

# Gajendra Gupta

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55  
papers

1,026  
citations

19  
h-index

28  
g-index

57  
ext. papers

1,166  
ext. citations

3.4  
avg, IF

4.39  
L-index

#	Paper	IF	Citations
55	BODIPY based Metal-Organic Macrocycles and Frameworks: Recent Therapeutic Developments.. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 452,	23.2	3
54	Zinc-based Metal Organic Framework Derived From Anthracene and BODIPY Chromophores: Synthesis and Photophysical Properties. <i>Bulletin of the Korean Chemical Society</i> , <b>2021</b> , 42, 645-648	1.2	3
53	Development of a new catalytic and sustainable methodology for the synthesis of benzodiazepine triazole scaffold using magnetically separable CuFe <sub>2</sub> O <sub>4</sub> @MIL-101(Cr) nano-catalyst in aqueous medium. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5782	3.1	8
52	Synthesis, Structure, and Heavy Atom Effect of Pt-Ferrocene BODIPY Complexes. <i>Bulletin of the Korean Chemical Society</i> , <b>2020</b> , 41, 599-602	1.2	3
51	Unexpected Formation of (1 + 1) Ruthenium Macrocycle from Flexible Ru(II) Clip. <i>Bulletin of the Korean Chemical Society</i> , <b>2020</b> , 41, 213-215	1.2	0
50	Multinuclear Ir-BODIPY complexes: Synthesis and binding studies. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 113, 107759	3.1	3
49	Selective cytotoxicity of self-assembled BODIPY metalla-rectangles: Evidence of p53-Dependent apoptosis via both intrinsic and extrinsic pathways. <i>Dyes and Pigments</i> , <b>2020</b> , 180, 108478	4.6	6
48	Enhanced Photocatalytic Performance of Nanosized Mixed-Ligand Metal-Organic Frameworks through Sequential Energy and Electron Transfer Process. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 12947-12953	5.1	14
47	Mitochondrial Localization of Highly Fluorescent and Photostable BODIPY-Based Ruthenium(II), Rhodium(III), and Iridium(III) Metal Complexes. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 8587-8595	5.1	29
46	Toward an efficient photosensitizer for photodynamic therapy: Incorporating BODIPY into porphyrinic nanoscale MOFs through the solvent-assisted ligand incorporation. <i>Dyes and Pigments</i> , <b>2019</b> , 170, 107576	4.6	16
45	Amidation of aldehydes using mono-cationic half-sandwich rhodium(III) complexes with functionalized phenylhydrazone ligands. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 886, 65-70	2.3	4
44	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> , <b>2019</b> , 40, 128-133	1.2	12
43	Heterometallic BODIPY-Based Molecular Squares Obtained by Self-Assembly: Synthesis and Biological Activities. <i>ACS Omega</i> , <b>2019</b> , 4, 13200-13208	3.9	17
42	Colorimetric detection of heavy metal ions in water via metal-organic framework. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 486, 69-73	2.7	12
41	Self-Assembled BODIPY-Based Iridium Metallarectangles: Cytotoxicity and Propensity to Bind Biomolecules. <i>ChemPlusChem</i> , <b>2018</b> , 83, 339-347	2.8	18
40	BODIPY-based Ir(III) rectangles containing bis-benzimidazole ligands with highly selective toxicity obtained through self-assembly. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 868, 86-94	2.3	13
39	BODIPY-based Ru(II) and Ir(III) organometallic complexes of avobenzone, a sunscreen material: Potent anticancer agents. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 189, 17-29	4.2	28

38	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> , <b>2018</b> , 81, 1956-1961	4.9	8
37	Self-Assembled Novel BODIPY-Based Palladium Supramolecules and Their Cellular Localization. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4616-4622	5.1	59
36	Self-Assembly of Novel Thiophene-Based BODIPY Ru Rectangles: Potential Antiproliferative Agents Selective Against Cancer Cells. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 17199-17203	4.8	45
35	Efficient Energy Transfer (EnT) in Pyrene- and Porphyrin-Based Mixed-Ligand Metal-Organic Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 38670-38677	9.5	48
34	Novel BODIPY-based Ru(II) and Ir(III) metalla-rectangles: cellular localization of compounds and their antiproliferative activities. <i>Chemical Communications</i> , <b>2016</b> , 52, 4274-7	5.8	63
33	Anticancer activity of large metalla-assemblies built from half-sandwich complexes. <i>CrystEngComm</i> , <b>2016</b> , 18, 4952-4957	3.3	23
32	Increasing the selectivity of biologically active tetranuclear arene ruthenium assemblies. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 796, 59-64	2.3	11
31	Delivery of porphin to cancer cells by organometallic Rh(III) and Ir(III) metalla-cages. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 787, 44-50	2.3	25
30	Synthesis of Sb <sub>2</sub> Te <sub>3</sub> Hierarchical Nanostructures by Divalent Germanium Ion-assisted Solution Method. <i>Bulletin of the Korean Chemical Society</i> , <b>2015</b> , 36, 2841-2845	1.2	
29	Anticancer Activity of Half-Sandwich Rh and Ir Metalla-Prisms Containing Lipophilic Side Chains. <i>ChemPlusChem</i> , <b>2014</b> , 79, 610-618	2.8	21
28	Highly water soluble trithiolato-bridged dinuclear arene ruthenium complexes. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 423, 524-529	2.7	14
27	Investigating the Formation Mechanism of Arene Ruthenium Metallacycles by NMR Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 5651-5661	2.3	7
26	Antiproliferative activities of trithiolato-bridged dinuclear arene osmium complexes. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 423, 31-35	2.7	14
25	Highly cytotoxic trithiolato-bridged dinuclear Rh(III) and Ir(III) complexes. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 767, 78-82	2.3	11
24	Exploiting natural products to build metalla-assemblies: the anticancer activity of embelin-derived Rh(III) and Ir(III) metalla-rectangles. <i>Molecules</i> , <b>2014</b> , 19, 6031-46	4.8	26
23	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> , <b>2013</b> , 42, 15457-63	4.3	48
22	Biological studies of chalcogenolato-bridged dinuclear half-sandwich complexes. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 13663-73	5.1	33
21	Facile synthesis of hexagonal Sb <sub>2</sub> Te <sub>3</sub> nanoplates using Ph <sub>2</sub> SbTeR (R = Et, Ph) single source precursors. <i>Dalton Transactions</i> , <b>2013</b> , 42, 8209-11	4.3	19

