Julia Kubanek

List of Publications by Year
in descending order

57 papers	2,608 citations	186209 28 h-index	189801 50 g-index
60 all docs	60 docs citations	60 times ranked	2901 citing authors

#	Article	IF	Citations
1	Predator cues target signaling pathways in toxic algal metabolome. Limnology and Oceanography, 2022, 67, 1227-1237.	1.6	7
2	Marine Natural Products as Leads against SARS-CoV-2 Infection. Journal of Natural Products, 2022, 85, 657-665.	1.5	21
3	Antibiotic Activity Altered by Competitive Interactions Between Two Coral Reefâ€“Associated Bacteria. Microbial Ecology, 2022, , 1.	1.4	0
4	Differentiating toxic and nontoxic congeneric harmful algae using the non-polar metabolome. Harmful Algae, 2021, 110, 102129.	2.2	2
5	Comparative transcriptomics supports the presence of G proteinâ€coupled receptorâ€based signaling in unicellular marine eukaryotes. Limnology and Oceanography, 2020, 65, 762-774.	1.6	8
6	A blueprint for academic laboratories to produce SARS-CoV-2 quantitative RT-PCR test kits. Journal of Biological Chemistry, 2020, 295, 15438-15453.	1.6	31
7	Pentagalloyl glucose from Schinus terebinthifolia inhibits growth of carbapenem-resistant Acinetobacter baumannii. Scientific Reports, 2020, 10, 15340.	1.6	9
8	Antimalarial Peptide and Polyketide Natural Products from the Fijian Marine Cyanobacterium Moorea producens. Marine Drugs, 2020, 18, 167.	2.2	29
9	Harmful alga trades off growth and toxicity in response to cues from dead phytoplankton. Limnology and Oceanography, 2020, 65, 1723-1733.	1.6	10
10	Microbial and chemical dynamics of a toxic dinoflagellate bloom. PeerJ, 2020, 8, e9493.	0.9	9
11	New methods for isolation and structure determination of natural products. Natural Product Reports, 2019, 36, 942-943.	5.2	8
12	Chemical ecology of the marine plankton. Natural Product Reports, 2019, 36, 1093-1116.	5.2	39
13	Peyssonnosides Aâ€“B, Unusual Diterpene Glycosides with a Sterically Encumbered Cyclopropane Motif: Structure Elucidation Using an Integrated Spectroscopic and Computational Workflow. Journal of Organic Chemistry, 2019, 84, 8531-8541.	1.7	26
14	A marine chemical defense partnership. Science, 2019, 364, 1034-1035.	6.0	4
15	Antibacterial Oligomeric Polyphenols from the Green Alga Cladophora socialis. Journal of Organic Chemistry, 2019, 84, 5035-5045.	1.7	22
16	Recent trends in the structural revision of natural products. Natural Product Reports, 2018, 35, 514-531.	5.2	129
17	Molecules as Biotic Messengers. ACS Omega, 2018, 3, 4048-4053.	1.6	4
18	Variable allelopathy among phytoplankton reflected in red tide metabolome. Harmful Algae, 2018, 71, 50-56.	2.2	31

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19	Chemical encoding of risk perception and predator detection among estuarine invertebrates. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 662-667.	3.3	49
20	Karenia brevis allelopathy compromises the lipidome, membrane integrity, and photosynthesis of competitors. Scientific Reports, 2018, 8, 9572.	1.6	42
21	Iodinated Meroditerpenes from a Red Alga Callophycus sp.. Journal of Organic Chemistry, 2017, 82, 4160-4169.	1.7	16
22	Zebrafish aversive taste co-receptor is expressed in both chemo- and mechanosensory cells and plays a role in lateral line development. Scientific Reports, 2017, 7, 13475.	1.6	2
23	Chemical ecology of marine plankton. Natural Product Reports, 2016, 33, 843-860.	5.2	37
24	Predator lipids induce paralytic shellfish toxins in bloom-forming algae. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6395-6400.	3.3	125
25	Reception of Aversive Taste. Integrative and Comparative Biology, 2015, 55, 507-517.	0.9	12
26	Marine and terrestrial herbivores display convergent chemical ecology despite 400 million years of independent evolution. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12110-12115.	3.3	24
27	Poor resource quality lowers transmission potential by changing foraging behaviour. Functional Ecology, 2014, 28, 1245-1255.	1.7	35
28	Experimental validation of FINDSITEcomb virtual ligand screening results for eight proteins yields novel nanomolar and micromolar binders. Journal of Cheminformatics, 2014, 6, 16.	2.8	23
29	Are offshore phytoplankton susceptible to Karenia brevis allelopathy?. Journal of Plankton Research, 2014, 36, 1344-1356.	0.8	22
30	Thereâ€™s Something in the Water: Opportunities in Marine Chemical Ecology. Journal of Chemical Ecology, 2014, 40, 218-219.	0.9	2
31	Metabolomics and proteomics reveal impacts of chemically mediated competition on marine plankton. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9009-9014.	3.3	112
32	Pharmacokinetics, Metabolism, and in Vivo Efficacy of the Antimalarial Natural Product Bromophycolide A. ACS Medicinal Chemistry Letters, 2013, 4, 989-993.	1.3	9
33	Chemical ecology of the marine plankton. Natural Product Reports, 2013, 30, 1364.	5.2	20
34	Chemical defenses against herbivores and fungi limit establishment of fungal farms on salt marsh angiosperms. Journal of Experimental Marine Biology and Ecology, 2013, 446, 122-130.	0.7	9
35	Bromophycoic Acids: Bioactive Natural Products from a Fijian Red Alga Callophycus sp.. Journal of Organic Chemistry, 2012, 77, 8000-8006.	1.7	31
36	Chemical ecology of the marine plankton. Natural Product Reports, 2011, 28, 388-399.	5.2	46

