

# Devesh Tewari

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

3,551  
citations

172457

29  
h-index

155660

55  
g-index

90  
all docs

90  
docs citations

90  
times ranked

4399  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural products targeting the PI3K-Akt-mTOR signaling pathway in cancer: A novel therapeutic strategy. <i>Seminars in Cancer Biology</i> , 2022, 80, 1-17.	9.6	270
2	Oligonucleotide therapy: An emerging focus area for drug delivery in chronic inflammatory respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019, 308, 206-215.	4.0	234
3	Berberine in Cardiovascular and Metabolic Diseases: From Mechanisms to Therapeutics. <i>Theranostics</i> , 2019, 9, 1923-1951.	10.0	232
4	Curcumin, the golden spice in treating cardiovascular diseases. <i>Biotechnology Advances</i> , 2020, 38, 107343.	11.7	207
5	Review on Nanoparticles and Nanostructured Materials: Bioimaging, Biosensing, Drug Delivery, Tissue Engineering, Antimicrobial, and Agro-Food Applications. <i>Nanomaterials</i> , 2022, 12, 457.	4.1	200
6	Nanoparticles and its biomedical applications in health and diseases: special focus on drug delivery. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19151-19168.	5.3	198
7	Targeting activator protein 1 signaling pathway by bioactive natural agents: Possible therapeutic strategy for cancer prevention and intervention. <i>Pharmacological Research</i> , 2018, 128, 366-375.	7.1	167
8	Natural product-based nanomedicines for wound healing purposes: therapeutic targets and drug delivery systems. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5023-5043.	6.7	139
9	The role of flavonoids in autoimmune diseases: Therapeutic updates. , 2019, 194, 107-131.		113
10	Molecular Mechanisms of ER Stress and UPR in the Pathogenesis of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2020, 57, 2902-2919.	4.0	101
11	Circadian and sleep dysfunction in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2020, 60, 101046.	10.9	99
12	Ethnopharmacological Approaches for Dementia Therapy and Significance of Natural Products and Herbal Drugs. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 3.	3.4	93
13	Epigenetics of glioblastoma multiforme: From molecular mechanisms to therapeutic approaches. <i>Seminars in Cancer Biology</i> , 2022, 83, 100-120.	9.6	85
14	Vascular smooth muscle cell proliferation as a therapeutic target. Part 1: molecular targets and pathways. <i>Biotechnology Advances</i> , 2018, 36, 1586-1607.	11.7	78
15	Emerging signal regulating potential of small molecule biflavonoids to combat neuropathological insults of Alzheimer's disease. <i>Science of the Total Environment</i> , 2020, 700, 134836.	8.0	67
16	Anthocyanins in the Management of Metabolic Syndrome: A Pharmacological and Biopharmaceutical Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 1310.	3.5	65
17	Adverse drug reactions of anticancer drugs derived from natural sources. <i>Food and Chemical Toxicology</i> , 2019, 123, 522-535.	3.6	65
18	Down syndrome: Neurobiological alterations and therapeutic targets. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 234-255.	6.1	63

