

# Priyankar Dey

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,156  
citations

394286

19  
h-index

434063

31  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiota in phytopharmacology: A comprehensive overview of concepts, reciprocal interactions, biotransformations and mode of actions. <i>Pharmacological Research</i> , 2019, 147, 104367.	3.1	135
2	Green tea extract prevents obesity in male mice by alleviating gut dysbiosis in association with improved intestinal barrier function that limits endotoxin translocation and adipose inflammation. <i>Journal of Nutritional Biochemistry</i> , 2019, 67, 78-89.	1.9	104
3	Amelioration of CCl <sub>4</sub> induced liver injury in swiss albino mice by antioxidant rich leaf extract of <i>Croton bonplandianus</i> Baill.. <i>PLoS ONE</i> , 2018, 13, e0196411.	1.1	83
4	Epigallocatechin gallate but not catechin prevents nonalcoholic steatohepatitis in mice similar to green tea extract while differentially affecting the gut microbiota. <i>Journal of Nutritional Biochemistry</i> , 2020, 84, 108455.	1.9	52
5	Green tea extract protects against hepatic NF- $\kappa$ B activation along the gut-liver axis in diet-induced obese mice with nonalcoholic steatohepatitis by reducing endotoxin and TLR4/MyD88 signaling. <i>Journal of Nutritional Biochemistry</i> , 2018, 53, 58-65.	1.9	47
6	Targeting gut barrier dysfunction with phytotherapies: Effective strategy against chronic diseases. <i>Pharmacological Research</i> , 2020, 161, 105135.	3.1	43
7	Assessment of anti-diabetic activity of an ethnopharmacological plant <i>Nerium oleander</i> through alloxan induced diabetes in mice. <i>Journal of Ethnopharmacology</i> , 2015, 161, 128-137.	2.0	41
8	Radical Scavenging Activities of <i>Lagerstroemia speciosa</i> (L.) Pers. Petal Extracts and its hepato-protection in CCl <sub>4</sub> -intoxicated mice. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 55.	3.7	36
9	Effect of <i>Acacia catechu</i> (L.f.) Willd. on Oxidative Stress with Possible Implications in Alleviating Selected Cognitive Disorders. <i>PLoS ONE</i> , 2016, 11, e0150574.	1.1	34
10	<i>Acacia nilotica</i> leaf improves insulin resistance and hyperglycemia associated acute hepatic injury and nephrotoxicity by improving systemic antioxidant status in diabetic mice. <i>Journal of Ethnopharmacology</i> , 2018, 210, 275-286.	2.0	33
11	Intestinal-level anti-inflammatory bioactivities of catechin-rich green tea: Rationale, design, and methods of a double-blind, randomized, placebo-controlled crossover trial in metabolic syndrome and healthy adults. <i>Contemporary Clinical Trials Communications</i> , 2020, 17, 100495.	0.5	32
12	Pharmacological aspects of <i>Nerium indicum</i> Mill: A comprehensive review. <i>Pharmacognosy Reviews</i> , 2014, 8, 156.	0.7	27
13	The intestinal 3M (microbiota, metabolism, metabolome) zeitgeist “ from fundamentals to future challenges. <i>Free Radical Biology and Medicine</i> , 2021, 176, 265-285.	1.3	27
14	Evaluation of anti-inflammatory activity and standardisation of hydro-methanol extract of underground tuber of <i>Dioscorea alata</i> . <i>Pharmaceutical Biology</i> , 2016, 54, 1474-1482.	1.3	25
15	Prospective bacterial quorum sensing inhibitors from Indian medicinal plant extracts. <i>Letters in Applied Microbiology</i> , 2017, 65, 2-10.	1.0	25
16	Assessment of hepatoprotective potential of <i>N. indicum</i> leaf on haloalkane xenobiotic induced hepatic injury in Swiss albino mice. <i>Chemico-Biological Interactions</i> , 2015, 235, 37-46.	1.7	22
17	Effects of prior aerobic exercise on sitting-induced vascular dysfunction in healthy men. <i>European Journal of Applied Physiology</i> , 2017, 117, 2509-2518.	1.2	21
18	The role of gut microbiome in chemical-induced metabolic and toxicological murine disease models. <i>Life Sciences</i> , 2020, 258, 118172.	2.0	21

