

# Gaurav Singh

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

146  
citations

1478505

6  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of swaging feed rate and annealing phenomena on tensile, fracture toughness and microstructural evolution of Zr-4 alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 831, 142219.	5.6	5
2	Comprehensive assessment of heavy metals contamination in soil and water in peri-urban areas of National Capital Territory, Delhi. <i>Environment Conservation Journal</i> , 2022, 23, 1-7.	0.2	1
3	Influence of texture and microstructural evolution on ductility and tensile behaviour of annealed Zircaloy-4 processed through swaging. <i>Journal of Materials Research and Technology</i> , 2022, 19, 4536-4542.	5.8	1
4	Study of dynamical status of the globular cluster NGC 1851 using ultraviolet imaging telescope. <i>Journal of Astrophysics and Astronomy</i> , 2021, 42, 1.	1.0	0
5	Heavy Metal Contamination in Soils and Crops Irrigated by Kali River in Uttar Pradesh, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 931-937.	2.7	6
6	Review on Surface Treatment for Implant Infection via Gentamicin and Antibiotic Releasing Coatings. <i>Coatings</i> , 2021, 11, 1006.	2.6	14
7	Finite Element Analysis and Experimental Evaluation of Residual Stress of Zr-4 alloys Processed through Swaging. <i>Metals</i> , 2020, 10, 1281.	2.3	19
8	Assessment of spatial and temporal variations in water quality by the application of multivariate statistical methods in the Kali River, Uttar Pradesh, India. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 394.	2.7	33
9	Tensile and Fracture Behaviour of Zr-4 Alloy Processed Through Swaging. <i>Transactions of the Indian Institute of Metals</i> , 2020, 73, 955-965.	1.5	6
10	Texture Analysis and Fracture Behavior of Zircaloy-4 Processed Through Swaging. <i>Metallography, Microstructure, and Analysis</i> , 2020, 9, 273-284.	1.0	6
11	Peculiarities in the Horizontal Branch Stars of Globular Cluster NGC 1851: Discovery of a Blue Straggler Companion to an EHB Star. <i>Astrophysical Journal</i> , 2020, 905, 44.	4.5	17
12	Nanocrystalline Cermet Coatings for Erosion&Corrosion Protection. <i>Coatings</i> , 2019, 9, 400.	2.6	10
13	Understanding the dynamical status of Galactic Globular Cluster NGC 6656. <i>Proceedings of the International Astronomical Union</i> , 2019, 14, 512-515.	0.0	0
14	Hydrochemical evaluation and identification of geochemical processes in the shallow and deep wells in the Ramganga Sub-Basin, India. <i>Environmental Science and Pollution Research</i> , 2017, 24, 21459-21475.	5.3	28
15	Hydrochemical characteristics and water quality indices&based assessment of River Kali for agricultural irrigation in northern India *. <i>Irrigation and Drainage</i> , 0, , .	1.7	0