

Monique S J Simmonds

List of Publications by Year in descending order

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91
papers

7,807
citations

31976

53
h-index

49909

87
g-index

93
all docs

93
docs citations

93
times ranked

9006
citing authors

#	ARTICLE	IF	CITATIONS
1	Rosmarinic acid. <i>Phytochemistry</i> , 2003, 62, 121-125.	2.9	1,051
2	Flavonoid-insect interactions: recent advances in our knowledge. <i>Phytochemistry</i> , 2003, 64, 21-30.	2.9	385
3	<i>Plectranthus</i> : A review of ethnobotanical uses. <i>Journal of Ethnopharmacology</i> , 2006, 103, 1-24.	4.1	375
4	Ethnobotanical study of some Ghanaian anti-malarial plants. <i>Journal of Ethnopharmacology</i> , 2005, 99, 273-279.	4.1	226
5	Importance of flavonoids in insect-plant interactions: feeding and oviposition. <i>Phytochemistry</i> , 2001, 56, 245-252.	2.9	210
6	Local uses of <i>Aristolochia</i> species and content of nephrotoxic aristolochic acid 1 and 2: A global assessment based on bibliographic sources. <i>Journal of Ethnopharmacology</i> , 2009, 125, 108-144.	4.1	195
7	Good practice in reviewing and publishing studies on herbal medicine, with special emphasis on traditional Chinese medicine and Chinese materia medica. <i>Journal of Ethnopharmacology</i> , 2012, 140, 469-475.	4.1	180
8	Omic techniques in systems biology approaches to traditional Chinese medicine research: Present and future. <i>Journal of Ethnopharmacology</i> , 2012, 140, 535-544.	4.1	150
9	The quest for modernisation of traditional Chinese medicine. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 132.	3.7	145
10	Sensitivity variations in insect chemoreceptors; A review. <i>Experientia</i> , 1986, 42, 13-19.	1.2	143
11	Flavone C-Glycosides from <i>Viola yedoensis</i> MAKINO. <i>Chemical and Pharmaceutical Bulletin</i> , 2003, 51, 1204-1207.	1.3	143
12	The Epidemiology, Diagnosis, and Management of Aristolochic Acid Nephropathy. <i>Annals of Internal Medicine</i> , 2013, 158, 469.	3.9	142
13	Identification and Antioxidant Potential of Flavonoids and Low Molecular Weight Phenols in Olive Cultivar Chemlali Growing in Tunisia. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 236-241.	5.2	140
14	Antifeedant effects of azadirachtin and structurally related compounds on lepidopterous larvae. <i>Entomologia Experimentalis Et Applicata</i> , 1990, 55, 149-160.	1.4	126
15	Actions of azadirachtin, a plant allelochemical, against insects. <i>Pest Management Science</i> , 1998, 54, 277-284.	0.4	120
16	Phylogeny and evolution of basil and allies (Ocimeae, Labiatae) based on three plastid DNA regions. <i>Molecular Phylogenetics and Evolution</i> , 2004, 31, 277-299.	2.7	120
17	Naturally occurring aristolochic acid analogues and their toxicities. <i>Natural Product Reports</i> , 2014, 31, 676.	10.3	116
18	Wound healing activity of acylated iridoid glycosides from <i>Scrophularia nodosa</i> . <i>Phytotherapy Research</i> , 2002, 16, 33-35.	5.8	110

