

Sumaira Anjum

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,255
citations

471509

17
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

1157
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-Assisted Synthesis and Characterization of Zinc Oxide Nanoparticles from <i>Lepidium sativum</i> and Their Potent Antioxidant, Antibacterial and Anticancer Activities. <i>Biomolecules</i> , 2022, 12, 855.	4.0	16
2	Green and chemically synthesized zinc oxide nanoparticles: effects on <i>in-vitro</i> seedlings and callus cultures of <i>Silybum marianum</i> and evaluation of their antimicrobial and anticancer potential. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 450-460.	2.8	12
3	Nano-Elicitation as an Effective and Emerging Strategy for In Vitro Production of Industrially Important Flavonoids. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1694.	2.5	28
4	Emerging Applications of Nanotechnology in Healthcare Systems: Grand Challenges and Perspectives. <i>Pharmaceuticals</i> , 2021, 14, 707.	3.8	68
5	Comparative Effects of Different Light Sources on the Production of Key Secondary Metabolites in Plants In Vitro Cultures. <i>Plants</i> , 2021, 10, 1521.	3.5	38
6	Recent Advances in Zinc Oxide Nanoparticles (ZnO NPs) for Cancer Diagnosis, Target Drug Delivery, and Treatment. <i>Cancers</i> , 2021, 13, 4570.	3.7	165
7	Melatonin as Master Regulator in Plant Growth, Development and Stress Alleviator for Sustainable Agricultural Production: Current Status and Future Perspectives. <i>Sustainability</i> , 2021, 13, 294.	3.2	75
8	Light Tailoring: Impact of UV-C Irradiation on Biosynthesis, Physiognomies, and Clinical Activities of <i>Morus macrourea</i> -Mediated Monometallic (Ag and ZnO) and Bimetallic (Ag@ZnO) Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11294.	4.1	12
9	Production of Antidiabetic Lignans in Flax Cell Cultures. , 2021, , 383-407.		1
10	Effect of UV Irradiation (A and C) on <i>Casuarina equisetifolia</i> -Mediated Biosynthesis and Characterization of Antimicrobial and Anticancer Activity of Biocompatible Zinc Oxide Nanoparticles. <i>Pharmaceutics</i> , 2021, 13, 1977.	4.5	18
11	An Insight into the Algal Evolution and Genomics. <i>Biomolecules</i> , 2020, 10, 1524.	4.0	7
12	An Overview of the Algae-Mediated Biosynthesis of Nanoparticles and Their Biomedical Applications. <i>Biomolecules</i> , 2020, 10, 1498.	4.0	146
13	Interactive Effects of Wide-Spectrum Monochromatic Lights on Phytochemical Production, Antioxidant and Biological Activities of <i>Solanum xanthocarpum</i> Callus Cultures. <i>Molecules</i> , 2020, 25, 2201.	3.8	31
14	Effects of Biogenic Zinc Oxide Nanoparticles on Growth and Oxidative Stress Response in Flax Seedlings vs. In Vitro Cultures: A Comparative Analysis. <i>Biomolecules</i> , 2020, 10, 918.	4.0	35
15	An Overview of the Applications of Nanomaterials and Nanodevices in the Food Industry. <i>Foods</i> , 2020, 9, 148.	4.3	136
16	Synthesis of bio-mediated silver nanoparticles from <i>Silybum marianum</i> and their biological and clinical activities. <i>Materials Science and Engineering C</i> , 2020, 112, 110889.	7.3	79
17	Feasible Production of Lignans and Neolignans in Root-Derived In Vitro Cultures of Flax (<i>Linum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.5	12
18	Applications of Nanomaterials in Leishmaniasis: A Focus on Recent Advances and Challenges. <i>Nanomaterials</i> , 2019, 9, 1749.	4.1	63

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19	Advances in nanomaterials as novel elicitors of pharmacologically active plant specialized metabolites: current status and future outlooks. RSC Advances, 2019, 9, 40404-40423.	3.6	75
20	Effects of photoperiod regimes and ultraviolet-C radiations on biosynthesis of industrially important lignans and neolignans in cell cultures of <i>Linum usitatissimum</i> L. (Flax). Journal of Photochemistry and Photobiology B: Biology, 2017, 167, 216-227.	3.8	39
21	Differential effects of in vitro cultures of <i>Linum usitatissimum</i> L. (Flax) on biosynthesis, stability, antibacterial and antileishmanial activities of zinc oxide nanoparticles: a mechanistic approach. RSC Advances, 2017, 7, 15931-15943.	3.6	38
22	Trends in accumulation of pharmacologically important antioxidant-secondary metabolites in callus cultures of <i>Linum usitatissimum</i> L.. Plant Cell, Tissue and Organ Culture, 2017, 129, 73-87.	2.3	39
23	Thidiazuron-enhanced biosynthesis and antimicrobial efficacy of silver nanoparticles via improving phytochemical reducing potential in callus culture of <i>Linum usitatissimum</i> L.. International Journal of Nanomedicine, 2016, 11, 715.	6.7	39
24	Biomimetic synthesis of antimicrobial silver nanoparticles using in vitro-propagated plantlets of a medicinally important endangered species: <i>Phlomis bracteosa</i> . International Journal of Nanomedicine, 2016, 11, 1663.	6.7	18
25	Synergistic Effects of Drought Stress and Photoperiods on Phenology and Secondary Metabolism of <i>Silybum marianum</i> . Applied Biochemistry and Biotechnology, 2014, 174, 693-707.	2.9	63