

Shaan Bibi Jaffri

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

670
citations

567144

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h-index

580701

25
g-index

31
all docs

31
docs citations

31
times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytosynthetic Ag doped ZnO nanoparticles: Semiconducting green remediators. Open Chemistry, 2018, 16, 556-570.	1.0	92
2	Augmented photocatalytic, antibacterial and antifungal activity of prunosynthetic silver nanoparticles. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 127-137.	1.9	78
3	Neoteric environmental detoxification of organic pollutants and pathogenic microbes via green synthesized ZnO nanoparticles. Environmental Technology (United Kingdom), 2019, 40, 3745-3761.	1.2	47
4	Synthesis, characterization and electrochemical investigation of physical vapor deposited barium sulphide doped iron sulphide dithiocarbamate thin films. Microelectronic Engineering, 2020, 233, 111400.	1.1	39
5	Biomimetic [MoO ₃ @ZnO] semiconducting nanocomposites: Chemo-proportional fabrication, characterization and energy storage potential exploration. Renewable Energy, 2021, 167, 568-579.	4.3	39
6	<i>Prunus cerasifera</i> Ehrh. fabricated ZnO nano falcates and its photocatalytic and dose dependent <i>in vitro</i> bio-activity. Open Chemistry, 2018, 16, 141-154.	1.0	38
7	Interfacial engineering revolutionizers: perovskite nanocrystals and quantum dots accentuated performance enhancement in perovskite solar cells. Critical Reviews in Solid State and Materials Sciences, 2021, 46, 251-279.	6.8	35
8	Foliar-mediated Ag:ZnO nanophotocatalysts: green synthesis, characterization, pollutants degradation, and <i>in vitro</i> biocidal activity. Green Processing and Synthesis, 2019, 8, 172-182.	1.3	30
9	Biomimetic detoxifier <i>Prunus cerasifera</i> Ehrh. silver nanoparticles: innate green bullets for moribific pathogens and persistent pollutants. Environmental Science and Pollution Research, 2020, 27, 9669-9685.	2.7	29
10	Phytofunctionalized silver nanoparticles: green biomaterial for biomedical and environmental applications. Reviews in Inorganic Chemistry, 2018, 38, 127-149.	1.8	28
11	Systematic review elucidating the generations and classifications of solar cells contributing towards environmental sustainability integration. Reviews in Inorganic Chemistry, 2021, 41, 21-39.	1.8	20
12	Physical vapor deposition of SnS:PbS-dithiocarbamate chalcogenide semiconductor thin films: elucidation of optoelectronic and electrochemical features. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 36-46.	0.8	19
13	Carpogenic ZnO nanoparticles: amplified nanophotocatalytic and antimicrobial action. IET Nanobiotechnology, 2019, 13, 150-159.	1.9	19
14	Mycological assisted phytoremediation enhancement of bioenergy crops <i>Zea mays</i> and <i>Helianthus annuus</i> in heavy metal contaminated lithospheric zone. Soil and Sediment Contamination, 2019, 28, 411-430.	1.1	18
15	Recent developments in carbon nanotubes-based perovskite solar cells with boosted efficiency and stability. Zeitschrift Fur Physikalische Chemie, 2021, 235, 1539-1572.	1.4	18
16	Semi-conducting Ni/Zn nano-hybrids™ driven efficient electro-catalytic performance: fabrication, characterization, and electrochemical features™ elucidation. Green Chemistry Letters and Reviews, 2021, 14, 286-301.	2.1	18
17	Doped antimony chalcogenide semiconductor thin films fabrication by physical vapour deposition: elucidation of optoelectronic and electrochemical features. Canadian Metallurgical Quarterly, 2022, 61, 145-154.	0.4	16
18	Chemosynthesis and physical vapor deposition of acanthite thin films: Characterization and electrochemistry explorationwe. Results in Physics, 2020, 19, 103647.	2.0	15

#	ARTICLE	IF	CITATIONS
19	<i>Helianthus annuus</i> based biodiesel production from seed oil garnered from a phytoremediated terrain. International Journal of Ambient Energy, 2022, 43, 1763-1771.	1.4	12
20	Physical Vapor Deposited [Co:Cd-(dte)2]/SnO2 Dual Semiconductor Systems: Synthesis, Characterization and Photo-Electrochemistry. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 2579-2593.	1.9	11
21	Newfangled progressions in the charge transport layers impacting the stability and efficiency of perovskite solar cells. Reviews in Inorganic Chemistry, 2022, 42, 137-159.	1.8	8
22	Sustainable management of <i>Mangifera indica</i> pre- and post-harvest diseases mediated by botanical extracts via foliar and fruit application. Journal of Plant Diseases and Protection, 2019, 126, 367-372.	1.6	6
23	Developmental abnormality caused by <i>Fusarium mangiferae</i> in mango fruit explored via molecular characterization. Biologia (Poland), 2020, 75, 465-473.	0.8	6
24	Congruously designed eco-curative integrated farming model designing and employment for sustainable encompassments. Environmental Science and Pollution Research, 2020, 27, 19543-19560.	2.7	6
25	Cr2S3(Et2DTC) complex and [Cr2S3-MoS2(Et2DTC)] bilayer thin films: single source stationed fabrication, compositional, optical, microstructural and electrochemical investigation. Environmental Technology (United Kingdom), 2021, 42, 444-458.	1.2	6
26	Molecular characterization of <i>Fusarium solani</i> and <i>Fusarium oxysporum</i> phyto-pathogens causing mango maturity malconformation. Archives of Phytopathology and Plant Protection, 2021, 54, 1372-1390.	0.6	6
27	Role of renewable energy and nanotechnology in sustainable desalination of water: mini review. International Journal of Environmental Analytical Chemistry, 2022, 102, 7700-7719.	1.8	3
28	Multi-functional bio-sorbents triggered sustainable detoxification of eco-contaminants besmirched hydrospheric swatches. International Journal of Environmental Analytical Chemistry, 2022, 102, 3931-3946.	1.8	3
29	Pedospheric environmental forensics aspects. , 2019, , 39-59.		2
30	Variegated Pedospheric Matrices Based Pyrzoale Fungicide Chemico-physical and Biological Degradation Elucidation. Soil and Sediment Contamination, 2021, 30, 998-1024.	1.1	2
31	Biotechnological tools based lithospheric management of toxic Pyrethroid pesticides: a critical evaluation. International Journal of Environmental Analytical Chemistry, 2020, , 1-24.	1.8	1