#	ARTICLE	IF	CITATIONS
19	Big impact of nanoparticles: analysis of the most cited nanopharmaceuticals and nanonutraceuticals research. <i>Current Research in Biotechnology</i> , 2020, 2, 53-63.	3.7	63
20	Role of Nitric Oxide in Neurodegeneration: Function, Regulation, and Inhibition. <i>Current Neuropharmacology</i> , 2020, 19, 114-126.	2.9	58
21	Phosphodiesterase inhibitors say NO to Alzheimer's disease. <i>Food and Chemical Toxicology</i> , 2019, 134, 110822.	3.6	52
22	Revisiting the role of brain and peripheral A $\beta$ 2 in the pathogenesis of Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2020, 416, 116974.	0.6	48
23	Natural products, PGC-1, and Duchenne muscular dystrophy. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 734-745.	12.0	48
24	Targeting BDNF signaling by natural products: Novel synaptic repair therapeutics for neurodegeneration and behavior disorders. <i>Pharmacological Research</i> , 2019, 148, 104458.	7.1	47
25	Modified apple polysaccharide capped gold nanoparticles for oral delivery of insulin. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 976-988.	7.5	45
26	Xanthohumol for Human Malignancies: Chemistry, Pharmacokinetics and Molecular Targets. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4478.	4.1	44
27	Curcumin as a Natural Remedy for Atherosclerosis: A Pharmacological Review. <i>Molecules</i> , 2021, 26, 4036.	3.8	42
28	Targeting the crosstalk between canonical Wnt/ $\beta$ -catenin and inflammatory signaling cascades: A novel strategy for cancer prevention and therapy. , 2021, 227, 107876.		41
29	Vascular smooth muscle cell proliferation as a therapeutic target. Part 2: Natural products inhibiting proliferation. <i>Biotechnology Advances</i> , 2018, 36, 1608-1621.	11.7	38
30	Medicinal Plants and Natural Products Used in Cataract Management. <i>Frontiers in Pharmacology</i> , 2019, 10, 466.	3.5	38
31	An update on dietary consideration in inflammatory bowel disease: anthocyanins and more. <i>Expert Review of Gastroenterology and Hepatology</i> , 2018, 12, 1007-1024.	3.0	35
32	Ethnopharmacological Approaches for Therapy of Jaundice: Part II. Highly Used Plant Species from Acanthaceae, Euphorbiaceae, Asteraceae, Combretaceae, and Fabaceae Families. <i>Frontiers in Pharmacology</i> , 2017, 8, 519.	3.5	27
33	Antiolithiatic Activity of <i>Daucus carota</i> : An In vitro Study. <i>Pharmacognosy Journal</i> , 2018, 10, 880-884.	0.8	26
34	Phytochemical analysis and antioxidant profile of methanolic extract of seed, pulp and peel of <i>Baccaurea ramiflora</i> Lour.. <i>Asian Pacific Journal of Tropical Medicine</i> , 2018, 11, 443.	0.8	25
35	Targeting ERK signaling pathway by polyphenols as novel therapeutic strategy for neurodegeneration. <i>Food and Chemical Toxicology</i> , 2018, 120, 183-195.	3.6	24
36	Ethnopharmacological Approaches for Therapy of Jaundice: Part I. <i>Frontiers in Pharmacology</i> , 2017, 8, 518.	3.5	23

