

# Abhay Kumar Pandey

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

5,309  
citations

172207

29  
h-index

182168

51  
g-index

76  
all docs

76  
docs citations

76  
times ranked

7833  
citing authors

#	ARTICLE	IF	CITATIONS
1	Jackfruit ( <i>Artocarpus heterophyllus</i> Lam.) in health and disease: a critical review. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 6344-6378.	5.4	4
2	Health-promoting and disease-mitigating potential of <i>Verbascum thapsus</i> L. (Common mullein): A review. <i>Phytotherapy Research</i> , 2022, 36, 1507-1522.	2.8	6
3	Baicalin provides protection against fluoxetine-induced hepatotoxicity by modulation of oxidative stress and inflammation. <i>World Journal of Hepatology</i> , 2022, 14, 729-743.	0.8	19
4	The oxidative stress: Causes, free radicals, targets, mechanisms, affected organs, effects, indicators. , 2022, , 33-42.		0
5	Recent Updates on the Pharmacological Potential of Plant-based Rutin. <i>Current Nutraceuticals</i> , 2022, 3, .	0.1	1
6	Role of baicalin as a potential therapeutic agent in hepatobiliary and gastrointestinal disorders: A review. <i>World Journal of Gastroenterology</i> , 2022, 28, 3047-3062.	1.4	22
7	Antioxidant, anti-inflammatory and hepatoprotective activities of <i>Terminalia bellirica</i> and its bioactive component ellagic acid against diclofenac induced oxidative stress and hepatotoxicity. <i>Toxicology Reports</i> , 2021, 8, 44-52.	1.6	55
8	Characterization of phytochemicals and validation of antioxidant and anticancer activity in some Indian polyherbal ayurvedic products. <i>Vegetos</i> , 2021, 34, 286-299.	0.8	16
9	Neuroprotective Potential of Ellagic Acid: A Critical Review. <i>Advances in Nutrition</i> , 2021, 12, 1211-1238.	2.9	68
10	Evaluation of antidiabetic activity of dietary phenolic compound chlorogenic acid in streptozotocin induced diabetic rats: Molecular docking, molecular dynamics, in silico toxicity, in vitro and in vivo studies. <i>Computers in Biology and Medicine</i> , 2021, 134, 104462.	3.9	32
11	Polyphenols and the microbiota: A challenge in mitochondrial therapy. , 2021, , 541-555.		0
12	Nanomaterial Interaction and Cellular Damage: Involvement of Various Signalling Pathways. <i>Nanotechnology in the Life Sciences</i> , 2021, , 431-448.	0.4	0
13	Ferulic acid-mediated modulation of apoptotic signaling pathways in cancer. <i>Advances in Protein Chemistry and Structural Biology</i> , 2021, 125, 215-257.	1.0	34
14	Therapeutic Role of Green Tea in Obesity and Cancer. , 2021, , 143-161.		1
15	Editorial: Combating Redox Imbalance-Associated Complications With Natural Products. <i>Frontiers in Pharmacology</i> , 2021, 12, 802750.	1.6	4
16	Phytochemical, nutraceutical and pharmacological attributes of a functional crop <i>Moringa oleifera</i> Lam: An overview. <i>South African Journal of Botany</i> , 2020, 129, 209-220.	1.2	63
17	Dual Role of Microalgae: Phycoremediation Coupled with Biomass Generation for Biofuel Production. , 2020, , 161-178.		4
18	The Antioxidant and Antihyperglycemic Activities of Bottlebrush Plant ( <i>Callistemon lanceolatus</i> ) Stem Extracts. <i>Medicines (Basel, Switzerland)</i> , 2020, 7, 11.	0.7	16