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19	Dairy milk proteins attenuate hyperglycemia-induced impairments in vascular endothelial function in adults with prediabetes by limiting increases in glycemia and oxidative stress that reduce nitric oxide bioavailability. <i>Journal of Nutritional Biochemistry</i> , 2019, 63, 165-176.	1.9	20
20	The pharmaco-toxicological conundrum of oleander: Potential role of gut microbiome. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110422.	2.5	20
21	Haloalkane induced hepatic insult in murine model: amelioration by Oleander through antioxidant and anti-inflammatory activities, an in vitro and in vivo study. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 280.	3.7	18
22	In vitro modulation of TH1 and TH2 cytokine expression by edible tuber of <i>Dioscorea alata</i> and study of correlation patterns of the cytokine expression. <i>Food Science and Human Wellness</i> , 2014, 3, 1-8.	2.2	17
23	Green tea extract inhibits early oncogenic responses in mice with nonalcoholic steatohepatitis. <i>Food and Function</i> , 2019, 10, 6351-6361.	2.1	17
24	Hepatotoxicity and the present herbal hepatoprotective scenario. <i>International Journal of Green Pharmacy</i> , 2013, 7, 265.	0.1	16
25	Immunomodulatory activity of <i>Nerium indicum</i> through inhibition of nitric oxide and cyclooxygenase activity and modulation of TH1/TH2 cytokine balance in murine splenic lymphocytes. <i>Cytotechnology</i> , 2016, 68, 749-761.	0.7	15
26	Variation in Phytochemical Composition Reveals Distinct Divergence of <i>Aloe vera</i> (L.) Burm.f. From Other <i>Aloe</i> Species: Rationale Behind Selective Preference of <i>Aloe vera</i> in Nutritional and Therapeutic Use. <i>Journal of Evidence-Based Complementary &amp; Alternative Medicine</i> , 2017, 22, 624-631.	1.5	15
27	Immunomodulatory activities and phytochemical characterisation of the methanolic extract of <i>Dioscorea alata</i> aerial tuber. <i>Journal of Functional Foods</i> , 2016, 23, 315-328.	1.6	13
28	EGCG and catechin relative to green tea extract differentially modulate the gut microbial metabolome and liver metabolome to prevent obesity in mice fed a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , 2022, 109, 109094.	1.9	13
29	Phytometabolomic fingerprinting of selected actinorhizal fruits popularly consumed in North-East India. <i>Symbiosis</i> , 2016, 70, 159-168.	1.2	12
30	Liver inflammation at the time of spinal cord injury enhances intraspinal pathology, liver injury, metabolic syndrome and locomotor deficits. <i>Experimental Neurology</i> , 2021, 342, 113725.	2.0	12
31	Cancer-Associated Microbiota: From Mechanisms of Disease Causation to Microbiota-Centric Anti-Cancer Approaches. <i>Biology</i> , 2022, 11, 757.	1.3	12
32	Dairy milk, regardless of fat content, protects against postprandial hyperglycemia-mediated impairments in vascular endothelial function in adults with prediabetes by limiting oxidative stress responses that reduce nitric oxide bioavailability. <i>Journal of Nutritional Biochemistry</i> , 2019, 63, 129-139.	1.9	11
33	Controlled Feeding of an 8-d, High-Dairy Cheese Diet Prevents Sodium-Induced Endothelial Dysfunction in the Cutaneous Microcirculation of Healthy, Older Adults through Reductions in Superoxide. <i>Journal of Nutrition</i> , 2020, 150, 55-63.	1.3	11
34	Chemical characterization and assessment of antioxidant potentiality of <i>Streptocaulon sylvestre</i> Wight, an endangered plant of sub-Himalayan plains of West Bengal and Sikkim. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 107.	3.7	10
35	Improved hepatic $\beta$ -tocopherol status limits oxidative and inflammatory stress-mediated liver injury in db/db mice with nonalcoholic steatohepatitis. <i>Journal of Functional Foods</i> , 2018, 40, 670-678.	1.6	10
36	Comparative phytochemical profiling and effects of <i>Nerium oleander</i> extracts on the activities of murine peritoneal macrophages. <i>Archives of Biological Sciences</i> , 2016, 68, 515-531.	0.2	10

