

# Robert A Keyzers

## List of Publications by Year in descending order

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85  
papers

9,824  
citations

126708

33  
h-index

56606

83  
g-index

99  
all docs

99  
docs citations

99  
times ranked

11932  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	9.4	2,802
2	Marine natural products. <i>Natural Product Reports</i> , 2018, 35, 8-53.	5.2	626
3	Marine natural products. <i>Natural Product Reports</i> , 2015, 32, 116-211.	5.2	531
4	Marine natural products. <i>Natural Product Reports</i> , 2013, 30, 237-323.	5.2	506
5	Marine natural products. <i>Natural Product Reports</i> , 2012, 29, 144-222.	5.2	448
6	Marine natural products. <i>Natural Product Reports</i> , 2014, 31, 160.	5.2	446
7	Marine natural products. <i>Natural Product Reports</i> , 2016, 33, 382-431.	5.2	416
8	Marine natural products. <i>Natural Product Reports</i> , 2017, 34, 235-294.	5.2	405
9	Marine natural products. <i>Natural Product Reports</i> , 2019, 36, 122-173.	5.2	398
10	Reproducible molecular networking of untargeted mass spectrometry data using GNPS. <i>Nature Protocols</i> , 2020, 15, 1954-1991.	5.5	344
11	Marine natural products. <i>Natural Product Reports</i> , 2020, 37, 175-223.	5.2	333
12	Marine natural products. <i>Natural Product Reports</i> , 2021, 38, 362-413.	5.2	248
13	Sequestration of auxin by the indole-3-acetic acid-amido synthetase GH3-1 in grape berry ( <i>Vitis vinifera</i> ) Tj ETQq1 1 0.784314 rgBT /O 61, 3615-3625.	2.4	211
14	Secondary metabolism in the lichen symbiosis. <i>Chemical Society Reviews</i> , 2018, 47, 1730-1760.	18.7	145
15	Marine natural products. <i>Natural Product Reports</i> , 2022, 39, 1122-1171.	5.2	141
16	Grape Contribution to Wine Aroma: Production of Hexyl Acetate, Octyl Acetate, and Benzyl Acetate during Yeast Fermentation Is Dependent upon Precursors in the Must. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2638-2646.	2.4	117
17	Anti-inflammatory metabolites from marine sponges. <i>Chemical Society Reviews</i> , 2005, 34, 355.	18.7	100
18	Two O-methyltransferases involved in the biosynthesis of methoxypyrazines: grape-derived aroma compounds important to wine flavour. <i>Plant Molecular Biology</i> , 2010, 74, 77-89.	2.0	99

