

# Daya Shankar Pandey

## List of Publications by Year in descending order

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43  
papers

1,368  
citations

331642

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	DNA/Protein binding and anticancer activity of Zn(II) complexes based on azo-Schiff base ligands. <i>Inorganica Chimica Acta</i> , 2022, 538, 120963.	2.4	8
2	Substituent-modulated aggregation-induced emission and solid-state acid/base sensing applications of pyrazole-based donor-acceptor derivatives. <i>Dyes and Pigments</i> , 2022, 204, 110444.	3.7	5
3	Solid state emissive azo-Schiff base ligands and their Zn(II) complexes: acidochromism and photoswitching behaviour. <i>New Journal of Chemistry</i> , 2021, 45, 199-207.	2.8	8
4	Artificial light-harvesting systems (LHSs) based on boron-difluoride (BF <sub>2</sub> ) hydrazone complexes (BODIHYs). <i>New Journal of Chemistry</i> , 2021, 45, 1677-1685.	2.8	12
5	An AIE active BODIPY based fluorescent probe for selective sensing of Hg <sup>2+</sup> via dual mechanism PET and CHEF. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021, 25, 493-499.	0.8	1
6	Controlling Aggregation and Excited-State Intramolecular Proton Transfer in BODIPYs by Incorporation of 2-(2-Hydroxyphenyl)quinazoline and Variation of Substituents. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15523-15532.	3.1	7
7	Recent developments in metal dipyrin complexes: Design, synthesis, and applications. <i>Coordination Chemistry Reviews</i> , 2020, 414, 213269.	18.8	36
8	Controlling Photophysical Properties of Systems Containing Multiple BODIPY Units Linked by Methylene Bridge. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9056-9067.	3.1	9
9	AIE active piperazine appended naphthalimide-BODIPYs: photophysical properties and applications in live cell lysosomal tracking. <i>Analyst</i> , 2019, 144, 331-341.	3.5	18
10	Photosensitization Ability of 1,7-Phenanthroline Based Bis-BODIPYs: Perplexing Role of Intramolecular Rotation on Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2019, 123, 30623-30632.	3.1	11
11	Effect of substituents on photophysical and aggregation behaviour in quinoline based bis-terpyridine Zn(II) complexes. <i>Inorganica Chimica Acta</i> , 2019, 487, 24-30.	2.4	8
12	Solvent-Dependent Self-Assembly and Aggregation-Induced Emission in Zn(II) Complexes Containing Phenothiazine-Based Terpyridine Ligand and Its Efficacy in Pyrophosphate Sensing. <i>Journal of Physical Chemistry C</i> , 2018, 122, 5178-5187.	3.1	27
13	Pyrazole appended quinoline-BODIPY based arene ruthenium complexes: their anticancer activity and potential applications in cellular imaging. <i>Dalton Transactions</i> , 2018, 47, 17500-17514.	3.3	32
14	Cyclometalated Ir(III) Complexes Involving Functionalized Terpyridine-Based Ligands Exhibiting Aggregation-Induced Emission and Their Potential Applications in CO <sub>2</sub> Detection. <i>Organometallics</i> , 2018, 37, 3827-3838.	2.3	12
15	Manipulating Metallogel Properties by Luminogens and Their Applications in Cell Imaging. <i>ACS Omega</i> , 2018, 3, 5417-5425.	3.5	18
16	Substituent-directed ESIPTC-coupled Aggregation-Induced Emission in Near-Infrared-Emitting Quinazoline Derivatives. <i>ChemPhysChem</i> , 2018, 19, 2672-2682.	2.1	20
17	Synthesis, characterization, DNA binding and cytotoxicity of fluoro-dipyrin based arene ruthenium(II) complexes. <i>Inorganica Chimica Acta</i> , 2017, 454, 117-127.	2.4	28
18	p53 dependent apoptosis and cell cycle delay induced by heteroleptic complexes in human cervical cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 218-231.	5.6	31

