

Charles S Vairappan

List of Publications by Year in descending order

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117
papers

2,538
citations

201674

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223800

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117
all docs

117
docs citations

117
times ranked

3018
citing authors

#	ARTICLE	IF	CITATIONS
1	Culture of Actinobacteria, Isolation and Characterization of their Bioactive Compounds. Springer Protocols, 2022, , 347-365.	0.3	0
2	Tropical forest dung beetleâ€mammal dung interaction networks remain similar across an environmental disturbance gradient. Journal of Animal Ecology, 2022, 91, 604-617.	2.8	6
3	Promotion of a green economy with the palm oil industry for biodiversity conservation: A touchstone toward a sustainable bioindustry. Journal of Bioscience and Bioengineering, 2022, 133, 414-424.	2.2	18
4	Riparian buffers can help mitigate biodiversity declines in oil palm agriculture. Frontiers in Ecology and the Environment, 2022, 20, 459-466.	4.0	9
5	Riparian buffers act as microclimatic refugia in oil palm landscapes. Journal of Applied Ecology, 2021, 58, 431-442.	4.0	27
6	Drivers of Bornean Orangutan Distribution across a Multiple-Use Tropical Landscape. Remote Sensing, 2021, 13, 458.	4.0	6
7	Camera-trapping assessment of terrestrial mammals and birds in rehabilitated forest in INIKEA Project Area, Sabah, Malaysian Borneo. Landscape and Ecological Engineering, 2021, 17, 135-146.	1.5	2
8	Antiparasitic Potential of Chromatographic Fractions of <i>Nephrolepis biserrata</i> and Liquid Chromatography-Quadrupole Time-of-Flight-Mass Spectrometry Analysis. Molecules, 2021, 26, 499.	3.8	6
9	Probiotic Fortified Seaweed Silage as Feed Supplement in Marine Hatcheries. , 2021, , 247-258.		2
10	Key Roles of Dipterocarpaceae, Bark Type Diversity and Tree Size in Lowland Rainforests of Northeast Borneoâ€Using Functional Traits of Lichens to Distinguish Plots of Old Growth and Regenerating Logged Forests. Microorganisms, 2021, 9, 541.	3.6	1
11	Two new epimers of C ₁₅ -acetogenin, 4- <i>epi</i> -isolaurallene and 4- <i>epi</i> -itomanallene A as diastereomeric model. Natural Product Research, 2020, 34, 1008-1013.	1.8	4
12	Terpenoids from Marine Soft Coral of the Genus <i>Xenia</i> in 1977 to 2019. Molecules, 2020, 25, 5386.	3.8	10
13	Bioactivities of Lyngbyabellins from Cyanobacteria of Moorea and Okeania Genera. Molecules, 2020, 25, 3986.	3.8	16
14	High-resolution chemical profiling and antiparasitic potential of the tropical shrub <i>Dillenia suffruticosa</i> . Fisheries Science, 2020, 86, 851-859.	1.6	4
15	Biosurfactants from Marine Cyanobacteria Collected in Sabah, Malaysia. Journal of Natural Products, 2020, 83, 1925-1930.	3.0	14
16	Two cytotoxic squalene-derived polyethers from the Japanese red alga <i>Chondria armata</i> . Natural Product Research, 2020, 35, 1-6.	1.8	2
17	Teanol, a new brominated sesquiterpene from the Thailand <i>Laurencia mariannensis</i> . Biochemical Systematics and Ecology, 2020, 92, 104093.	1.3	3
18	A New Epi-neoverrucosane-type Diterpenoid from the Liverwort <i>Pleurozia subinflata</i> in Borneo. Natural Products and Bioprospecting, 2020, 10, 51-56.	4.3	4