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19	Spongian diterpenoids from marine sponges. <i>Natural Product Reports</i> , 2006, 23, 321.	5.2	89
20	The Production of Flavour & Aroma Compounds in Grape Berries. , 2009, , 293-340.		64
21	Spirastrellolides C to G: Macrolides Obtained from the Marine Sponge <i>Spirastrella coccinea</i> . <i>Journal of Organic Chemistry</i> , 2007, 72, 9842-9845.	1.7	63
22	Porous aluminosilicate inorganic polymers (geopolymers): a new class of environmentally benign heterogeneous solid acid catalysts. <i>Applied Catalysis A: General</i> , 2016, 524, 173-181.	2.2	57
23	Screening for small molecule modulators of Hsp70 chaperone activity using protein aggregation suppression assays: inhibition of the plasmodial chaperone PfHsp70-1. <i>Biological Chemistry</i> , 2011, 392, 431-8.	1.2	55
24	Sorbicillamines A-E, Nitrogen-Containing Sorbicillinoids from the Deep-Sea-Derived Fungus <i>Penicillium</i> sp. F23-2. <i>Journal of Natural Products</i> , 2013, 76, 2106-2112.	1.5	53
25	Thermodynamic Factors Impacting the Peptide-Driven Self-Assembly of Perylene Diimide Nanofibers. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8642-8651.	1.2	50
26	Streptomyces: Still the Biggest Producer of New Natural Secondary Metabolites, a Current Perspective. <i>Microbiology Research</i> , 2022, 13, 418-465.	0.8	50
27	Controlled aggregation of peptide-substituted perylene-bisimides. <i>Chemical Communications</i> , 2012, 48, 7961.	2.2	49
28	Changes in the Volatile Compound Production of Fermentations Made from Musts with Increasing Grape Content. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1153-1164.	2.4	43
29	Metagenomic Exploration of the Marine Sponge <i>Mycale hentscheli</i> Uncovers Multiple Polyketide-Producing Bacterial Symbionts. <i>MBio</i> , 2020, 11, .	1.8	43
30	Reactive oxygen species mediated apoptosis of esophageal cancer cells induced by marine triprenyl toluquinones and toluhydroquinones. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 2535-2543.	1.9	42
31	Correction of F508del-CFTR Trafficking by the Sponge Alkaloid Latonduine Is Modulated by Interaction with PARP. <i>Chemistry and Biology</i> , 2012, 19, 1288-1299.	6.2	42
32	Clathriol, a Novel Polyoxygenated 14 $\beta$ Steroid Isolated from the New Zealand Marine Sponge <i>Clathria lissosclera</i> . <i>Journal of Natural Products</i> , 2002, 65, 598-600.	1.5	38
33	Autophagy-Modulating Aminosteroids Isolated from the Sponge <i>Cliona celata</i> . <i>Organic Letters</i> , 2008, 10, 2959-2962.	2.4	38
34	Polycyclic Hybrid Isoprenoids from a Reed Rhizosphere Soil Derived <i>Streptomyces</i> sp. CHQ-64. <i>Journal of Natural Products</i> , 2013, 76, 759-763.	1.5	35
35	Malonganenones C, novel tetraprenylated alkaloids from the Mozambique gorgonian <i>Leptogorgia gilchristi</i> . <i>Tetrahedron</i> , 2006, 62, 2200-2206.	1.0	34
36	Potent Human $\alpha$ -Amylase Inhibition by the $\beta$ -Defensin-like Protein Helianthamide. <i>ACS Central Science</i> , 2016, 2, 154-161.	5.3	32

