

# Divya Pratap Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1801769/publications.pdf>

Version: 2024-02-01

18  
papers

464  
citations

687363

13  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

588  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, structural investigations and corrosion inhibition studies on Mn( <sup>II</sup> ), Co( <sup>II</sup> ), Ni( <sup>II</sup> ), Cu( <sup>II</sup> ) and Zn( <sup>II</sup> ) complexes with 2-amino-benzoic acid (phenyl-pyridin-2-yl-methylene)-hydrazide. RSC Advances, 2015, 5, 45217-45230.	3.6	47
2	A dihydrazone based fluorescent probe for selective determination of Al <sup>3+</sup> ions in aqueous ethanol. Sensors and Actuators B: Chemical, 2017, 238, 128-137.	7.8	44
3	A binuclear Mn( <sup>II</sup> ) complex as an efficient catalyst for transamidation of carboxamides with amines. RSC Advances, 2014, 4, 1155-1158.	3.6	43
4	New highly luminescent 3D Tb(III)-MOF as selective sensor for antibiotics. Inorganic Chemistry Communication, 2021, 130, 108756.	3.9	41
5	Synthesis, characterization and catalytic application of some novel binuclear transition metal complexes of bis-(2-acetylthiophene) oxaloyldihydrazone for CN bond formation. Journal of Molecular Catalysis A, 2013, 379, 21-29.	4.8	38
6	Intracellular application and logic gate behavior of a turn off-on-off type probe for selective detection of Al <sup>3+</sup> and F <sup>-</sup> ions in pure aqueous medium. Sensors and Actuators B: Chemical, 2018, 258, 881-894.	7.8	33
7	Synthesis, spectral and single crystal X-ray diffraction studies on Co(II), Ni(II), Cu(II) and Zn(II) complexes with o-amino acetophenone benzoyl hydrazone. Polyhedron, 2013, 56, 71-81.	2.2	31
8	A dihydrazone based fluorescent probe for selective determination of Al <sup>3+</sup> ions. Journal of Luminescence, 2014, 155, 7-14.	3.1	29
9	Synthesis, spectroscopic (electronic, IR, NMR and ESR) and theoretical studies of transition metal complexes with some unsymmetrical Schiff bases. Journal of Molecular Structure, 2014, 1058, 71-78.	3.6	29
10	Synthesis, spectral and single crystal X-ray diffraction studies on Mn(II), Ni(II), Cu(II) and Zn(II) complexes with 2-hydroxy-benzoic acid (phenyl-pyridin-2-yl-methylene)-hydrazide. Polyhedron, 2014, 81, 56-65.	2.2	29
11	Synthesis, characterization and biocidal activity of some transition metal(II) complexes with isatin salicylaldehyde acyldihydrazones. Journal of Enzyme Inhibition and Medicinal Chemistry, 2012, 27, 319-329.	5.2	26
12	Lanthanide based double perovskites: Bifunctional catalysts for oxygen evolution/reduction reactions. International Journal of Hydrogen Energy, 2021, 46, 17163-17172.	7.1	20
13	Logic gate behavior and intracellular application of a fluorescent molecular switch for the detection of Fe <sup>3+</sup> and cascade sensing of F <sup>-</sup> in pure aqueous media. Organic and Biomolecular Chemistry, 2019, 17, 7497-7506.	2.8	15
14	Binuclear Cu(I) complex of (N <sup>1</sup> E,N <sup>2</sup> E)-N <sup>1</sup> ,N <sup>2</sup> -bis(phenyl(pyridin-2-yl)methylene)oxalohydrazone: Synthesis, crystal structure and catalytic activity for the synthesis of 1,2,3-triazoles. Journal of Molecular Catalysis A, 2015, 398, 158-163.	4.8	13
15	Synthesis, thermal studies and spectral characterization of Co(II), Ni(II), Cu(II), and Zn(II) complexes with some polymeric diacetyl acyldihydrazone ligands. Macromolecular Research, 2013, 21, 757-766.	2.4	10
16	A binuclear Cu( <sup>I</sup> ) complex as a novel catalyst towards the direct synthesis of N-2-aryl-substituted-1,2,3-triazoles from chalcones. RSC Advances, 2016, 6, 15518-15524.	3.6	10
17	Synthesis, spectroscopic characterization, DFT calculations, and antimicrobial activities of N-arylsalicylaldiminate derivatives of diorganotin(IV). Journal of Coordination Chemistry, 2019, 72, 3371-3384.	2.2	6
18	Enhanced Cooperative Tamper Evident Agent Based Anomaly Intrusion Detection in Ad Hoc Networks. Science & Technology Journal, 2018, 6, 7-12.	0.0	0