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19	Terminalia bellirica (Gaertn.) roxb. (Bahera) in health and disease: A systematic and comprehensive review. <i>Phytomedicine</i> , 2020, 77, 153278.	2.3	34
20	Antibacterial lead compounds and their targets for drug development. , 2020, , 275-292.		6
21	Antioxidant and antidiabetic activities of Terminalia bellirica fruit in alloxan induced diabetic rats. <i>South African Journal of Botany</i> , 2020, 130, 308-315.	1.2	43
22	Analysis of chlorophylls. , 2020, , 635-650.		10
23	Aceclofenac-induced hepatotoxicity: An ameliorative effect of <i>Terminalia bellirica</i> fruit and ellagic acid. <i>World Journal of Hepatology</i> , 2020, 12, 949-964.	0.8	24
24	Saffron and Its Active Ingredients: A Natural Product with Potent Anticancer Property. , 2020, , 199-215.		0
25	Aloe Species: Chemical Composition and Therapeutic Uses in Diabetic Treatment. , 2020, , 343-348.		0
26	Green Synthesized Nanoparticle-Mediated Wastewater Treatment. <i>Microorganisms for Sustainability</i> , 2020, , 299-309.	0.4	0
27	Dietary Fiber and Aging. , 2020, , 111-145.		2
28	Prostate Cancer: Molecular Aspects, Biomarkers, and Chemo-Preventive Agents. , 2020, , 205-217.		0
29	Nanoparticles as Modulators of Oxidative Stress. , 2019, , 29-35.		11
30	In-vitro Models to Assess Antioxidant Potential. , 2019, , 237-250.		2
31	In-silico Approaches to Study Therapeutic Efficacy of Nutraceuticals. , 2019, , 479-490.		2
32	Targeting Inflammation by Flavonoids: Novel Therapeutic Strategy for Metabolic Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4957.	1.8	64
33	Corilagin in Cancer: A Critical Evaluation of Anticancer Activities and Molecular Mechanisms. <i>Molecules</i> , 2019, 24, 3399.	1.7	58
34	Beneficial Effects of Dietary Polyphenols on Gut Microbiota and Strategies to Improve Delivery Efficiency. <i>Nutrients</i> , 2019, 11, 2216.	1.7	268
35	Potential Biotechnological Applications of Microalgae Grown in Wastewater: A Holistic Approach. , 2019, , 233-247.		2
36	Therapeutic potential of Aloe vera – A miracle gift of nature. <i>Phytomedicine</i> , 2019, 60, 152996.	2.3	107

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37	Fungal-Derived Natural Product: Synthesis, Function, and Applications. <i>Fungal Biology</i> , 2019, , 229-248.	0.3	7
38	Targeting AMPK signaling pathway by natural products for treatment of diabetes mellitus and its complications. <i>Journal of Cellular Physiology</i> , 2019, 234, 17212-17231.	2.0	117
39	Ameliorating efficacy of eugenol against metanil yellow induced toxicity in albino Wistar rats. <i>Food and Chemical Toxicology</i> , 2019, 126, 34-40.	1.8	34
40	Plant Secondary Metabolites With Hepatoprotective Efficacy. , 2019, , 71-104.		2
41	Renoprotective effect of cinnamaldehyde in food color induced toxicity. <i>3 Biotech</i> , 2018, 8, 212.	1.1	16
42	Hepatocellular Carcinoma: Causes, Mechanism of Progression and Biomarkers. <i>Current Chemical Genomics and Translational Medicine</i> , 2018, 12, 9-26.	4.3	110
43	Targeting Histone Deacetylases with Natural and Synthetic Agents: An Emerging Anticancer Strategy. <i>Nutrients</i> , 2018, 10, 731.	1.7	173
44	Microalgae. , 2018, , 167-195.		4
45	Cinnamaldehyde, An active Component of Cinnamon provides Protection against Food colour induced Oxidative stress and Hepatotoxicity in albino Wistar rats. <i>Vegetos</i> , 2018, 31, 123.	0.8	19
46	Phytochemicals as Oxidative Stress Mitigators. , 2018, , 165-184.		0
47	Medicinal and Industrial Applications of Bromelain. , 2018, , 205-220.		0
48	Protective Effect of Bauhinia variegata Leaf Extracts Against Oxidative Damage, Cell Proliferation and Bacterial Growth. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2017, 87, 45-51.	0.4	9
49	Oxidative Stress-Related MicroRNAs as Diagnostic Markers: A Newer Insight in Diagnostics. , 2017, , 113-125.		3
50	Pharmacological activities of cinnamaldehyde and eugenol: antioxidant, cytotoxic and anti-leishmanial studies. <i>Cellular and Molecular Biology</i> , 2017, 63, 73-78.	0.3	64
51	Medicinal attributes of major phenylpropanoids present in cinnamon. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 156.	3.7	62
52	Drug Targets for Cancer Treatment: An Overview. , 2015, 5, .		60
53	Preliminary Evaluation of Biological Activities and Phytochemical Analysis of Syngonium podophyllum Leaf. <i>The National Academy of Sciences, India</i> , 2015, 38, 143-146.	0.8	9
54	Free Radicals: Health Implications and their Mitigation by Herbals. <i>British Journal of Medicine and Medical Research</i> , 2015, 7, 438-457.	0.2	82