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37	Lamellarin Sulfates from the Pacific Tunicate <i>Didemnum ternerratum</i> . <i>Journal of Natural Products</i> , 2019, 82, 2000-2008.	1.5	29
38	Facile synthesis of new hierarchical aluminosilicate inorganic polymer solid acids and their catalytic performance in alkylation reactions. <i>Microporous and Mesoporous Materials</i> , 2017, 241, 316-325.	2.2	27
39	Polyhalogenated Indoles from the Red Alga <i>Rhodophyllis membranacea</i> : The First Isolation of Bromo-Chloro-Iodo Secondary Metabolites. <i>Journal of Natural Products</i> , 2016, 79, 463-469.	1.5	26
40	Novel Anti-Inflammatory Spongian Diterpenes from the New Zealand Marine Sponge <i>Chelonaplysilla violacea</i> . <i>European Journal of Organic Chemistry</i> , 2004, 2004, 419-425.	1.2	24
41	Phospholipid fatty acid (PLFA) analysis as a tool to estimate absolute abundances from compositional 16S rRNA bacterial metabarcoding data. <i>Journal of Microbiological Methods</i> , 2021, 188, 106271.	0.7	24
42	Genome mining, isolation, chemical synthesis and biological evaluation of a novel lanthipeptide, tikitericin, from the extremophilic microorganism <i>Thermogemmatispora</i> strain T81. <i>Chemical Science</i> , 2018, 9, 7311-7317.	3.7	23
43	Identification and Bioactivity of 3-epi-Xestoaminol C Isolated from the New Zealand Brown Alga <i>Xiphophora chondrophylla</i> . <i>Journal of Natural Products</i> , 2014, 77, 1519-1523.	1.5	22
44	Antiesophageal Cancer Activity from Southern African Marine Organisms. <i>Annals of the New York Academy of Sciences</i> , 2005, 1056, 405-412.	1.8	21
45	Makaluvic Acids from the South African Latrunculid Sponge <i>Strongyloidesmaaliwaliensis</i> . <i>Journal of Natural Products</i> , 2005, 68, 506-510.	1.5	21
46	Clathriol B, a New $14\beta$ Marine Sterol from the New Zealand Sponge <i>Clathria lissosclera</i> . <i>Australian Journal of Chemistry</i> , 2003, 56, 279.	0.5	20
47	Novel pyrroloquinoline ribosides from the South African latrunculid sponge <i>Strongyloidesma aliwaliensis</i> . <i>Tetrahedron Letters</i> , 2004, 45, 9415-9418.	0.7	20
48	The algal metabolite yessotoxin affects heterogeneous nuclear ribonucleoproteins in HepG2 cells. <i>Proteomics</i> , 2009, 9, 2529-2542.	1.3	20
49	Enhanced disease reduction using clozapine, an atypical antipsychotic agent, and glatiramer acetate combination therapy in experimental autoimmune encephalomyelitis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2017, 3, 205521731769872.	0.5	20
50	Bioactivity-Guided Metabolite Profiling of Feijoa ( <i>Acca sellowiana</i> ) Cultivars Identifies 4-Cyclopentene-1,3-dione as a Potent Antifungal Inhibitor of Chitin Synthesis. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 5531-5539.	2.4	19
51	Zampanolides B-E from the Marine Sponge <i>Cacospongia mycofijiensis</i> : Potent Cytotoxic Macrolides with Microtubule-Stabilizing Activity. <i>Journal of Natural Products</i> , 2018, 81, 2539-2544.	1.5	17
52	Two pathogens change cuticular hydrocarbon profiles but neither elicit a social behavioural change in infected honey bees, <i>Apis mellifera</i> ( <i>Apis mellifera</i> ) ( <i>Apidae</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock10 Tf 50 167 Td (&lt;sc</i>		
53	Halogenated Meroditerpenoids from a South Pacific Collection of the Red Alga <i>Callophycus serratus</i> . <i>Journal of Natural Products</i> , 2018, 81, 2446-2454.	1.5	16
54	Hydroarylation of olefins catalysed by a dimeric ytterbium(II) alkyl. <i>Nature Communications</i> , 2021, 12, 3147.	5.8	16

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55	Skyllamycins D and E, Non-Ribosomal Cyclic Depsipeptides from Lichen-Sourced <i>Streptomyces anulatus</i> . <i>Journal of Natural Products</i> , 2021, 84, 2536-2543.	1.5	15
56	Lipophilic toxicity from the marine dinoflagellate <i>Karenia brevisulcata</i> : use of the brevetoxin neuroblastoma assay to assess toxin presence and concentration. <i>Toxicon</i> , 2005, 46, 441-445.	0.8	14
57	Cyclic 3-Alkyl Pyridinium Alkaloid Monomers from a New Zealand <i>Haliclona</i> sp. Marine Sponge. <i>Journal of Natural Products</i> , 2013, 76, 1997-2001.	1.5	14
58	Sub-lethal effects of permethrin exposure on a passerine: implications for managing ectoparasites in wild bird nests. , 2020, 8, coaa076.		14
59	Structure of Echivulgarine, a Pyrrolizidine Alkaloid Isolated from the Pollen of <i>Echium vulgare</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 7421-7427.	2.4	13
60	Pyrroloquinoline derivatives from a Tongan specimen of the marine sponge <i>Strongylodesma tongaensis</i> . <i>Tetrahedron Letters</i> , 2019, 60, 1825-1829.	0.7	13
61	Identification, library synthesis and anti-vibriosis activity of 2-benzyl-4-chlorophenol from cultures of the marine bacterium <i>Shewanella halifaxensis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3086-3088.	1.0	11
62	Metathramycin, a new bioactive aureolic acid discovered by heterologous expression of a metagenome derived biosynthetic pathway. <i>RSC Chemical Biology</i> , 2021, 2, 556-567.	2.0	11
63	The protein synthesis inhibitors mycalamides A and E have limited susceptibility toward the drug efflux network. <i>Journal of Biochemical and Molecular Toxicology</i> , 2012, 26, 94-100.	1.4	10
64	Studies of the H <sup>2</sup> D exchange mechanism of malonganenone B. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1725.	1.5	9
65	Targeted Isolation of Rubrolides from the New Zealand Marine Tunicate <i>Synoicum kuranui</i> . <i>Marine Drugs</i> , 2020, 18, 337.	2.2	9
66	Inorganic polymers as novel chromatographic stationary phase media. <i>Ceramics International</i> , 2014, 40, 3553-3560.	2.3	8
67	Accurate prediction of the optical rotation and NMR properties for highly flexible chiral natural products. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 24506-24510.	1.3	8
68	Single compounds elicit complex behavioural responses in wild, free-ranging rats. <i>Scientific Reports</i> , 2018, 8, 12588.	1.6	8
69	Non-detection of honeybee hive contamination following <i>Vespula</i> wasp baiting with protein containing fipronil. <i>PLoS ONE</i> , 2018, 13, e0206385.	1.1	8
70	Costatone A New Halogenated Monoterpene from the New Zealand Red Alga <i>Plocamium angustum</i> . <i>Marine Drugs</i> , 2019, 17, 418.	2.2	8
71	Hydrated Rubrolides from the New Zealand Tunicate <i>Synoicum kuranui</i> . <i>Journal of Natural Products</i> , 2021, 84, 544-547.	1.5	8
72	Localisation of clozapine during experimental autoimmune encephalomyelitis and its impact on dopamine and its receptors. <i>Scientific Reports</i> , 2021, 11, 2966.	1.6	8

