

# Virendra R Mishra

## List of Publications by Year in descending order

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14  
papers

458  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of donors julolidine and triphenylamine in TCF-based NLOphoric dyes – a DFT approach. <i>Molecular Physics</i> , 2021, 119, e1853266.	1.7	1
2	Review of NLOphoric azo dyes – Developments in hyperpolarizabilities in last two decades. <i>Dyes and Pigments</i> , 2021, 191, 109367.	3.7	41
3	Positional isomers of heterocyclic azo dyes: Investigation of NLO properties by Z-scan and correlative DFT studies. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100091.	2.8	2
4	Schiff base clubbed benzothiazole: synthesis, potent antimicrobial and MCF-7 anticancer activity, DNA cleavage and computational study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 1-14.	3.5	55
5	Benzothiazole pyrazole containing emissive azo dyes decorated with ESIPT core: Linear and non linear optical properties, Z scan, optical limiting, laser damage threshold with comparative DFT studies. <i>Journal of Molecular Structure</i> , 2020, 1203, 127401.	3.6	50
6	Linear and NLO Properties of Functional Group and Position Isomers of Azo and Azomethine: Comparative Photophysical – Electrochemical Properties, Z – Scan and DFT Studies. <i>ChemistrySelect</i> , 2020, 5, 10743-10753.	1.5	4
7	Benzothiazole-pyridone and benzothiazole-pyrazole clubbed emissive azo dyes and dyeing application on polyester fabric: UPF, biological, photophysical and fastness properties with correlative computational assessments. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 230, 118064.	3.9	31
8	Red Emitting Hydroxybenzazole (HBX) Based Azo Dyes: Linear and Non Linear Optical Properties, Optical Limiting, Z Scan Analysis with DFT Assessments. <i>Journal of Fluorescence</i> , 2020, 30, 335-346.	2.5	10
9	Towards NIR – Active Hydroxybenzazole (HBX) – Based ESIPT Motifs: A Recent Research Trend. <i>ChemistrySelect</i> , 2020, 5, 2103-2113.	1.5	35
10	UV protective heterocyclic disperse azo dyes: Spectral properties, dyeing, potent antibacterial activity on dyed fabric and comparative computational study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117353.	3.9	36
11	ESIPT clubbed azo dyes as deep red emitting fluorescent molecular rotors: Photophysical properties, pH study, viscosity sensitivity, and DFT studies. <i>Journal of Luminescence</i> , 2019, 215, 116689.	3.1	29
12	Synthesis, bioactivities, DFT and in-silico appraisal of azo clubbed benzothiazole derivatives. <i>Journal of Molecular Structure</i> , 2019, 1192, 162-171.	3.6	35
13	Design, synthesis, antimicrobial activity and computational studies of novel azo linked substituted benzimidazole, benzoxazole and benzothiazole derivatives. <i>Computational Biology and Chemistry</i> , 2019, 78, 330-337.	2.3	98
14	Photostability of Coumarin Laser Dyes - a Mechanistic Study Using Global and Local Reactivity Descriptors. <i>Journal of Fluorescence</i> , 2017, 27, 1101-1108.	2.5	31