

# Uttpal Anand

## List of Publications by Citations

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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	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
34	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
33	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
32	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
31	Therapeutic strategies to overcome taxane resistance in cancer. <i>Drug Resistance Updates</i> , <b>2021</b> , 55, 100754	25.2	27
30	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
29	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
28	Exploring Phytochemicals for Combating Antibiotic Resistance in Microbial Pathogens. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 720726	5.6	24
27	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
26	<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
25	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
24	Phenolic Composition, Antioxidant Capacity and Antibacterial Activity of White Wormwood (). <i>Plants</i> , <b>2021</b> , 10,	4.5	14
23	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
22	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
21	Combating Drug-Resistant Bacteria Using Photothermally Active Nanomaterials: A Perspective Review. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 747019	5.7	12
20	SARS-CoV-2 and other viruses in soil: An environmental outlook. <i>Environmental Research</i> , <b>2021</b> , 198, 111297	7.9	12
19	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

18	Environmental survival of SARS-CoV-2 - A solid waste perspective. <i>Environmental Research</i> , <b>2021</b> , 197, 111015	7.9	11
17	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
16	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
15	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
14	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
13	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
12	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
11	Dioscin: A review on pharmacological properties and therapeutic values.. <i>BioFactors</i> , <b>2021</b> ,	6.1	4
10	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
9	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
8	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
7	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
6	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
5	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
4	Podophyllum hexandrum and its active constituents: Novel radioprotectants.. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 146, 112555	7.5	1
3	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
2	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
1	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