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55	Ferric Reducing, Anti-radical and Cytotoxic Activities of <i>Tinospora cordifolia</i> Stem Extracts. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2014, 03, .	0.4	3
56	<i>In Vitro</i> Antioxidant, Antibacterial, and Cytotoxic Activity and <i>In Vivo</i> Effect of <i>Syngonium podophyllum</i> and <i>Eichhornia crassipes</i> Leaf Extracts on Isoniazid Induced Oxidative Stress and Hepatic Markers. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	44
57	<i>In Vitro</i> Antibacterial, Antioxidant, and Cytotoxic Activities of <i>Parthenium hysterophorus</i> and Characterization of Extracts by LC-MS Analysis. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	30
58	Medicinal attributes of <i>Solanum xanthocarpum</i> fruit consumed by several tribal communities as food: an <i>in vitro</i> antioxidant, anticancer and anti HIV perspective. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 112.	3.7	55
59	Cell membrane protective efficacy of ZnO nanoparticles. <i>SOP Transactions on Nano-technology</i> , 2014, 2014, 21-29.	0.2	12
60	Cell cycle inhibitory activity of <i>Piper longum</i> against A549 cell line and its protective effect against metal-induced toxicity in rats. <i>Indian Journal of Biochemistry and Biophysics</i> , 2014, 51, 358-64.	0.2	20
61	Antioxidant mediated protective effect of <i>Parthenium hysterophorus</i> against oxidative damage using <i>in vitro</i> models. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 120.	3.7	141
62	<i>Parthenium hysterophorus</i> : A Probable Source of Anticancer, Antioxidant and Anti-HIV Agents. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	44
63	<i>Bauhinia variegata</i> Leaf Extracts Exhibit Considerable Antibacterial, Antioxidant, and Anticancer Activities. <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	156
64	<i>Calotropis procera</i> Root Extract Has the Capability to Combat Free Radical Mediated Damage. <i>ISRN Pharmacology</i> , 2013, 2013, 1-8.	1.6	57
65	Chemistry and Biological Activities of Flavonoids: An Overview. <i>Scientific World Journal</i> , The, 2013, 2013, 1-16.	0.8	2,529
66	Scientific Validation of the Medicinal Efficacy of <i>Tinospora cordifolia</i> . <i>Scientific World Journal</i> , The, 2013, 2013, 1-8.	0.8	109
67	Perspective on Plant Products as Antimicrobials Agents: A Review. <i>Pharmacologia</i> , 2013, 4, 469-480.	0.3	63
68	Phenolic Content, Reducing Power and Membrane Protective Activities of <i>Solanum xanthocarpum</i> Root Extracts. <i>Vegetos</i> , 2013, 26, 301.	0.8	62
69	Surface Functionalization of TiO <sub>2</sub> with Plant Extracts and their Combined Antimicrobial Activities Against <i>E. faecalis</i> and <i>E. Coli</i> . <i>Journal of Research Updates in Polymer Science</i> , 2012, 1, 43-51.	0.3	44
70	Antifungal and antioxidative potential of oil and extracts derived from leaves of Indian spice plant <i>Cinnamomum tamala</i> . <i>Cellular and Molecular Biology</i> , 2012, 58, 142-7.	0.3	58
71	Inhibitory activity of Indian spice plant <i>Cinnamomum zeylanicum</i> extracts against <i>Alternaria solani</i> and <i>Curvularia lunata</i> , the pathogenic dematiaceous moulds. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2009, 8, 9.	1.7	97
72	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2002, 18, 281-283.	1.7	16

#	ARTICLE	IF	CITATIONS
73	Pharmacological potential of serially extracted <i>Solanum xanthocarpum</i> fruit extracts and their phytochemical characterization. Journal of Herbs, Spices and Medicinal Plants, 0, , 1-15.	0.5	1