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19	The role of phytochemicals as micronutrients in health and disease. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2014, 17, 558-566.	2.5	110
20	Evaluation of the quality of sandalwood essential oils by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1028, 307-312.	3.7	106
21	Behavioral and electrophysiological study of antifeedant mechanisms associated with polyhydroxy alkaloids. <i>Journal of Chemical Ecology</i> , 1990, 16, 3167-3196.	1.8	105
22	Phenolic compounds on the pod-surface of pigeonpea, <i>Cajanus cajan</i> , mediate feeding behavior of <i>Helicoverpa armigera</i> larvae. <i>Journal of Chemical Ecology</i> , 2003, 29, 811-821.	1.8	97
23	Effects of isoflavonoids from <i>Cicer</i> on larvae of <i>Helicoverpa armigera</i> . , 2001, 27, 965-977.		96
24	Therapeutic uses of Aloe L. (Asphodelaceae) in southern Africa. <i>Journal of Ethnopharmacology</i> , 2008, 119, 604-614.	4.1	94
25	Synthesis of a hydroxy dihydrofuran acetal related to azadirachtin: A potent insect antifeedant. <i>Tetrahedron Letters</i> , 1987, 28, 221-224.	1.4	90
26	Developmental inhibition of <i>Spodoptera litura</i> (Fab.) larvae by a novel caffeoylquinic acid from the wild groundnut, <i>Arachis paraguariensis</i> (Chod et Hassl.). <i>Journal of Chemical Ecology</i> , 1993, 19, 2917-2933.	1.8	88
27	In vitro anti-fibrotic activities of herbal compounds and herbs. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 3033-3041.	0.7	85
28	Liquid chromatography/mass spectrometry of malonyl-ginsenosides in the authentication of ginseng. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 238-244.	1.5	79
29	Evolutionary history and leaf succulence as explanations for medicinal use in aloes and the global popularity of <i>Aloe vera</i> . <i>BMC Evolutionary Biology</i> , 2015, 15, 29.	3.2	79
30	Dihydroisocoumarins and a tetralone from <i>Cytospora eucalypticola</i> . <i>Phytochemistry</i> , 2003, 62, 779-782.	2.9	78
31	Comparative study on hypocholesterolemic and antioxidant activities of various extracts of fenugreek seeds. <i>Food Chemistry</i> , 2013, 138, 1448-1453.	8.2	76
32	Neo-clerodane insect antifeedants from <i>Scutellaria galericulata</i> . <i>Phytochemistry</i> , 1990, 29, 1793-1796.	2.9	75
33	The chemotaxonomic significance of two bioactive caffeic acid esters, nepetoidins A and B, in the Lamiaceae. <i>Phytochemistry</i> , 2003, 64, 519-528.	2.9	75
34	Flavonol tetraglycosides from fruits of <i>Styphnolobium japonicum</i> (Leguminosae) and the authentication of <i>Fructus Sophorae</i> and <i>Flos Sophorae</i> . <i>Phytochemistry</i> , 2009, 70, 785-794.	2.9	75
35	Citrus Limonoids and Their Semisynthetic Derivatives as Antifeedant Agents Against <i>Spodoptera frugiperda</i> Larvae. A Structure-Activity Relationship Study. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 6766-6774.	5.2	74
36	Chromatographic behaviour of steroidal saponins studied by high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1148, 177-183.	3.7	72

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37	A comparison between chemical and molecular characters for the determination of phylogenetic relationships among plant families: An appreciation of Hegnauer's "Chemotaxonomie der Pflanzen". <i>Biochemical Systematics and Ecology</i> , 1999, 27, 369-393.	1.3	70
38	Insect antifeedants: a behavioural and electrophysiological investigation of natural and synthetically derived clerodane diterpenoids. <i>Entomologia Experimentalis Et Applicata</i> , 1988, 46, 267-274.	1.4	68
39	Insect antifeedant furanocoumarins from <i>Tetradium daniellii</i> . <i>Phytochemistry</i> , 2003, 63, 41-46.	2.9	67
40	The structure of two new clerodane diterpenoid potent insect antifeedants from <i>Scutellaria woronowii</i> (Juz); Jodrellin A & B. <i>Tetrahedron Letters</i> , 1989, 30, 4737-4740.	1.4	66
41	Insect antifeedant activity associated with compounds isolated from species of <i>Lonchocarpus</i> and <i>Tephrosia</i> . <i>Journal of Chemical Ecology</i> , 1990, 16, 365-380.	1.8	62
42	Chemical Composition and Biological Activities of Polar Extracts and Essential Oil of Rose-scented Geranium, <i>Pelargonium graveolens</i> . <i>Phytotherapy Research</i> , 2013, 27, 1206-1213.	5.8	62
43	Insect antifeedants from <i>azadirachta indica</i> (part 5): Chemical modification and structure-activity relationships of azadirachtin and some related limonoids. <i>Tetrahedron</i> , 1989, 45, 5175-5192.	1.9	60
44	Is aristolochic acid nephropathy a widespread problem in developing countries?. <i>Journal of Ethnopharmacology</i> , 2013, 149, 235-244.	4.1	60
45	Anti-oxidant, anti-inflammatory, analgesic and antipyretic activities of grapevine leaf extract (<i>Vitis</i>). <i>Pharmacotherapy</i> , 2016, 84, 1088-1098.	5.6	60
46	Indole and β -Carboline Alkaloids from <i>Geissospermum sericeum</i> . <i>Journal of Natural Products</i> , 2002, 65, 85-88.	3.0	57
47	Detecting aristolochic acids in herbal remedies by liquid chromatography/serial mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 585-590.	1.5	57
48	Chemical constituents and antimicrobial activity of medicinal plants from Ghana: <i>Cassia sieberiana</i> , <i>Haematostaphis barteri</i> , <i>Mitragyna inermis</i> and <i>Pseudocedrela kotschyi</i> . <i>Phytotherapy Research</i> , 2008, 22, 1013-1016.	5.8	57
49	Flavonolignans from <i>Hyparrhenia hirta</i> . <i>Phytochemistry</i> , 2002, 60, 515-520.	2.9	56
50	Documented Utility and Biocultural Value of <i>Aloe L.</i> (Asphodelaceae): A Review. <i>Economic Botany</i> , 2009, 63, 167-178.	1.7	56
51	Azadirachtin: structural requirements for reducing growth and increasing mortality in lepidopterous larvae. <i>Entomologia Experimentalis Et Applicata</i> , 1990, 55, 169-181.	1.4	55
52	Influence of Some Fatty Acids on Oviposition by the Bruchid Beetle, <i>Callosobruchus maculatus</i> . <i>Journal of Chemical Ecology</i> , 1998, 24, 1577-1593.	1.8	55
53	Isolation, Characterization, and Biological Activity of Naphthoquinones from <i>Calceolaria andina</i> L.. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 770-775.	5.2	55
54	Variation of theanine, phenolic, and methylxanthine compounds in 21 cultivars of <i>Camellia sinensis</i> harvested in different seasons. <i>Food Chemistry</i> , 2017, 220, 517-526.	8.2	55