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19	Twenty-six new species of Hoploscopa (Lepidoptera, Crambidae) from South-East Asia revealed by morphology and DNA barcoding. ZooKeys, 2020, 907, 1-99.	1.1	4
20	New cembrane-type diterpenoids from Bornean soft coral <i>Nephthea</i> sp. with antifungal activity against <i>Lagenidium thermophilum</i>. Natural Product Research, 2019, 33, 3343-3349.	1.8	8
21	A New Bioactive Cembranolide Sarcophytonolide V from Bornean Soft Coral Genus Sarcophyton. Natural Product Communications, 2019, 14, 1934578X1986837.	0.5	2
22	Cytotoxic Sesquiterpenoids From Soft Soral <i>Capnella imbricata</i>. Natural Product Communications, 2019, 14, 1934578X1985749.	0.5	1
23	New dataset of foliicolous lichens on leaves of five major species of Dipterocarpaceae in INIKEA forest rehabilitation plot of Borneo. Data in Brief, 2019, 27, 104422.	1.0	0
24	Cytotoxicity and Antibacterial Potential of Halogenated Chamigrenes from Malaysian Red Alga, Laurencia majuscula. Planta Medica International Open, 2019, 6, e36-e40.	0.5	2
25	Sinulaflexiolide P, A Cembrane-Type Diterpenoid from Bornean Soft Coral Sinularia flexibilis. Chemistry of Natural Compounds, 2019, 55, 285-288.	0.8	7
26	Aptamine-Related Alkaloid from the Marine Sponge Aaptos aaptos. Natural Product Communications, 2019, 14, 1934578X1986393.	0.5	6
27	Termites mitigate the effects of drought in tropical rainforest. Science, 2019, 363, 174-177.	12.6	98
28	Riparian buffers in tropical agriculture: Scientific support, effectiveness and directions for policy. Journal of Applied Ecology, 2019, 56, 85-92.	4.0	100
29	New anti-bacterial halogenated tricyclic sesquiterpenes from Bornean <i>Laurencia majuscula</i> (Harvey) Lucas. Natural Product Research, 2019, 33, 464-471.	1.8	16
30	Leucoxenols A and B, two new phenolics from Bornean medicinal plant Syzygium leucoxydon. Journal of Asian Natural Products Research, 2019, 21, 435-441.	1.4	5
31	Nangallenes A and B, halogenated nonterpenoid C ₁₅ -acetogenins from the Bornean red alga <i>Laurencia nangii</i>. Journal of Asian Natural Products Research, 2019, 21, 241-247.	1.4	4
32	12- <i>Epi</i> -9-deacetoxyxenicin, new cytotoxic diterpenoid from a Bornean soft coral, <i>Xenia</i> sp.. Natural Product Research, 2019, 33, 808-813.	1.8	5
33	A regional study of the genus Phyllopsora (Ramalinaceae) in Asia and Melanesia. MycoKeys, 2019, 53, 23-72.	1.9	5
34	Halogenated chamigrane sesquiterpenes from Bornean Laurencia majuscula. Journal of Applied Phycology, 2018, 30, 3373-3378.	2.8	8
35	Logging disturbance shifts net primary productivity and its allocation in Bornean tropical forests. Global Change Biology, 2018, 24, 2913-2928.	9.5	98
36	15-deoxy-isoxeniolide-A, new diterpenoid from a bornean soft coral, Xenia sp.. Natural Product Research, 2018, 32, 202-207.	1.8	8