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37	Infant Rhesus Macaque Brain Î±-tocopherol Stereoisomer Profile Is Differentially Impacted by the Source of Î±-tocopherol in Infant Formula. <i>Journal of Nutrition</i> , 2020, 150, 2305-2313.	1.3	8
38	Assessment of the immunosuppressive and hemolytic activities of an edible fern, <i>Diplazium esculentum</i> . <i>Immunopharmacology and Immunotoxicology</i> , 2013, 35, 365-372.	1.1	7
39	Oleander Stem and Root Standardized Extracts Mitigate Acute Hyperglycaemia by Limiting Systemic Oxidative Stress Response in Diabetic Mice. <i>Advances in Pharmacology Sciences</i> , 2019, 2019, 1-12.	3.7	7
40	Daily Inclusion of Resistant Starch-Containing Potatoes in a Dietary Guidelines for Americans Dietary Pattern Does Not Adversely Affect Cardiometabolic Risk or Intestinal Permeability in Adults with Metabolic Syndrome: A Randomized Controlled Trial. <i>Nutrients</i> , 2022, 14, 1545.	1.7	7
41	Stimulation of Murine Immune Response by the Tubers of <i>Dioscorea alata</i> L. of North-Eastern Region of India. <i>Proceedings of the Zoological Society</i> , 2014, 67, 140-148.	0.4	6
42	Differential interaction with O <sub>2</sub> and N <sub>2</sub> free-radicals, phytochemical fingerprinting and molecular docking reveals potent antioxidant activities of three major recreational foods of the Indian subcontinent. <i>Journal of Functional Foods</i> , 2017, 39, 112-122.	1.6	6
43	Correlative metabolomic fingerprinting and molecular docking studies of dermatological phytotherapeutics of South-Eastern Himalaya. <i>Journal of Traditional and Complementary Medicine</i> , 2019, 9, 243-248.	1.5	6
44	Vitamin A and D Absorption in Adults with Metabolic Syndrome versus Healthy Controls: A Pilot Study Utilizing Targeted and Untargeted LC-MS Lipidomics. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2000413.	1.5	6
45	Anti-inflammatory phytochemicals against virus-induced hyperinflammatory responses: Scope, rationale, application, and limitations. <i>Phytotherapy Research</i> , 2021, 35, 6148-6169.	2.8	6
46	Anti-inflammatory activity of <i>Nerium indicum</i> by inhibition of prostaglandin E2 in murine splenic lymphocytes. <i>Indian Journal of Pharmacology</i> , 2015, 47, 447.	0.4	6
47	Pharmacological benefits of <i>Acacia</i> against metabolic diseases: intestinal-level bioactivities and favorable modulation of gut microbiota. <i>Archives of Physiology and Biochemistry</i> , 2024, 130, 70-86.	1.0	5
48	Phytochemical Characterization of <i>Dioscorea Alata</i> Leaf and Stem By Silylation Followed by GC-MS Analysis. <i>Journal of Food Biochemistry</i> , 2016, 40, 630-635.	1.2	4
49	Letter to Editor: Carbon Tetrachloride-Induced Classical Liver Cirrhosis Model: Revisiting the Mode of Action. <i>Hepatology</i> , 2019, 69, 2305-2305.	3.6	4
50	Low bioavailability hinders drug discovery against COVID-19, guided by in silico docking. <i>British Journal of Pharmacology</i> , 2021, 178, 741-742.	2.7	4
51	EVALUATION OF ERYTHROCYTE MEMBRANE STABILIZING ACTIVITY, HAEMOLYTIC ACTIVITY AND CYTOTOXIC EFFECT OF THE AREAL TUBERS OF <i>DIOSCOREA ALATA</i> L OF NORTH-EASTERN REGION OF INDIA. <i>Journal of Pharmaceutical and Scientific Innovation</i> , 2013, 2, 1-4.	0.1	4
52	Stimulation of murine immune response by <i>Clerodendrum infortunatum</i> . <i>Pharmacognosy Magazine</i> , 2018, 14, 417.	0.3	4
53	Metabolomic Fingerprinting of the Volatiles in Different Parts of <i>Streptocaulon sylvestre</i> . <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2017, 23, 308-319.	0.5	3
54	Dietary Inflammatory Index in Relation to Psoriasis Risk, Cardiovascular Risk Factors and Clinical Outcomes; A Result from Case-Control Study in Psoriasis Patients. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1517-1524.	0.9	2

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55	Comparative phytochemical profiling of <i>Clerodendrum infortunatum</i> with some selected medicinal plants predominant in the Sub-Himalayan region of West Bengal. Journal of Basic and Clinical Physiology and Pharmacology, 2016, 27, 547-555.	0.7	1
56	Hepatoprotection by Green Tea Extract Along the Gut-liver Axis in Mice with Nonalcoholic Steatohepatitis Is Mediated by Epigallocatechin Gallate but Not Catechin (OR34-03-19). Current Developments in Nutrition, 2019, 3, nzz031.OR34-03-19.	0.1	0
57	Daily Inclusion of Potatoes Into a Dietary Guidelines for Americans-Based Dietary Pattern Does Not Adversely Impact Cardiometabolic Risk in Adults With Metabolic Syndrome. Current Developments in Nutrition, 2021, 5, 300.	0.1	0
58	Health Benefits of Green Tea. , 2019, , 127-145.		0