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37	Fenugreek ( <i>Trigonella foenum-graecum</i> L.) Seeds Dietary Supplementation Regulates Liver Antioxidant Defense Systems in Aging Mice. <i>Nutrients</i> , 2020, 12, 2552.	4.1	22
38	<i>Withania somnifera</i> (L.) Dunal: Phytochemistry, structure-activity relationship, and anticancer potential. <i>Phytomedicine</i> , 2022, 98, 153949.	5.3	21
39	Ayurveda Rasayana as antivirals and immunomodulators: potential applications in COVID-19. <i>Environmental Science and Pollution Research</i> , 2021, 28, 55925-55951.	5.3	20
40	Cardiovascular protective effect of black pepper ( <i>Piper nigrum</i> L.) and its major bioactive constituent piperine. <i>Trends in Food Science and Technology</i> , 2021, 117, 34-45.	15.1	18
41	Emerging Therapeutic Promise of Ketogenic Diet to Attenuate Neuropathological Alterations in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2020, 57, 4961-4977.	4.0	16
42	Phenolic Profiling, Antioxidants, Multivariate, and Enzyme Inhibitory Properties of Wild Himalayan Fig ( <i>Ficus palmata</i> Forssk.): A Potential Candidate for Designing Innovative Nutraceuticals and Related Products. <i>Analytical Letters</i> , 2021, 54, 1439-1456.	1.8	16
43	Targeting transforming growth factor- $\beta$ signalling for cancer prevention and intervention: Recent advances in developing small molecules of natural origin. <i>Clinical and Translational Medicine</i> , 2022, 12, e795.	4.0	16
44	Marine Algae: A Potential Resource of Anti-HSV Molecules. <i>Processes</i> , 2019, 7, 887.	2.8	15
45	Structural characterization of Himalayan black rock salt by SEM, XRD and in-vitro antioxidant activity. <i>Science of the Total Environment</i> , 2020, 748, 141269.	8.0	15
46	The evidence of health benefits and food applications of <i>Thymus vulgaris</i> L.. <i>Trends in Food Science and Technology</i> , 2021, 117, 218-227.	15.1	15
47	Anticalcifying effect of <i>Daucus carota</i> in experimental urolithiasis in Wistar rats. <i>Journal of Ayurveda and Integrative Medicine</i> , 2020, 11, 308-315.	1.7	14
48	Targeting Mitogen-Activated Protein Kinases by Natural Products: A Novel Therapeutic Approach for Inflammatory Bowel Diseases. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 1342-1353.	1.6	14
49	Reactive oxygen species modulators in pulmonary medicine. <i>Current Opinion in Pharmacology</i> , 2021, 57, 157-164.	3.5	11
50	Ethnopharmacological Applications Targeting Alcohol Abuse: Overview and Outlook. <i>Frontiers in Pharmacology</i> , 2019, 10, 1593.	3.5	10
51	Harnessing polyphenol power by targeting eNOS for vascular diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 2093-2118.	10.3	10
52	Urolithiasis: An Update on Diagnostic Modalities and Treatment Protocols. <i>Indian Journal of Pharmaceutical Sciences</i> , 2017, 79, .	1.0	9
53	Phytochemical, Antioxidant and Antidepressant Evaluation of <i>Ocimum basilicum</i> , <i>O. tenuiflorum</i> , <i>O. kilimandscharicum</i> Grown in India. <i>Journal of Biologically Active Products From Nature</i> , 2015, 5, 120-131.	0.3	8
54	Phytochemical Screening and Antioxidant Profile of <i>Syngonium podophyllum</i> Schott Stems: A Fecund Phytopharmakon. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , 2018, 8, 120-128.	0.4	8

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55	Evaluation of Acute toxicity, In-vitro, In-vivo Antidiabetic Potential of the Flavonoid Fraction of the plant <i>Chenopodium album</i> L. <i>Pharmacognosy Journal</i> , 2021, 13, 765-779.	0.8	7
56	Pharmacognostical Evaluation and HPTLC Fingerprinting Identification of <i>Ficus palmata</i> Forssk. (Bedu) from Western Himalaya. <i>Current Bioactive Compounds</i> , 2018, 14, 180-190.	0.5	6
57	Plant-derived Glycosides with $\alpha$ -Glucosidase Inhibitory Activity: Current Standing and Future Prospects. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 391-401.	1.2	6
58	Editorial: Ethnopharmacology in Central and Eastern Europe in the Context of Global Research Developments. <i>Frontiers in Pharmacology</i> , 2019, 10, 341.	3.5	5
59	Neuroplasticity and environment: A pharmacotherapeutic approach toward preclinical and clinical understanding. <i>Current Opinion in Environmental Science and Health</i> , 2021, 19, 100210.	4.1	5
60	Pharmacognostical Standardization of Upodika- <i>Basella alba</i> L.: An Important Ayurvedic Antidiabetic Plant. <i>Ancient Science of Life: Journal of International Institute of Ayurveda</i> , 2016, 36, 35.	0.3	5
61	Chemical Composition of <i>Angelica glauca</i> Roots Volatile Oil from Indian Himalayan Region by GC-MS. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2018, 21, 1636-1641.	1.9	4
62	<i>Borage (Borago officinalis L.)</i> , 2019, , 165-170.		4
63	Genetic Diversity of Scanty Available Himalayan <i>Saussurea obvallata</i> (DC.) Edgew.. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 587-594.	1.5	4
64	Himalayan <i>Ficus palmata</i> L. Fruit Extract Showed In Vivo Central and Peripheral Analgesic Activity Involving COX-2 and Mu Opioid Receptors. <i>Plants</i> , 2021, 10, 1685.	3.5	4
65	Analyzing the Impact of Soft, Stimulating and Depressing Songs on Attention Among Undergraduate Students: A Cross-Sectional Pilot Study in Bangladesh. <i>Frontiers in Psychology</i> , 2019, 10, 161.	2.1	3
66	Assesment of non-timber Brahma Kamal ( <i>Saussurea obvallata</i> (DC.) Edgew.), an important Himalayan medicinal plant: Ethnomedicinal, phytochemical and pharmacological overview. <i>Ethnobotany Research and Applications</i> , 2020, 19, .	0.6	3
67	Ethnobotanical investigations on plants used in folk medicine by native people of Kumaun Himalayan Region of India. <i>Ethnobotany Research and Applications</i> , 2020, 20, .	0.6	3
68	Microscopical and Preliminary Physicochemical Studies of Two Important Endangered Ayurvedic Medicinal Plants Kutki and Trayamana to establish their Identity. <i>Journal of Drug Research in Ayurvedic Sciences</i> , 2017, 2, 18-22.	0.1	3
69	Comparative Volatile Oil Composition of Three <i>Ocimum</i> Species from Western Himalaya. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 1487-1494.	1.9	2
70	Excavating the antiurolithiatic potential of wild himalayan cherry through in vitro and preclinical investigations. <i>South African Journal of Botany</i> , 2021, , .	2.5	2
71	Ameliorative potential of <i>Operculina turpethum</i> against streptozotocin-induced diabetes in rats: biochemical and histopathological studies. <i>3 Biotech</i> , 2021, 11, 309.	2.2	2
72	Epidemiologic profile and outcome of primary pediatric brain tumors in Iran: retrospective study and literature review. <i>Child's Nervous System</i> , 2022, 38, 353-360.	1.1	2

