

# Kshitij Rb Singh

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,126  
citations

394286

19  
h-index

501076

28  
g-index

44  
all docs

44  
docs citations

44  
times ranked

469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecularly imprinted polymer-based optical immunosensors. <i>Luminescence</i> , 2023, 38, 834-844.	1.5	7
2	Potentialities of core@shell nanomaterials for biosensor technologies. <i>Materials Letters</i> , 2022, 306, 130912.	1.3	25
3	Efficient electro-optical characteristics of bioinspired iron oxide nanoparticles synthesized by <i>Terminalia chebula</i> dried seed extract. <i>Materials Letters</i> , 2022, 307, 131053.	1.3	28
4	Smart and emerging nanomaterials-based biosensor for SARS-CoV-2 detection. <i>Materials Letters</i> , 2022, 307, 131092.	1.3	28
5	Biotechnology in animal nutrition and feed utilization. , 2022, , 339-369.		1
6	Trends of bioderived carbonaceous materials for futuristic biomedical applications. <i>Materials Letters</i> , 2022, 311, 131606.	1.3	15
7	Potentialities of nanomaterials for the management and treatment of metabolic syndrome: A new insight. <i>Materials Today Advances</i> , 2022, 13, 100198.	2.5	25
8	Potentialities of graphene and its allied derivatives to combat against SARS-CoV-2 infection. <i>Materials Today Advances</i> , 2022, 13, 100208.	2.5	31
9	Bioinspired quantum dots for cancer therapy: A mini-review. <i>Materials Letters</i> , 2022, 313, 131742.	1.3	22
10	Recent advancements of biogenic iron nanoparticles in cancer theranostics. <i>Materials Letters</i> , 2022, 313, 131769.	1.3	21
11	Future aspects of biosensor-based devices in disease detection. , 2022, , 423-439.		0
12	Preparation, antibacterial activity, and electrocatalytic detection of hydrazine based on biogenic CuFeO <sub>2</sub> /PANI nanocomposites synthesized using <i>Aloe barbadensis miller</i> . <i>New Journal of Chemistry</i> , 2022, 46, 8805-8816.	1.4	30
13	Chemometric approach in environmental pollution analysis: A critical review. <i>Journal of Environmental Management</i> , 2022, 309, 114653.	3.8	14
14	Nanofortification of vitamin B-complex in food matrix: Need, regulations, and prospects. <i>Food Chemistry Molecular Sciences</i> , 2022, 4, 100100.	0.9	3
15	Phytosynthesized Magnetic Iron Oxide Nanoparticle from <i>Terminalia Chebula</i> (Harra) Seed Extract and its Sensing Application. <i>ECS Transactions</i> , 2022, 107, 20041-20048.	0.3	0
16	Bioderived Magnetic Iron Oxide Nanoparticles from Leaf Extract of <i>Argyrea Nervosa</i> for Electrochemical Biosensing of Pesticide. <i>ECS Transactions</i> , 2022, 107, 16343-16349.	0.3	1
17	Biogenic Synthesis Of Copper Oxide Nanoparticles: Characterization And Biosensing Application. <i>ECS Transactions</i> , 2022, 107, 20127-20133.	0.3	3
18	Internet of things (IoT) in nano-integrated wearable biosensor devices for healthcare applications. <i>Biosensors and Bioelectronics: X</i> , 2022, 11, 100153.	0.9	38

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19	Design and synergistic effect of nano-sized epoxy-NiCo <sub>2</sub> O <sub>4</sub> nanocomposites for anticorrosion applications. RSC Advances, 2022, 12, 14888-14901.	1.7	8
20	Plant-soil-microbes: A tripartite interaction for nutrient acquisition and better plant growth for sustainable agricultural practices. Environmental Research, 2022, 214, 113821.	3.7	81
21	Melt-quenched vanadium pentoxide-stabilized chitosan nanohybrids for efficient hydrazine detection. Materials Advances, 2021, 2, 6665-6675.	2.6	28
22	Potentialities of selenium nanoparticles in biomedical science. New Journal of Chemistry, 2021, 45, 2849-2878.	1.4	101
23	Tunable electrochemistry and efficient antibacterial activity of plant-mediated copper oxide nanoparticles synthesized by <i>Annona squamosa</i> seed extract for agricultural utility. RSC Advances, 2021, 11, 18050-18060.	1.7	60
24	Bioinspired triangular ZnO nanoclusters synthesized by <i>Argyrea nervosa</i> nascent leaf extract for the efficient electrochemical determination of vitamin C. RSC Advances, 2021, 11, 25752-25763.	1.7	40
25	Influence of the SARS-CoV-2 pandemic: a review from the climate change perspective. Environmental Sciences: Processes and Impacts, 2021, 23, 1060-1078.	1.7	31
26	Introduction to Composite Materials. , 2021, , 1-28.		5
27	Introduction to Nanomaterials. , 2021, , 1-35.		5
28	Current Scenario of Nanomaterials in the Environmental, Agricultural, and Biomedical Fields. , 2021, , 129-158.		14
29	Nanomaterials' Properties, Classification, Synthesis, and Characterization1. , 2021, , 37-68.		3
30	Nano-enabled wearable sensors for the Internet of Things (IoT). Materials Letters, 2021, 304, 130614.	1.3	45
31	Potentialities of bioinspired metal and metal oxide nanoparticles in biomedical sciences. RSC Advances, 2021, 11, 24722-24746.	1.7	88
32	Utility of Nanobiosensors in Environmental Analysis and Monitoring. Environmental Chemistry for A Sustainable World, 2021, , 229-246.	0.3	4
33	Nanobiotechnology in animal production and health. , 2021, , 185-198.		2
34	Conducting Polymer-Based Microbial Fuel Cells. , 2021, , 337-344.		1
35	Waterborne Polyurethanes for Sensors. , 2021, , 333-353.		0
36	Cerium oxide nanoparticles: properties, biosynthesis and biomedical application. RSC Advances, 2020, 10, 27194-27214.	1.7	189

#	ARTICLE	IF	CITATIONS
37	Potential applications of peptide nucleic acid in biomedical domain. Engineering Reports, 2020, 2, e12238.	0.9	31
38	Recent Applications of Magnesium Oxide (MgO) Nanoparticles in various domains. Advanced Materials Letters, 2020, 11, 1-10.	0.3	62
39	Polycystic Ovarian Syndrome Burden in Central India: A Cross-Sectional Study. Journal of Clinical Research and Reports, 2020, 4, 01-06.	0.1	0
40	Bionanomaterials for green bionanotechnology. , 0, , .		18
41	Introduction to bionanomaterials: an overview. , 0, , .		10
42	Nanomaterials in Bionanotechnology. , 0, , .		7
43	Role of biopesticides derived from bionanomaterials for enhanced food security and sustainable agriculture. , 0, , .		0
44	Introduction: potentialities of bionanomaterials towards the environmental and agricultural domain. , 0, , .		1