20	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> , <b>2013</b> , 37, 2573	3.6	24
19	Facile solution routes for the syntheses of GeTe nanocrystals. <i>RSC Advances</i> , <b>2013</b> , 3, 288-292	3.7	9
18	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> , <b>2013</b> , 6, 5352-5366	3.5	22
17	A highly selective chemodosimeter for the rapid detection of Hg <sup>2+</sup> ions in aqueous media. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 2571-2574	2	16
16	Syntheses and structural studies of mononuclear arene ruthenium complexes with nitrogen-based chelating ligands. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 2523-2534	1.6	5
15	Hydroxylation of azomethine carbon: isolation of complexes of $\eta^5$ and $\eta^6$ -cyclic hydrocarbon platinum group metals with a new Schiff-base ligand. <i>Journal of Coordination Chemistry</i> , <b>2011</b> , 64, 4168-4181	1.6	10
14	Syntheses and Molecular Structure of Dinuclear Transition Metal Complexes Bridged by Dipyridylamine Derivative Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2011</b> , 637, 1516-1521	1.3	10
13	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> , <b>2011</b> , 696, 702-708	2.3	16
12	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> , <b>2011</b> , 696, 2014-2022	2.3	22
11	[Bis-(2-pyrid-yl- $\kappa$ )amine]chlorido( $\eta^6$ -methyl-benzene)-ruthenium(II) hexa-fluorido-phosphate dichloro-methane solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, m548		2
10	Study of new mononuclear platinum group metal complexes containing $\eta^5$ and $\eta^6$ carbocyclic ligands and nitrogen based derivatives and formation of helices due to NH $\cdots$ Cl interactions. <i>Journal of Molecular Structure</i> , <b>2010</b> , 979, 205-213	3.4	23
9	Study of half-sandwich platinum group metal complexes bearing dpt-NH <sub>2</sub> ligand. <i>Polyhedron</i> , <b>2010</b> , 29, 904-910	2.7	18
8	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> , <b>2010</b> , 695, 707-716	2.3	18
7	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> , <b>2010</b> , 695, 753-759	2.3	16
6	Neutral penta-coordinated diorganotin(IV) complexes derived from ortho-aminophenol Schiff bases: Synthesis, characterization and molecular structures. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 2098-2104	2.3	27
5	Novel mononuclear $\eta^5$ -pentamethylcyclopentadienyl complexes of platinum group metals bearing pyrazolylpyridazine ligands: Syntheses and spectral studies. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 2287-2297	2.7	18
4	Mononuclear Complexes of Platinum Group Metals Containing $\eta^5$ - and $\eta^6$ -Cyclic $\eta^6$ -Perimeter Hydrocarbon and Pyridylpyrazolyl Derivatives: Syntheses and Structural Studies. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2010</b> , 636, 758-764	1.3	17
3	Study of novel $\eta^5$ -cyclopentadienyl and $\eta^6$ -arene platinum group metal complexes containing a N <sub>4</sub> -type ligand and their structural characterization. <i>Polyhedron</i> , <b>2009</b> , 28, 844-850	2.7	40

- 2 New series of platinum group metal complexes bearing  $\beta$ - and  $\beta$ -cyclichydrocarbons and Schiff base derived from 2-acetylthiazole: Syntheses and structural studies. *Polyhedron*, **2009**, 28, 2649-2654 2.7 15
- 1 Ruthenium half-sandwich complexes with tautomerized pyrazolyl-pyridazine ligands: Synthesis, spectroscopic and molecular structural studies. *Journal of Organometallic Chemistry*, **2009**, 694, 2618-2627 34