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37	Bromophycolideâ€...A Targets Heme Crystallization in the Human Malaria Parasite Plasmodium falciparum. ChemMedChem, 2011, 6, 1572-1577.	1.6	21
38	Macroalgal terpenes function as allelopathic agents against reef corals. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17726-17731.	3.3	190
39	Ecological leads for natural product discovery: novel sesquiterpene hydroquinones from the red macroalga Peyssonnelia sp.. Tetrahedron, 2010, 66, 455-461.	1.0	47
40	Structure and biological evaluation of novel cytotoxic sterol glycosides from the marine red alga Peyssonnelia sp.. Bioorganic and Medicinal Chemistry, 2010, 18, 8264-8269.	1.4	31
41	Identification of RL-TGR, a coreceptor involved in aversive chemical signaling. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12339-12344.	3.3	14
42	Bioactive Bromophycolides Râ^'U from the Fijian Red Alga Callophycus serratus. Journal of Natural Products, 2010, 73, 275-278.	1.5	53
43	Characterization of allelopathic compounds from the red tide dinoflagellate Karenia brevis. Harmful Algae, 2010, 10, 39-48.	2.2	65
44	Antimalarial Bromophycolides Jâ^'Q from the Fijian Red Alga Callophycus serratus. Journal of Organic Chemistry, 2009, 74, 2736-2742.	1.7	77
45	Desorption electrospray ionization mass spectrometry reveals surface-mediated antifungal chemical defense of a tropical seaweed. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7314-7319.	3.3	200
46	Chemical ecology of the marine plankton. Natural Product Reports, 2009, 26, 729.	5.2	37
47	Competing phytoplankton undermines allelopathy of a bloom-forming dinoflagellate. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2733-2741.	1.2	45
48	Effects of harmful algal blooms on competitors: Allelopathic mechanisms of the red tide dinoflagellate Karenia brevis. Limnology and Oceanography, 2008, 53, 531-541.	1.6	107
49	Chemical defense of the red tide dinoflagellate Karenia brevis against rotifer grazing. Limnology and Oceanography, 2007, 52, 1026-1035.	1.6	46
50	Callophycoic Acids and Callophycols from the Fijian Red Alga Callophycus serratus. Journal of Organic Chemistry, 2007, 72, 7343-7351.	1.7	52
51	Bromophycolides Câ^'I from the Fijian Red AlgaCallophycusserratus. Journal of Natural Products, 2006, 69, 731-735.	1.5	49
52	A protein signal triggers sexual reproduction in Brachionus plicatilis (Rotifera). Marine Biology, 2006, 149, 763-773.	0.7	145
53	Does the red tide dinoflagellate Karenia brevis use allelopathy to outcompete other phytoplankton?. Limnology and Oceanography, 2005, 50, 883-895.	1.6	118
54	Antineoplastic Diterpeneâ^'Benzoate Macrolides from the Fijian Red AlgaCallophycus serratus. Organic Letters, 2005, 7, 5261-5264.	2.4	77

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55	Multiple defensive roles for triterpene glycosides from two Caribbean sponges. Oecologia, 2002, 131, 125-136.	0.9	144
56	Community and ecosystem level consequences of chemical cues in the plankton. Journal of Chemical Ecology, 2002, 28, 2001-2016.	0.9	64
57	Quorum Sensing in Rotifers. , 0, , 453-461.		16