

# Mehebab Ali Khan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1031660/publications.pdf>

Version: 2024-02-01

7  
papers

71  
citations

1937685

4  
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1720034

7  
g-index

7  
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7  
docs citations

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times ranked

95  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of gold and silver nanoparticles using Malva verticillata leaves extract: Study of gold nanoparticles catalysed reduction of nitro-Schiff bases and antibacterial activities of silver nanoparticles. <i>Current Research in Green and Sustainable Chemistry</i> , 2020, 3, 100006.	5.6	29
2	A reversible biocompatible silver nanoconstructs for selective sensing of mercury ions combined with antimicrobial activity studies. <i>Nano Structures Nano Objects</i> , 2019, 17, 185-193.	3.5	15
3	Binding mode dependent signaling for the detection of Cu <sup>2+</sup> : An experimental and theoretical approach with practical applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 471-477.	3.9	13
4	A solvent sensitive coumarin derivative coupled with gold nanoparticles as selective fluorescent sensor for Pb <sup>2+</sup> ions in real samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 243, 118810.	3.9	6
5	Cu(II)-induced twisting of the biphenyl core: exploring the effect of structure and coordination environment of biphenyl-based chiral copper(II) complexes on interaction with calf-thymus DNA. <i>New Journal of Chemistry</i> , 2020, 44, 20275-20284.	2.8	4
6	Crystallographic Elucidation of Stimuli-Controlled Molecular Rotation for a Reversible Sol <sup>+</sup> Gel Transformation. <i>Journal of Organic Chemistry</i> , 2020, 85, 4019-4025.	3.2	3
7	Comparative Chemocatalytic Reduction Efficacy of Biosynthesized Silver and Gold Nanoparticles Towards Aromatic Nitro Compounds. <i>Analytical Chemistry Letters</i> , 2020, 10, 667-683.	1.0	1