

# Rupika Delgoda

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,240  
citations

361413

20  
h-index

377865

34  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of arylamine N-acetyltransferase reveals a catalytic triad. <i>Nature Structural Biology</i> , 2000, 7, 560-564.	9.7	179
2	Cloning and Characterization of Arylamine N -Acetyltransferase Genes from <i>Mycobacterium smegmatis</i> and <i>Mycobacterium tuberculosis</i> : Increased Expression Results in Isoniazid Resistance. <i>Journal of Bacteriology</i> , 1999, 181, 1343-1347.	2.2	124
3	Herbal Interactions Involving Cytochrome P450 Enzymes. <i>Toxicological Reviews</i> , 2004, 23, 239-249.	2.5	122
4	The prevalence of herbal medicine home use and concomitant use with pharmaceutical medicines in Jamaica. <i>Journal of Ethnopharmacology</i> , 2011, 137, 305-311.	4.1	86
5	Reshaping the future of ethnobiology research after the COVID-19 pandemic. <i>Nature Plants</i> , 2020, 6, 723-730.	9.3	68
6	The prevalence of herbs use in conjunction with conventional medicines in Jamaica. <i>Complementary Therapies in Medicine</i> , 2010, 18, 13-20.	2.7	56
7	Purification, Characterization, and Crystallization of an N-Hydroxyarylamine O-Acetyltransferase from <i>Salmonella typhimurium</i> . <i>Protein Expression and Purification</i> , 1998, 12, 371-380.	1.3	55
8	Role of the modulation of CYP1A1 expression and activity in chemoprevention. <i>Journal of Applied Toxicology</i> , 2014, 34, 743-753.	2.8	54
9	Insecticide resistance to permethrin and malathion and associated mechanisms in <i>Aedes aegypti</i> mosquitoes from St. Andrew Jamaica. <i>PLoS ONE</i> , 2017, 12, e0179673.	2.5	36
10	Reliance on medicinal plant therapy among cancer patients in Jamaica. <i>Cancer Causes and Control</i> , 2017, 28, 1349-1356.	1.8	34
11	TRAMIL ethnomedicinal survey in Jamaica. <i>Journal of Ethnopharmacology</i> , 2015, 169, 314-327.	4.1	32
12	<i>Hyptis verticillata</i> Jacq: A review of its traditional uses, phytochemistry, pharmacology and toxicology. <i>Journal of Ethnopharmacology</i> , 2013, 147, 16-41.	4.1	30
13	Aqueous extract from leaf of <i>Artocarpus altilis</i> provides cardio-protection from isoproterenol induced myocardial damage in rats: Negative chronotropic and inotropic effects. <i>Journal of Ethnopharmacology</i> , 2017, 203, 163-170.	4.1	28
14	Cytochrome P450 1 enzyme inhibition and anticancer potential of chromene amides from <i>Amyris plumieri</i> . <i>FÄ-toterapÄ-Äç</i> , 2011, 82, 230-236.	2.2	27
15	Possible mechanisms of action of the aqueous extract of <i>Artocarpus altilis</i> (breadfruit) leaves in producing hypotension in normotensive Spragueâ€Dawley rats. <i>Pharmaceutical Biology</i> , 2012, 50, 1096-1102.	2.9	27
16	The practice of polypharmacy involving herbal and prescription medicines in the treatment of diabetes mellitus, hypertension and gastrointestinal disorders in Jamaica. <i>West Indian Medical Journal</i> , 2004, 53, 400-5.	0.4	27
17	NMR investigation of the catalytic mechanism of arylamine N-acetyltransferase from <i>Salmonella typhimurium</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1620, 8-14.	2.4	24
18	Cytotoxic and potent CYP1 inhibitors from the marine algae <i>Cymopolia barbata</i> . <i>Organic and Medicinal Chemistry Letters</i> , 2012, 2, 21.	2.0	24

