

# Nikhil Maroli

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

372  
citations

759233

12  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

395  
citing authors

#	ARTICLE	IF	CITATIONS
1	The potential role of procyanidin as a therapeutic agent against SARS-CoV-2: a text mining, molecular docking and molecular dynamics simulation approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 1230-1245.	3.5	34
2	Heterostructure of CsPbBr <sub>3</sub> -CdS perovskite quantum dots for enhanced stability and charge transfer. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 275, 115513.	3.5	12
3	Graphene oxide as a dual template for induced helicity of peptides. <i>Nanoscale</i> , 2022, 14, 7881-7890.	5.6	6
4	Tunable Anticancer Activity of Furoylthiourea-Based Ru <sup>II</sup> -Arene Complexes and Their Mechanism of Action. <i>Chemistry - A European Journal</i> , 2021, 27, 7418-7433.	3.3	23
5	Mitochondria-targeted dual-channel colorimetric and fluorescence chemosensor for detection of Sn <sup>2+</sup> ions in aqueous solution based on aggregation-induced emission and its bioimaging applications. <i>Journal of Hazardous Materials</i> , 2021, 415, 125593.	12.4	39
6	A dual-channel colorimetric and ratiometric fluorescence chemosensor for detection of Hg <sup>2+</sup> ion and its bioimaging applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 257, 119776.	3.9	25
7	Mitochondria-targeted acridine-based dual-channel fluorescence chemosensor for detection of Sn <sup>4+</sup> and Cr <sup>2O7</sup> <sup>2-</sup> ions in water and its application in discriminative detection of cancer cells. <i>Journal of Hazardous Materials</i> , 2021, 419, 126409.	12.4	39
8	Construction of a simple dual-channel fluorescence chemosensor for Cu <sup>2+</sup> ion and GSSG detection and its mitochondria-targeting bioimaging applications. <i>Analytica Chimica Acta</i> , 2021, 1181, 338896.	5.4	38
9	Mechanistic insights into the effects of key mutations on SARS-CoV-2 RBD-ACE2 binding. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 26451-26458.	2.8	19
10	Comparative study of stability and transport of molecules through cyclic peptide nanotube and aquaporin: a molecular dynamics simulation approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 186-199.	3.5	16
11	Highly adaptable and sensitive FRET-based aptamer assay for the detection of <i>Salmonella paratyphi A</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 243, 118662.	3.9	21
12	Application of real sample analysis and biosensing: Synthesis of new naphthyl derived chemosensor for detection of Al <sup>3+</sup> ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 241, 118684.	3.9	37
13	Molecular Mechanism of T-2 Toxin-Induced Cerebral Edema by Aquaporin-4 Blocking and Permeation. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4942-4958.	5.4	19
14	Bis-anthracene derived bis-pyridine: selective fluorescence sensing of Al <sup>3+</sup> ions. <i>New Journal of Chemistry</i> , 2019, 43, 2519-2528.	2.8	23
15	Combined Inhibitory Effects of Citrinin, Ochratoxin-A, and T-2 Toxin on Aquaporin-2. <i>Journal of Physical Chemistry B</i> , 2019, 123, 5755-5768.	2.6	8
16	Structure, stability and water permeation of ([D-Leu-L-Lys-(D-Gln-L-Ala) <sup>3</sup> ]) cyclic peptide nanotube: a molecular dynamics study. <i>Molecular Simulation</i> , 2018, 44, 225-235.	2.0	12