic ligands and nitrogen based derivatives and formation of helices due to $\text{NH}\hat{1}\text{Cl}^-$ interactions. <i>Journal of Molecular Structure</i> , 2010, 979, 205-213.	1.8	26
21	Toward an efficient photosensitizer for photodynamic therapy: Incorporating BODIPY into porphyrinic nanoscale MOFs through the solvent-assisted ligand incorporation. <i>Dyes and Pigments</i> , 2019, 170, 107576.	2.0	26
22	Study of complexes of platinum group metals containing nitrogen bases derived from pyridine aldehydes: Interesting molecular structures with unpredicted bonding modes of the ligands. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2014-2022.	0.8	23
23	Anticancer Activity of Half-Sandwich Rh^{III} and Ir^{III} Metalla-Prisms Containing Lipophilic Side Chains. <i>ChemPlusChem</i> , 2014, 79, 610-618.	1.3	22
24	Self-Assembled BODIPY-Based Iridium Metallarectangles: Cytotoxicity and Propensity to Bind Biomolecules. <i>ChemPlusChem</i> , 2018, 83, 339-347.	1.3	22
25	Novel mononuclear $\hat{1}$ -5-pentamethylcyclopentadienyl complexes of platinum group metals bearing pyrazolylpyridazine ligands: Syntheses and spectral studies. <i>Inorganica Chimica Acta</i> , 2010, 363, 2287-2295.	1.2	21
26	Facile synthesis of hexagonal Sb_2Te_3 nanoplates using Ph_2SbTeR ($\text{R} = \text{Et}, \text{Ph}$) single source precursors. <i>Dalton Transactions</i> , 2013, 42, 8209.	1.6	21
27	Study of half-sandwich platinum group metal complexes bearing dpt-NH ₂ ligand. <i>Polyhedron</i> , 2010, 29, 904-910.	1.0	20
28	Spectral, structural and DFT studies of platinum group metal 3,6-bis(2-pyridyl)-4-phenylpyridazine complexes and their ligand bonding modes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 707-716.	0.8	19
29	BODIPY-based Ir(III) rectangles containing bis-benzimidazole ligands with highly selective toxicity obtained through self-assembly. <i>Journal of Organometallic Chemistry</i> , 2018, 868, 86-94.	0.8	19
30	Colorimetric detection of heavy metal ions in water via metal-organic framework. <i>Inorganica Chimica Acta</i> , 2019, 486, 69-73.	1.2	18
31	New series of platinum group metal complexes bearing $\hat{1}$ -5- and $\hat{1}$ -6-cyclichydrocarbons and Schiff base derived from 2-acetylthiazole: Syntheses and structural studies. <i>Polyhedron</i> , 2009, 28, 2649-2654.	1.0	17
32	Mononuclear Complexes of Platinum Group Metals Containing $\hat{1}$ -6- and $\hat{1}$ -5-Cyclic Perimeter Hydrocarbon and Pyridylpyrazolyl Derivatives: Syntheses and Structural Studies. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 758-764.	0.6	17
33	Half sandwich platinum group metal complexes containing tetradentate N-donor ligand bearing two pyrazolyl-pyridine units linked by an aromatic spacer. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 753-759.	0.8	16
34	Study of half sandwich platinum group metal complexes containing tetradentate N-donor ligand bearing two di-pyridylamine units linked by an aromatic spacer. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 702-708.	0.8	16
35	A highly selective chemodosimeter for the rapid detection of Hg^{2+} ions in aqueous media. <i>Tetrahedron Letters</i> , 2012, 53, 2571-2574.	0.7	16
36	Highly water soluble trithiolato-bridged dinuclear arene ruthenium complexes. <i>Inorganica Chimica Acta</i> , 2014, 423, 524-529.	1.2	14

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37	Antiproliferative activities of trithiolato-bridged dinuclear arene osmium complexes. <i>Inorganica Chimica Acta</i> , 2014, 423, 31-35.	1.2	14