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55	Neo-clerodane insect antifeedants from <i>Scutellaria galericulata</i> . <i>Phytochemistry</i> , 1993, 33, 309-315.	2.9	54
56	Leaf surface flavonoids in Iranian species of <i>Nepeta</i> (Lamiaceae) and some related genera. <i>Biochemical Systematics and Ecology</i> , 2003, 31, 587-600.	1.3	53
57	The role of the secondary plant compound 2,5-dihydroxymethyl 3,4-dihydropyrrolidine as a feeding inhibitor for insects. <i>Entomologia Experimentalis Et Applicata</i> , 1984, 36, 209-216.	1.4	51
58	Metabolomic analysis of saponins in crude extracts of <i>Quillaja saponaria</i> by liquid chromatography/mass spectrometry for product authentication. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2859-2870.	1.5	50
59	Distinguishing Chinese Star Anise from Japanese Star Anise Using Thermal Desorption-Gas Chromatography-Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5783-5789.	5.2	50
60	Insect-antifeedant and antibacterial activity of diterpenoids from species of <i>Plectranthus</i> . <i>Phytochemistry</i> , 2006, 67, 1818-1825.	2.9	48
61	Relationship between nutritional composition of plant species and infestation levels of thrips. <i>Journal of Chemical Ecology</i> , 2002, 28, 2399-2409.	1.8	45
62	Oviposition and chemosensory stimulation of the root flies <i>Delia radicum</i> and <i>D. floralis</i> in response to plants and leaf surface extracts from resistant and susceptible <i>Brassica</i> genotypes. <i>Entomologia Experimentalis Et Applicata</i> , 1996, 78, 61-75.	1.4	44
63	Use of doubly protonated molecules in the analysis of cathedulins in crude extracts of khat (<i>Catha</i>). <i>Journal of Mass Spectrometry</i> , 2003, 17, 1553-1564.	1.5	44
64	Data-directed scan sequence for the general assignment of C-glycosylflavone O-glycosides in plant extracts by liquid chromatography-ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1104, 123-131.	3.7	44
65	Food selection by locusts: The role of learning in rejection behaviour. <i>Entomologia Experimentalis Et Applicata</i> , 1985, 39, 273-278.	1.4	40
66	Three new species of <i>Nepeta</i> (Lamiaceae) from Iran. <i>Taxon</i> , 2003, 52, 93-98.	0.7	40
67	Can larvae of the pod-borer, <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae), select between wild and cultivated pigeonpea <i>Cajanus</i> sp. (Fabaceae)? <i>Bulletin of Entomological Research</i> , 2002, 92, 45-51.	1.0	40
68	Flavonoid glycosides from Egyptian species of the tribe Asclepiadeae (Apocynaceae, subfamily). <i>Journal of Natural Products</i> , 2001, 64, 1117-1120.	1.3	39
69	Chemical characterisation of wild populations of <i>Thymus</i> from different climatic regions in southeast Spain. <i>Biochemical Systematics and Ecology</i> , 2008, 36, 117-133.	1.3	39
70	Flavonoid glycosides and isoquinolinone alkaloids from <i>Corydalis bungeana</i> . <i>Phytochemistry</i> , 2004, 65, 3041-3047.	2.9	38
71	Insect Antifeedant Activity of Three New Tetranortriterpenoids from <i>Trichilia pallida</i> . <i>Journal of Natural Products</i> , 2001, 64, 1117-1120.	3.0	35
72	Phylogenetic Relationships in <i>Nepeta</i> L. (Lamiaceae) and Related Genera Based on ITS Sequence Data. <i>Taxon</i> , 2003, 52, 21.	0.7	35