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73	Pharmacognostical Evaluation of <i>Rhododendron arboreum</i> Sm. from Uttarakhand. <i>Pharmacognosy Journal</i> , 2018, 10, 527-532.	0.8	2
74	HPTLC Fingerprinting of <i>Swertia chirayita</i> (Roxb. ex Fleming) Karsten from High Altitude Area of Western Himalaya. <i>Analytical Chemistry Letters</i> , 2015, 5, 251-259.	1.0	1
75	Pharmacognostical, Phytochemical and Nutritional Evaluation of <i>Glinus oppositifolius</i> (L.) Aug. DC. <i>Pharmacognosy Journal</i> , 2015, 8, 31-36.	0.8	1
76	Pharmacognostical Standardization of Goraksha pods: an important Nutritive and antidiabetic Plant. <i>Pharmacognosy Journal</i> , 2016, 8, 424-429.	0.8	1
77	Relation of Food Additives with Adverse Health Effects. , 2020, , 269-283.		1
78	Drug-induced hepatotoxicity. , 2021, , 141-157.		0
79	<i>Galanthus nivalis</i> L. (snowdrop). , 2021, , 301-315.		0
80	Conservation of Botanical Biodiversity of Medicinal Value: An Anthology of CCRAS Contribution. <i>Journal of Drug Research in Ayurvedic Sciences</i> , 2017, 2, 247-266.	0.1	0
81	Botanical Nootropics in Ayurveda: Potential Leads for Pharmacological Neurocognitive Enhancement and Drug Development. <i>Journal of Drug Research in Ayurvedic Sciences</i> , 2017, 2, 81-90.	0.1	0
82	Pharmacognostical and Histochemical Studies on Apakva Kadali (Unripe Banana Fruit). <i>Journal of Drug Research in Ayurvedic Sciences</i> , 2017, 2, 10-17.	0.1	0
83	Pseudovirus Neutralization Assay for SARS-CoV-2. , 2021, , 315-336.		0
84	Quantification of the SARS-CoV-2 RNA in Tissues by Quantitative Real Time-PCR. , 2021, , 273-300.		0
85	Editorial: Opportunities and Challenges for Drug Discovery From Natural Products in Pharmacotherapy of Neurological Disorders. <i>Frontiers in Neuroscience</i> , 2022, 16, .	2.8	0
86	Antioxidants and cataracts/age-related macular degeneration. , 2022, , 641-650.		0