

# Shahab Ahmed Abbasi

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

92  
citations

1478505

6  
h-index

1474206

9  
g-index

14  
all docs

14  
docs citations

14  
times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro bactericidal, antidiabetic, cytotoxic, anticoagulant, and hemolytic effect of green-synthesized silver nanoparticles using <i>Allium sativum</i> clove extract incubated at various temperatures. <i>Green Processing and Synthesis</i> , 2020, 9, 538-553.	3.4	15
2	Calibration-free laser-induced breakdown spectroscopic analysis of copper-rich mineral collected from the Gilgit-Baltistan region of Pakistan. <i>Applied Optics</i> , 2020, 59, 68.	1.8	14
3	Enhancement of optical signal and characterization of palladium plasma by magnetic field-assisted laser-induced breakdown spectroscopy. <i>Optik</i> , 2020, 224, 165746.	2.9	11
4	Analysis of an Iron-Copper Alloy by Calibration-Free Laser-Induced Breakdown Spectroscopy (CF-LIBS) and Inductively Coupled Plasma " Mass Spectrometry (ICP-MS). <i>Analytical Letters</i> , 2022, 55, 2239-2250.	1.8	9
5	Quantification of elemental composition of Granite Gneiss collected from Neelum Valley using calibration free laser-induced breakdown and energy-dispersive X-ray spectroscopy. <i>Journal of Radiation Research and Applied Sciences</i> , 2020, 13, 362-372.	1.2	7
6	A new strategy of using dielectric barrier discharge plasma in tubular geometry for surface coating and extension to biomedical application. <i>Review of Scientific Instruments</i> , 2020, 91, 073902.	1.3	6
7	Compositional Analysis of Chalcopyrite Using Calibration-Free Laser-Induced Breakdown Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6848.	2.5	6
8	Synthesis, characterization and antibacterial performance of transparent c-axis oriented Al doped ZnO thin films. <i>Surfaces and Interfaces</i> , 2021, 27, 101452.	3.0	5
9	Silver nanoparticle films by flowing gas atmospheric pulsed laser deposition and application to surface-enhanced Raman spectroscopy. <i>International Journal of Energy Research</i> , 2020, 44, 11443-11452.	4.5	4
10	Chemical Analysis of Thermoluminescent Colorless Topaz Crystal Using Laser-Induced Breakdown Spectroscopy. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 367.	2.0	4
11	Detection and Quantification of Precious Elements in Astrophyllite Mineral by Optical Spectroscopy. <i>Materials</i> , 2021, 14, 6277.	2.9	4
12	Machine learning-based calibration LIBS analysis of aluminium-based alloys. <i>European Physical Journal Plus</i> , 2022, 137, .	2.6	4
13	ANGULAR DISTRIBUTION OF TUNGSTEN MATERIAL AND ION FLUX DURING NANOSECOND PULSED LASER DEPOSITION. <i>Surface Review and Letters</i> , 2016, 23, 1650004.	1.1	3
14	Measurement of age-dependent radiation ingestion doses due to gross alpha and gross beta exposure from medicinal plants. <i>Isotopes in Environmental and Health Studies</i> , 2022, , 1-14.	1.0	0