38	Highly cytotoxic trithiolato-bridged dinuclear Rh(III) and Ir(III) complexes. <i>Journal of Organometallic Chemistry</i> , 2014, 767, 78-82.	0.8	14
39	Complementary Chromophore Decoration in NU@1000 via Solvent-Assisted Ligands Incorporation: Efficient Energy Transfer within the Metal-Organic Frameworks. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 128-133.	1.0	14
40	In Vitro Mechanistic Study of the Anti-inflammatory Activity of a Quinoline Isolated from <i>Spondias pinnata</i> Bark. <i>Journal of Natural Products</i> , 2018, 81, 1956-1961.	1.5	13
41	Development of a new catalytic and sustainable methodology for the synthesis of benzodiazepine triazole scaffold using magnetically separable CuFe ₂ O ₄ @MOF(Cr) nano-catalyst in aqueous medium. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5782.	1.7	12
42	Zinc-based Metal Organic Framework Derived From Anthracene and BODIPY Chromophores: Synthesis and Photophysical Properties. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 645-648.	1.0	12
43	Syntheses and Molecular Structure of Dinuclear Transition Metal Complexes Bridged by Dipyridylamine Derivative Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1516-1521.	0.6	11
44	Increasing the selectivity of biologically active tetranuclear arene ruthenium assemblies. <i>Journal of Organometallic Chemistry</i> , 2015, 796, 59-64.	0.8	11
45	Hydroxylation of azomethine carbon: isolation of complexes of \hat{I}^{5+} and \hat{I}^{6+} -cyclic hydrocarbon platinum group metals with a new Schiff-base ligand. <i>Journal of Coordination Chemistry</i> , 2011, 64, 4168-4181.	0.8	10
46	Investigating the Formation Mechanism of Arene Ruthenium Metallacycles by NMR Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5651-5661.	1.0	10
47	Facile solution routes for the syntheses of GeTe nanocrystals. <i>RSC Advances</i> , 2013, 3, 288-292.	1.7	9
48	Selective cytotoxicity of self-assembled BODIPY metalla-rectangles: Evidence of p53-Dependent apoptosis via both intrinsic and extrinsic pathways. <i>Dyes and Pigments</i> , 2020, 180, 108478.	2.0	8
49	Amidation of aldehydes using mono-cationic half-sandwich rhodium(III) complexes with functionalized phenylhydrazone ligands. <i>Journal of Organometallic Chemistry</i> , 2019, 886, 65-70.	0.8	7
50	Syntheses and structural studies of mononuclear arene ruthenium complexes with nitrogen-based chelating ligands. <i>Journal of Coordination Chemistry</i> , 2012, 65, 2523-2534.	0.8	6
51	Synthesis, Structure, and Heavy Atom Effect of Pt-Ferrocene BODIPY Complexes. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 599-602.	1.0	5
52	Multinuclear Ir-BODIPY complexes: Synthesis and binding studies. <i>Inorganic Chemistry Communication</i> , 2020, 113, 107759.	1.8	3
53	Pyrene and porphyrin-based Zn metal 1-D-polymer: synthesis, molecular structure, and photocatalytic property. <i>Dalton Transactions</i> , 2022, 51, 4257-4261.	1.6	3
54	[Bis(2-pyridyl- \hat{I}^N)amine]chlorido(\hat{I} -6-hexamethylbenzene)ruthenium(II) hexafluoridophosphate dichloromethane solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m548-m548.	0.2	2

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55	Unexpected Formation of (1â€‰+â€‰1) Ruthenium Macrocyclic from Flexible Ru(II) Clip. Bulletin of the Korean Chemical Society, 2020, 41, 213-215.	1.0	2
56	Synthesis of Sb_2Te_3 Hierarchical Nanostructures by Divalent Germanium Ionâ€‰assisted Solution Method. Bulletin of the Korean Chemical Society, 2015, 36, 2841-2845.	1.0	0