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19	Significant inhibitory impact of dibenzyl trisulfide and extracts of <i>Petiveria alliacea</i> on the activities of major drug-metabolizing enzymes in vitro: An assessment of the potential for medicinal plant-drug interactions. <i>FÄ-toterapÄ-Äç</i> , 2016, 111, 138-146.	2.2	23
20	Inhibition of CYP1A1 by Quassinoids Found in <i>Picrasma excelsa</i> . <i>Planta Medica</i> , 2009, 75, 137-141.	1.3	22
21	Antiproliferative activity and absolute configuration of zonaquinone acetate from the Jamaican alga <i>Styopodium zonale</i> . <i>Phytochemistry</i> , 2013, 87, 96-101.	2.9	21
22	Treatment of Rats with Apocynin Has Considerable Inhibitory Effects on Arylamine N-Acetyltransferase Activity in the Liver. <i>Scientific Reports</i> , 2016, 6, 26906.	3.3	16
23	<i>Rubus rosifolius</i> varieties as antioxidant and potential chemopreventive agents. <i>Journal of Functional Foods</i> , 2017, 37, 49-57.	3.4	16
24	Effects of embryonic exposure to Î±-lipoic acid or ascorbic acid on hatching rate and development of zebrafish ( <i>Danio rerio</i> ). <i>Aquaculture Research</i> , 2012, 43, 777-788.	1.8	14
25	Inhibition of Cytochrome P450 Activities by Extracts of <i>Hyptis verticillata</i> Jacq.: Assessment for Potential HERB-Drug Interactions. <i>Molecules</i> , 2018, 23, 430.	3.8	14
26	A patent review on the development of human cytochrome P450 inhibitors. <i>Expert Opinion on Therapeutic Patents</i> , 2014, 24, 699-717.	5.0	13
27	Chemical composition and biological activities of the essential oil from <i>Cleome rutidosperma</i> DC. <i>FÄ-toterapÄ-Äç</i> , 2018, 129, 191-197.	2.2	12
28	Potential chemopreventive, anticancer and anti-inflammatory properties of a refined artocarpin-rich wood extract of <i>Artocarpus heterophyllus</i> Lam.. <i>Scientific Reports</i> , 2021, 11, 6854.	3.3	12
29	Selective cytotoxic and anti-metastatic activity in DU-145 prostate cancer cells induced by <i>Annona muricata</i> L. bark extract and phytochemical, annonacin. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 375.	2.7	11
30	<i>Tagetes minuta</i> leaf extracts triggered apoptosis in MCF-7 human breast cancer cell line. <i>South African Journal of Botany</i> , 2021, 137, 359-364.	2.5	6
31	Dibenzyl trisulfide binds to and competitively inhibits the cytochrome P450 1A1 active site without impacting the expression of the aryl hydrocarbon receptor. <i>Toxicology and Applied Pharmacology</i> , 2021, 419, 115502.	2.8	6
32	Two New Oxodolastane Diterpenes from the Jamaican Macroalga <i>Canistrocarpus cervicornis</i> . <i>Marine Drugs</i> , 2017, 15, 150.	4.6	5
33	Glucarubulone glucoside from <i>Castela macrophylla</i> suppresses MCF-7 breast cancer cell growth and attenuates benzo[ <i>a</i> ]pyrene-mediated CYP1A gene induction. <i>Journal of Applied Toxicology</i> , 2017, 37, 873-883.	2.8	4
34	Challenges in the control of neglected insect vector diseases of human importance in the Anglo-Caribbean. <i>One Health</i> , 2021, 13, 100316.	3.4	4
35	Hypotensive and antihypertensive effects of an aqueous extract from Guinep fruit ( <i>Melicoccus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.3	2
36	Dibenzyl trisulfide induces caspase-independent death and lysosomal membrane permeabilization of triple-negative breast cancer cells. <i>FÄ-toterapÄ-Äç</i> , 2022, 160, 105203.	2.2	2

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37	$\Delta^9$ -Tetrahydrocannabinol Produced Positive Place Preference in Mice without Significant <i>Ex-Vivo</i> Effect on Hepatic Arylamine N-Acetyltransferase Activity: Implications for Its Addictive Liability and Absence of Effect on Xenobiotic Metabolism. <i>Journal of Behavioral and Brain Science</i> , 2021, 11, 179-192.	0.5	0