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19	Anticancer Activity of Iridium(III) Complexes Based on a Pyrazole-Appended Quinoline-Based BODIPY. <i>Inorganic Chemistry</i> , 2017, 56, 12232-12247.	4.0	69
20	Polymerization of 1-((2-Propynyl)ethyl)imidazolium Bromide using Cyclometalated Pd(II) Catalysts and Study of the Interaction of Ensuing Oligomer with BSA. <i>ChemistrySelect</i> , 2017, 2, 6000-6008.	1.5	5
21	Influence of substituents on DNA and protein binding of cyclometalated Ir(III) complexes and anticancer activity. <i>Dalton Transactions</i> , 2017, 46, 8572-8585.	3.3	35
22	Exquisite 1D Assemblies Arising from Rationally Designed Asymmetric Donor-Acceptor Architectures Exhibiting Aggregation-Induced Emission as a Function of Auxiliary Acceptor Strength. <i>Chemistry - A European Journal</i> , 2016, 22, 753-763.	3.3	14
23	Dipyrrin complex assisted in situ synthesis of ultra-small gold nanoparticles decorated on a partially reduced graphene oxide nanocomposite for efficient catalytic reduction of Cr(VI) to Cr(III). <i>RSC Advances</i> , 2016, 6, 40911-40915.	3.6	10
24	An Unconventional Mechanistic Insight on Aggregation Induced Emission in Novel Boron Dipyrrromethenes and Their Rational Biological Realizations. <i>Journal of Physical Chemistry C</i> , 2016, 120, 22605-22614.	3.1	22
25	Fine-Tuning of Saponification-Triggered Gelation by Strategic Modification of Peripheral Substituents: Gelation Regulators. <i>Chemistry - A European Journal</i> , 2016, 22, 13799-13804.	3.3	3
26	Molecular and Nanoaggregation in Cyclometalated Iridium(III) Complexes through Structural Modification. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4199-4206.	2.0	8
27	Anion triggered metallogels: demetalation and crystal growth inside the gel matrix and improvement in viscoelastic properties using Au-NPs. <i>Soft Matter</i> , 2016, 12, 2997-3003.	2.7	22
28	Heteroleptic arene Ru(II) dipyrinato complexes: DNA, protein binding and anti-cancer activity against the ACHN cancer cell line. <i>Dalton Transactions</i> , 2016, 45, 7163-7177.	3.3	30
29	Cationic Ru(II), Rh(III) and Ir(III) complexes containing cyclic -perimeter and 2-aminophenyl benzimidazole ligands: Synthesis, molecular structure, DNA and protein binding, cytotoxicity and anticancer activity. <i>Journal of Organometallic Chemistry</i> , 2016, 801, 68-79.	1.8	60
30	Triazole-appended BODIPY-piperazine conjugates and their efficacy toward mercury sensing. <i>New Journal of Chemistry</i> , 2015, 39, 2233-2239.	2.8	19
31	Morphological tuning via structural modulations in AIE luminogens with the minimum number of possible variables and their use in live cell imaging. <i>Chemical Communications</i> , 2015, 51, 9125-9128.	4.1	44
32	Detection of copper(II) and aluminium(III) by a new bis-benzimidazole Schiff base in aqueous media via distinct routes. <i>RSC Advances</i> , 2015, 5, 88612-88624.	3.6	12
33	Can enantiomer ligands produce structurally distinct homochiral MOFs?. <i>CrystEngComm</i> , 2015, 17, 8202-8206.	2.6	18
34	Synthesis, Structure, DNA/Protein Binding, and Anticancer Activity of Some Half-Sandwich Cyclometalated Rh(III) and Ir(III) Complexes. <i>Organometallics</i> , 2015, 34, 4491-4506.	2.3	109
35	Pyridylphenyl appended imidazoquinazoline based ratiometric fluorescence return-on-chemosensor for Hg <sup>2+</sup> and Al <sup>3+</sup> in aqueous media. <i>RSC Advances</i> , 2014, 4, 55967-55970.	3.6	30
36	Multifaceted half-sandwich arene-ruthenium complexes: interactions with biomolecules, photoactivation, and multinuclearity approach. <i>RSC Advances</i> , 2014, 4, 1819-1840.	3.6	75

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37	Interaction of ferrocene appended Ru(II), Rh(III) and Ir(III) dipyrinato complexes with DNA/protein, molecular docking and antitumor activity. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 17-29.	5.5	82
38	Potential apoptosis inducing agents based on a new benzimidazole schiff base ligand and its dicopper( $\text{Cu}_2$ ) complex. <i>RSC Advances</i> , 2014, 4, 41228-41236.	3.6	38
39	DNA/Protein Binding, Molecular Docking, and in Vitro Anticancer Activity of Some Thioether-Dipyrinato Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 13984-13996.	4.0	142
40	DNA Binding and Anti-Cancer Activity of Redox-Active Heteroleptic Piano-Stool Ru(II), Rh(III), and Ir(III) Complexes Containing 4-(2-Methoxypyridyl)phenyldipyrromethene. <i>Inorganic Chemistry</i> , 2013, 52, 3687-3698.	4.0	145
41	Synthesis and characterization of some heteroleptic copper(II) complexes based on meso-substituted dipyrins. <i>Journal of Chemical Sciences</i> , 2011, 123, 819-826.	1.5	7
42	Synthetic, Spectral, Structural, and Catalytic Aspects of Some Piano-Stool Complexes Containing $\text{Cu}(\text{P}(\text{C}_6\text{H}_5)_2)_2$ pyridine. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 704-715.	2.0	23
43	First Examples of Heteroleptic Dipyrin/ $\text{Cp}^*$ Pentamethylcyclopentadienyl Rhodium/Iridium(III) Complexes and Their Catalytic Activity. <i>Organometallics</i> , 2009, 28, 4713-4723.	2.3	55