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73	Marine-derived Polyaromatic Butenolides - Isolation, Synthesis and Biological Evaluations. <i>Current Pharmaceutical Design</i> , 2020, 26, 4351-4361.	0.9	8
74	Functional genomics and metabolomics advance the ethnobotany of the Samoan traditional medicine "matalafi". <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	8
75	Kinase-Inhibitory Nucleoside Derivatives from the Pacific Bryozoan <i>Nelliella nelliiformis</i> . <i>Journal of Natural Products</i> , 2020, 83, 547-551.	1.5	7
76	Transformations of hispanolone. Novel Michael adducts with in planta activity against rice blast. <i>Tetrahedron</i> , 2005, 61, 8493-8498.	1.0	5
77	Screening for Small Molecule Modulators of <i>Trypanosoma brucei</i> Hsp70 Chaperone Activity Based upon Alcyonarian Coral-Derived Natural Products. <i>Marine Drugs</i> , 2020, 18, 81.	2.2	5
78	Fermentation-Guided Natural Products Isolation of a Grape Berry Triacylglyceride that Enhances Ethyl Ester Production. <i>Molecules</i> , 2018, 23, 152.	1.7	4
79	Two new 4-methylidene containing steroids, craterol A and B, from the New Zealand two sponge association between <i>Stelletta crater</i> and <i>Desmacella dendyi</i> . <i>Steroids</i> , 2019, 141, 9-13.	0.8	3
80	Natural Products from Tongan Marine Organisms. <i>Molecules</i> , 2021, 26, 4534.	1.7	3
81	Thylakoid fatty acid composition and response to short-term cold and heat stress in high-latitude Symbiodiniaceae. <i>Coral Reefs</i> , 2022, 41, 343-353.	0.9	3
82	An Acetylenic Lipid from the New Zealand Ascidian <i>Pseudodistoma cereum</i> : Exemplification of an Improved Workflow for Determination of Absolute Configuration of Long-Chain 2-Amino-3-alkanols. <i>Journal of Natural Products</i> , 2019, 82, 2291-2298.	1.5	2
83	Integrating biochemical and behavioral approaches to develop a bait to manage the invasive yellow paper wasp <i>Polistes versicolor</i> (Hymenoptera, Vespidae) in the Galapagos Islands. <i>Neotropical Biodiversity</i> , 2022, 8, 271-280.	0.2	2
84	Characterization of marine-derived halogenated indoles as ligands of the aryl hydrocarbon receptor. <i>Toxicology Reports</i> , 2022, 9, 1198-1203.	1.6	1
85	Antiinflammatory Metabolites from Marine Sponges. <i>ChemInform</i> , 2005, 36, no.	0.1	0