

John A Edgar

List of Publications by Year in descending order

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36
papers

1,697
citations

331670

21
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

1360
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicity of pyrrolizidine alkaloids to humans and ruminants. <i>Phytochemistry Reviews</i> , 2011, 10, 137-151.	6.5	163
2	Pyrrolizidine Alkaloids: Potential Role in the Etiology of Cancers, Pulmonary Hypertension, Congenital Anomalies, and Liver Disease. <i>Chemical Research in Toxicology</i> , 2015, 28, 4-20.	3.3	163
3	Honey from Plants Containing Pyrrolizidine Alkaloids: A Potential Threat to Health. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 2719-2730.	5.2	161
4	Oxindoles from <i>Phalaris coerulescens</i> . <i>Phytochemistry</i> , 1998, 48, 437-439.	2.9	114
5	Pyrrolizidine Alkaloids of <i>Echium vulgare</i> Honey Found in Pure Pollen. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 594-600.	5.2	111
6	Pyrrolizidine alkaloids in honey from <i>Echium plantagineum</i> L. <i>Journal of Agricultural and Food Chemistry</i> , 1981, 29, 958-960.	5.2	105
7	Solid-Phase Extraction and LC-MS Analysis of Pyrrolizidine Alkaloids in Honeys. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6664-6672.	5.2	82
8	Corynetoxins causative agents of annual ryegrass toxicity; their identification as tunicamycin group antibiotics. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 222.	2.0	80
9	Solid-phase extraction and HPLC-MS profiling of pyrrolizidine alkaloids and their N-oxides: a case study of <i>Echium plantagineum</i> . <i>Phytochemical Analysis</i> , 2005, 16, 108-119.	2.4	72
10	Isolation of a lactone, structurally related to the esterifying acids of pyrrolizidine alkaloids, from the coastal fringes of male <i>Ithomiinae</i> . <i>Journal of Chemical Ecology</i> , 1976, 2, 263-270.	1.8	70
11	Structure elucidation and absolute configuration of phomopsisin a, a hexapeptide mycotoxin produced by <i>phomopsis leptostromiformis</i> . <i>Tetrahedron</i> , 1989, 45, 2351-2372.	1.9	63
12	Hepatotoxic Pyrrolizidine Alkaloids in Pollen and Drying-Related Implications for Commercial Processing of Bee Pollen. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5662-5672.	5.2	63
13	($\hat{\alpha}$)-Phalarine, a furanobisindole alkaloid from <i>Phalaris coerulescens</i> . <i>Phytochemistry</i> , 1999, 51, 153-157.	2.9	56
14	The chemical basis of attraction of <i>ithomiine</i> butterflies to plants containing pyrrolizidine alkaloids. <i>Journal of Chemical Ecology</i> , 1976, 2, 255-262.	1.8	52
15	Interaction of phomopsisin A and related compounds with purified sheep brain tubulin. <i>Biochemical Pharmacology</i> , 1987, 36, 2133-2138.	4.4	51
16	Formation of DHP-derived DNA adducts from metabolic activation of the prototype heliotridine-type pyrrolizidine alkaloid, lasiocarpine. <i>Cancer Letters</i> , 2006, 231, 138-145.	7.2	48
17	Safety assessment of food and herbal products containing hepatotoxic pyrrolizidine alkaloids: interlaboratory consistency and the importance of N-oxide determination. <i>Phytochemical Analysis</i> , 2008, 19, 526-533.	2.4	39
18	Structure elucidation of phomopsisin A, a novel cyclic hexapeptide mycotoxin produced by <i>Phomopsis leptostromiformis</i> . <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 1259.	2.0	29

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19	Unusual macrocyclic pyrrolizidine alkaloids from <i>A. Cunn and wall. (apocynaceae)</i> . <i>Tetrahedron Letters</i> , 1980, 21, 2657-2660.	1.4	23
20	Pyrrolizidine alkaloids in insect-plant co-evolution. <i>Toxicon</i> , 1983, 21, 97-100.	1.6	23
21	Mannitol metabolism in <i>Eimeria tenella</i> . <i>International Journal for Parasitology</i> , 1992, 22, 1157-1163.	3.1	23
22	Chemically Different Tremorgenic Mycotoxins in Isolates of <i>Penicillium paxilli</i> From Australia and North America. <i>Journal of Natural Products</i> , 1979, 42, 534-536.	3.0	21
23	Identification of Senecionine and Senecionine N-Oxide as Antifertility Constituents in <i>Senecio vulgaris</i> . <i>Journal of Pharmaceutical Sciences</i> , 1988, 77, 461-463.	3.3	14
24	Assessment of potential for toxicity of <i>Phalaris</i> spp. via alkaloid content determination: <i>P. coerulescens</i> , a case example. <i>Phytochemical Analysis</i> , 1999, 10, 113-118.	2.4	12
25	Linkage disequilibrium and natural selection for mimicry in the Batesian mimic <i>Hypolimnas misippus</i> (L.) (Lepidoptera: Nymphalidae) in the Afrotropics. <i>Biological Journal of the Linnean Society</i> , 2010, 100, 180-194.	1.6	12
26	Insect-synthesised Retronecine Ester Alkaloids: Precursors of the Common Arctiine (Lepidoptera) Pheromone Hydroxydanaidal. <i>Journal of Chemical Ecology</i> , 2007, 33, 2266-2280.	1.8	10
27	Production of corynetoxins by <i>Corynebacterium rathayi</i> in liquid cultures. <i>Toxicon</i> , 1983, 21, 345-348.	1.6	9
28	Curassavine, an alkaloid from <i>Heliotropium curassavicum</i> Linn. with a C8 necic acid skeleton. <i>Journal of the Chemical Society Chemical Communications</i> , 1978, , 423.	2.0	8
29	Food contaminants capable of causing cancer, pulmonary hypertension and cirrhosis. <i>Medical Journal of Australia</i> , 2014, 200, 73-74.	1.7	6
30	Guidelines for unequivocal structural identification of compounds with biological activity of significance in food chemistry (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2019, 91, 1417-1437.	1.9	5
31	Fast atom bombardment mass spectrometry of some anthracycline and bisanthracycline derivatives. <i>Biological Mass Spectrometry</i> , 1988, 17, 21-25.	0.5	3
32	Corynetoxin: A chromatographic study. <i>Toxicon</i> , 1983, 21, 65-68.	1.6	2
33	The chemical and biological properties of phomopsin. <i>Toxicon</i> , 1983, 21, 149-152.	1.6	2
34	Linking Dietary Exposure to 1,2-Dehydropyrrolizidine Alkaloids with Cancers and Chemotherapy-Induced Pulmonary and Hepatic Veno-Occlusive Diseases. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5995-5997.	5.2	2
35	Natural Toxicants as Pesticides. , 0, , 269-294.		0
36	1,2-Dehydropyrrolizidine Alkaloids: Their Potential as a Dietary Cause of Sporadic Motor Neuron Diseases. <i>Chemical Research in Toxicology</i> , 2022, 35, 340-354.	3.3	0