

# Uttpal Anand

## List of Publications by Year in Descending Order

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**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35 papers	576 citations	13 h-index	23 g-index
42 ext. papers	1,192 ext. citations	7.1 avg, IF	4.83 L-index

#	Paper	IF	Citations
35	Unravelling the multi-faceted regulatory role of polyamines in plant biotechnology, transgenics and secondary metabolomics.. <i>Applied Microbiology and Biotechnology</i> , <b>2022</b> , 106, 905	5.7	2
34	Safer plant-based nanoparticles for combating antibiotic resistance in bacteria: A comprehensive review on its potential applications, recent advances, and future perspective.. <i>Science of the Total Environment</i> , <b>2022</b> , 821, 153472	10.2	4
33	Ethnodermatological use of medicinal plants in India: From ayurvedic formulations to clinical perspectives - A review. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 284, 114744	5	13
32	SARS-CoV-2 and other pathogens in municipal wastewater, landfill leachate, and solid waste: A review about virus surveillance, infectivity, and inactivation. <i>Environmental Research</i> , <b>2022</b> , 203, 111839	7.9	14
31	Biotechnology for propagation and secondary metabolite production in <i>Bacopa monnieri</i> .. <i>Applied Microbiology and Biotechnology</i> , <b>2022</b> , 106, 1837	5.7	0
30	Cancer chemotherapy and beyond: Current status, drug candidates, associated risks and progress in targeted therapeutics. <i>Genes and Diseases</i> , <b>2022</b> ,	6.6	11
29	Recent advances in the potential applications of luminescence-based, SPR-based, and carbon-based biosensors.. <i>Applied Microbiology and Biotechnology</i> , <b>2022</b> , 1	5.7	1
28	Cytokinins: A Genetic Target for Increasing Yield Potential in the CRISPR Era.. <i>Frontiers in Genetics</i> , <b>2022</b> , 13, 883930	4.5	2
27	Phytotherapy for Attention Deficit Hyperactivity Disorder (ADHD): A Systematic Review and Meta-analysis.. <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 827411	5.6	1
26	Unravelling the promise and limitations of CRISPR/Cas system in natural product research: Approaches and challenges. <i>Biotechnology Journal</i> , <b>2021</b> , e2100507	5.6	1
25	Dioscin: A review on pharmacological properties and therapeutic values.. <i>BioFactors</i> , <b>2021</b> ,	6.1	4
24	Combating Drug-Resistant Bacteria Using Photothermally Active Nanomaterials: A Perspective Review. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 747019	5.7	12
23	Anticancer Applications and Pharmacological Properties of Piperidine and Piperine: A Comprehensive Review on Molecular Mechanisms and Therapeutic Perspectives.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 772418	5.6	3
22	Podophyllum hexandrum and its active constituents: Novel radioprotectants.. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 146, 112555	7.5	1
21	Adverse Effects of Metformin From Diabetes to COVID-19, Cancer, Neurodegenerative Diseases, and Aging: Is VDAC1 a Common Target?. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 730048	4.6	10
20	The Potential Role of Cytokines and Growth Factors in the Pathogenesis of Alzheimer's Disease. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
19	Neoechinulins: Molecular, cellular, and functional attributes as promising therapeutics against cancer and other human diseases. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 145, 112378	7.5	4

18	Novel CRISPR-Cas Systems: An Updated Review of the Current Achievements, Applications, and Future Research Perspectives. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	28
17	Therapeutic strategies to overcome taxane resistance in cancer. <i>Drug Resistance Updates</i> , <b>2021</b> , 55, 1007542	5.4	27
16	Potential Environmental and Human Health Risks Caused by Antibiotic-Resistant Bacteria (ARB), Antibiotic Resistance Genes (ARGs) and Emerging Contaminants (ECs) from Municipal Solid Waste (MSW) Landfill. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	11
15	A review of the presence of SARS-CoV-2 RNA in wastewater and airborne particulates and its use for virus spreading surveillance. <i>Environmental Research</i> , <b>2021</b> , 196, 110929	7.9	25
14	Environmental survival of SARS-CoV-2 - A solid waste perspective. <i>Environmental Research</i> , <b>2021</b> , 197, 111015	7.9	11
13	Potential Therapeutic Targets and Vaccine Development for SARS-CoV-2/COVID-19 Pandemic Management: A Review on the Recent Update. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 658519	8.4	24
12	Novel coronavirus disease 2019 (COVID-19) pandemic: From transmission to control with an interdisciplinary vision. <i>Environmental Research</i> , <b>2021</b> , 197, 111126	7.9	31
11	Exploring Phytochemicals for Combating Antibiotic Resistance in Microbial Pathogens. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 720726	5.6	24
10	Advancing urban ethnopharmacology: a modern concept of sustainability, conservation and cross-cultural adaptations of medicinal plant lore in the urban environment <b>2021</b> , 9, coab073		7
9	Bacosides from <i>Bacopa monnieri</i> extract: An overview of the effects on neurological disorders. <i>Phytotherapy Research</i> , <b>2021</b> , 35, 5668-5679	6.7	17
8	SARS-CoV-2 and other viruses in soil: An environmental outlook. <i>Environmental Research</i> , <b>2021</b> , 198, 111297	7.9	12
7	Wonder or evil?: Multifaceted health hazards and health benefits of and its phytochemicals. <i>Saudi Journal of Biological Sciences</i> , <b>2021</b> , 28, 7290-7313	4	11
6	Herbal drugs and natural bioactive products as potential therapeutics: A review on pro-cognitives and brain boosters perspectives. <i>Saudi Pharmaceutical Journal</i> , <b>2021</b> , 29, 879-907	4.4	13
5	Statistical optimization of in vitro callus induction of wild and cultivated varieties of <i>Mucuna pruriens</i> L. (DC.) using response surface methodology and assessment of L-Dopa biosynthesis. <i>Industrial Crops and Products</i> , <b>2021</b> , 169, 113626	5.9	8
4	<i>Withania somnifera</i> (L.) Dunal (Ashwagandha): A comprehensive review on ethnopharmacology, pharmacotherapeutics, biomedicinal and toxicological aspects. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 143, 112175	7.5	15
3	Phenolic Composition, Antioxidant Capacity and Antibacterial Activity of White Wormwood (). <i>Plants</i> , <b>2021</b> , 10,	4.5	14
2	A review on antimicrobial botanicals, phytochemicals and natural resistance modifying agents from Apocynaceae family: Possible therapeutic approaches against multidrug resistance in pathogenic microorganisms. <i>Drug Resistance Updates</i> , <b>2020</b> , 51, 100695	23.2	34
1	A Comprehensive Review on Medicinal Plants as Antimicrobial Therapeutics: Potential Avenues of Biocompatible Drug Discovery. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	170