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73	Effects of <i>Paecilomyces fumosoroseus</i> and <i>Encarsia formosa</i> on the control of the greenhouse whitefly: preliminary assessment of a compatibility study. <i>BioControl</i> , 2008, 53, 303-316.	2.0	34
74	Aristolochic acid as a causative factor in a case of Chinese herbal nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2002, 17, 524-525.	0.7	33
75	Unlocking the properties of plants and fungi for sustainable development. <i>Nature Plants</i> , 2019, 5, 1100-1102.	9.3	32
76	Oviposition patterns and larval damage by the invasive horse chestnut leaf miner <i>Cameraria ohridella</i> on different species of <i>Aesculus</i> . <i>Ecological Entomology</i> , 2013, 38, 456-462.	2.2	26
77	International collaboration between collections-based institutes for halting biodiversity loss and unlocking the useful properties of plants and fungi. <i>Plants People Planet</i> , 2020, 2, 515-534.	3.3	25
78	Phenylethanoid glycosides in tepals of <i>Magnolia salicifolia</i> and their occurrence in flowers of Magnoliaceae. <i>Phytochemistry</i> , 2015, 117, 185-193.	2.9	20
79	Leaf traits influencing oviposition preference and larval performance of <i>Cameraria ohridella</i> on native and novel host plants. <i>Entomologia Experimentalis Et Applicata</i> , 2014, 152, 157-164.	1.4	19
80	A Natural Flavone Tricin from Grains Can Alleviate Tumor Growth and Lung Metastasis in Colorectal Tumor Mice. <i>Molecules</i> , 2020, 25, 3730.	3.8	19
81	Natural flavone tricin exerted anti-inflammatory activity in macrophage via NF- κ B pathway and ameliorated acute colitis in mice. <i>Phytomedicine</i> , 2021, 90, 153625.	5.3	19
82	Cardenolides from <i>Gomphocarpus sinaicus</i> and <i>Pergularia tomentosa</i> (Apocynaceae: Asclepiadoideae) deter the feeding of <i>Spodoptera littoralis</i> . <i>Arthropod-Plant Interactions</i> , 2011, 5, 219-225.	1.1	18
83	Topical and nutricosmetic products for healthy hair and dermal antiaging using dual-acting (2 for 1) plant-based peptides, hormones, and cannabinoids. <i>FASEB BioAdvances</i> , 2021, 3, 601-610.	2.4	13
84	Biodiversity and patents: Overview of plants and fungi covered by patents. <i>Plants People Planet</i> , 2020, 2, 546-556.	3.3	10
85	Pharmacodynamics of <i>Aloe vera</i> and acemannan in therapeutic applications for skin, digestion, and immunomodulation. <i>Phytotherapy Research</i> , 2021, 35, 6572-6584.	5.8	9
86	Differences in diterpenoid diversity reveal new evidence for separating the genus <i>Coleus</i> from <i>Plectranthus</i> . <i>Natural Product Reports</i> , 2021, 38, 1720-1728.	10.3	9
87	Leaf Chemistry and Foliage Avoidance by the Thrips <i>Frankliniella occidentalis</i> and <i>Heliothrips haemorrhoidalis</i> in Glasshouse Collections. <i>Journal of Chemical Ecology</i> , 2011, 37, 301-310.	1.8	5
88	Protecting and sustainably using the world's plants and fungi. <i>Plants People Planet</i> , 2020, 2, 368-370.	3.3	5
89	Protection of hair from damage induced by ultraviolet irradiation using tea (<i>Camellia sinensis</i>) extracts. <i>Journal of Cosmetic Dermatology</i> , 2022, 21, 2246-2254.	1.6	5
90	Inspired by vitamin A for antiaging: Searching for plant-derived functional retinoid analogues. <i>Skin Health and Disease</i> , 2021, 1, e36.	1.5	4

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91	Identification and quantification of triclin present in medicinal herbs, plant foods and by-products using UPLC-QTOF-MS. Chemical Papers, 2021, 75, 4579.	2.2	4