

# Kumudini M Meepagala

## List of Publications by Year in descending order

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28  
papers

934  
citations

687363

13  
h-index

610901

24  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1219  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Fungicides from <i>Ruta graveolens</i> L. Leaves, Including a New Quinolone Alkaloid. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 890-896.	5.2	156
2	Natural Toxins for Use in Pest Management. <i>Toxins</i> , 2010, 2, 1943-1962.	3.4	144
3	Antifungal Constituents of the Essential Oil Fraction of <i>Artemisia dracunculoides</i> L. Var. <i>dracunculoides</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 6989-6992.	5.2	139
4	Algicidal and antifungal compounds from the roots of <i>Ruta graveolens</i> and synthesis of their analogs. <i>Phytochemistry</i> , 2005, 66, 2689-2695.	2.9	85
5	Phytotoxins from the Leaves of <i>Ruta graveolens</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 3345-3349.	5.2	65
6	Khellin and Visnagin, Furanochromones from <i>Ammi visnaga</i> (L.) Lam., as Potential Bioherbicides. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 9475-9487.	5.2	43
7	Vulgarone B, the antifungal constituent in the steam-distilled fraction of <i>Artemisia douglasiana</i> . <i>Journal of Chemical Ecology</i> , 2003, 29, 1771-1780.	1.8	41
8	Phytotoxic and Antifungal Compounds from Two Apiaceae Species, <i>Lomatium californicum</i> and <i>Ligusticum hultenii</i> , Rich Sources of Z-ligustilide and Apiol, Respectively. <i>Journal of Chemical Ecology</i> , 2005, 31, 1567-1578.	1.8	39
9	New Class of Algicidal Compounds and Fungicidal Activities Derived from a Chromene Amide of <i>Amyris texana</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 9476-9482.	5.2	34
10	Plant-derived natural products exhibiting activity against formosan subterranean termites ( <i>Coptotermes formosanus</i> ). <i>Pest Management Science</i> , 2006, 62, 565-570.	3.4	32
11	Isolation of a phytotoxic isocoumarin from <i>Diaporthe eres</i> infected <i>Hedera helix</i> (English ivy) and synthesis of its phytotoxic analogs. <i>Pest Management Science</i> , 2018, 74, 37-45.	3.4	23
12	Natural product-based chromenes as a novel class of potential termiticides. <i>Pest Management Science</i> , 2011, 67, 1446-1450.	3.4	20
13	Algicide Constituents from <i>Swinglea glutinosa</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10632-10635.	5.2	17
14	Molluscicidal activity of vulgarone B against ram's horn snail ( <i>Planorbella trivolvis</i> ). <i>Pest Management Science</i> , 2004, 60, 479-482.	3.4	13
15	Mosquito Repellents Based on a Natural Chromene Analogue with Longer Duration of Action than N,N-Diethyl-meta-toluamide (DEET). <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9293-9297.	5.2	13
16	Molluscicidal and antifungal activity of <i>Erigeron speciosus</i> steam distillate. <i>Pest Management Science</i> , 2002, 58, 1043-1047.	3.4	12
17	Antibacterial Activity of Constituents from Mangosteen <i>Garcinia mangostana</i> Fruit Pericarp against Several Channel Catfish Pathogens. <i>Journal of Aquatic Animal Health</i> , 2018, 30, 179-184.	1.4	12
18	Larvicidal and Adulticidal Activity of Chroman and Chromene Analogues against Susceptible and Permethrin-Resistant Mosquito Strains. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4914-4920.	5.2	10

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19	Phomalactone from a Phytopathogenic Fungus Infecting ZINNIA elegans (ASTERACEAE) Leaves. Journal of Chemical Ecology, 2015, 41, 602-612.	1.8	7
20	Mosquitocidal Activity of a Naturally Occurring Isochroman and Synthetic Analogs from the Plant Pathogenic Fungus, Diaporthe eres Against Aedes aegypti (Diptera: Culicidae). Journal of Medical Entomology, 2018, 55, 969-974.	1.8	7
21	Bioassay-Guided Isolation and Structure Elucidation of Fungicidal and Herbicidal Compounds from Ambrosia salsola (Asteraceae). Molecules, 2019, 24, 835.	3.8	7
22	Sesquiterpenoids from culture of the fungus Stereum complicatum (Steraceae): structural diversity, antifungal and phytotoxic activities. Phytochemistry Letters, 2020, 37, 51-58.	1.2	5
23	Furanocoumarin with Phytotoxic Activity from the Leaves of <i>Amyris elemifera</i> (Rutaceae). ACS Omega, 2021, 6, 401-407.	3.5	4
24	Phytochemicals for Pest Management: Current Advances and Future Opportunities. , 2013, , 71-94.		3
25	NATURAL PRODUCTS FOR PEST MANAGEMENT. , 2007, , 209-251.		2
26	Antibacterial compounds from Rutaceae with activities against Flavobacterium columnare and Streptococcus iniae. Journal of Agricultural Chemistry and Environment, 2013, 02, 90-100.	0.5	1
27	Sesquiterpene- $\beta$ -amino acid quaternary ammonium hybrids from Stereum complicatum (Steraceae). Biochemical Systematics and Ecology, 2020, 93, 104176.	1.3	0
28	Characterization of Toxicological and Neurophysiological Effects of Natural Product Based Chromenes to Fall Armyworm, <i>Spodoptera frugiperda</i> . Journal of Economic Entomology, 2021, 114, 2485-2492.	1.8	0