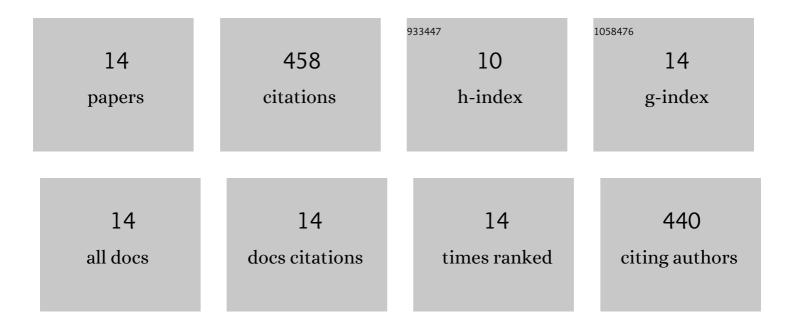
Virendra R Mishra

List of Publications by Year in descending order

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