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37	Two new clerodane-type diterpenoids from Bornean liverwort <i>Gottschelia schizopleura</i> and their cytotoxic activity. <i>Natural Product Research</i> , 2018, 32, 1832-1837.	1.8	4
38	Impact of Land-use Change on Vertical Soil Bacterial Communities in Sabah. <i>Microbial Ecology</i> , 2018, 75, 459-467.	2.8	14
39	A New Guaiane-type Sesquiterpenoid from a Bornean Soft Coral, <i>Xenia stellifera</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	3
40	Chemical Composition and Antibacterial Activity of Bornean Medicinal Ginger <i>Alpinia aquatica</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	1
41	Cytotoxic and Antifungal Terpenoids from Bornean Soft Coral, <i>Sinularia flexibilis</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	5
42	A New Cembrane, from Soft Coral Genus <i>Sarcophyton</i> in Borneo. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	2
43	Paralemnolins V and W, New Nardosinane-Type Sesquiterpenoids from a Bornean Soft Coral, <i>Lemnalia</i> sp.. <i>Chemistry of Natural Compounds</i> , 2018, 54, 903-906.	0.8	3
44	Global dung webs: high trophic generalism of dung beetles along the latitudinal diversity gradient. <i>Ecology Letters</i> , 2018, 21, 1229-1236.	6.4	46
45	Bioactive Cembranoids from the Soft Coral Genus <i>Sinularia</i> sp. in Borneo. <i>Marine Drugs</i> , 2018, 16, 99.	4.6	29
46	<i>In vitro</i> Inhibitory Effects of Two Bornean Medicinal Wild Gingers against Pathogenic <i>Lagenidium thermophilum</i> Infected Mud Crab <i>Scylla tranquebarica</i>. <i>Biocontrol Science</i> , 2018, 23, 35-39.	0.8	2
47	Neoiriepenaol and nangenyne, halogenated diterpenoid and C15-acetogenin from red alga <i>Laurencia nangii</i> Masuda collected in Borneo. <i>Journal of Applied Phycology</i> , 2018, 30, 3379-3386.	2.8	2
48	Phillipsins A and B from <i>Zingiber phillipsii</i> Mood & Theilade in Borneo. <i>Records of Natural Products</i> , 2018, 12, 317-322.	1.3	3
49	Cytotoxic Sesterterpenoids from Bornean Sponge <i>Spongia</i> sp.. <i>Records of Natural Products</i> , 2018, 12, 643-647.	1.3	10
50	Three new species of <i>Krogia</i> (Ramalinaceae, lichenised Ascomycota) from the Paleotropics. <i>MycKeys</i> , 2018, 40, 69-88.	1.9	6
51	New Prenylated Bibenzyls from Bornean Liverwort <i>Acrobolbus saccatus</i> . <i>Heterocycles</i> , 2018, 96, 1958.	0.7	3
52	Columbamides D and E: Chlorinated Fatty Acid Amides from the Marine Cyanobacterium <i>Moorea bouillonii</i> Collected in Malaysia. <i>Organic Letters</i> , 2017, 19, 4231-4234.	4.6	22
53	Capgermacrenes D-G, new sesquiterpenoids from a Bornean soft coral, <i>Capnella imbricata</i> . <i>Natural Product Research</i> , 2017, 31, 742-748.	1.8	10
54	Non-halogenated new sesquiterpenes from Bornean <i>Laurencia snackeyi</i> . <i>Natural Product Research</i> , 2017, 31, 333-340.	1.8	17

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55	New Marine Antifouling Compounds from the Red Alga <i>Laurencia</i> sp.. <i>Marine Drugs</i> , 2017, 15, 267.	4.6	26
56	Chemical Composition and Antioxidant Activities of Catfish Epidermal Mucus. <i>Journal of Advanced Agricultural Technologies</i> , 2017, 4, 73-77.	0.2	2
57	New Pimarane-Type Diterpenoid and ent-Eudesmane-Type Sesquiterpenoid from Bornean Liverwort <i>Mastigophora diclados</i> . <i>Records of Natural Products</i> , 2017, 11, 508-513.	1.3	4
58	Capgermacrene C, a New Sesquiterpenoid from a Bornean Soft Coral, <i>Capnella</i> sp.. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	2
59	16-Hydroxycembra-1,3,7,11-tetraene, a new Cembrane Diterpene from Malaysian Soft Coral Genus <i>Sarcophyton</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	4
60	Unusually high genetic diversity in the Bornean <i>Limnonectes kuhlii</i> -like fanged frogs (Anura:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 542 T</i>	2.7	7
61	Three new cembranoids from the Bornean soft coral <i>Nephthea</i> sp.. <i>Journal of Asian Natural Products Research</i> , 2016, 18, 415-422.	1.4	12
62	A new cembrane-type diterpenoid from Bornean liverwort <i>Chandonanthus hirtellus</i> . <i>Journal of Asian Natural Products Research</i> , 2016, 18, 690-696.	1.4	8
63	Two New Lobane Diterpenes from a Bornean Soft Coral <i>Sinularia</i> sp. <i>Natural Product Communications</i> , 2016, 11, 899-900.	0.5	10
64	Capgermacrene C, a New Sesquiterpenoid from a Bornean Soft Coral, <i>Capnella</i> sp. <i>Natural Product Communications</i> , 2016, 11, 1065-1066.	0.5	5
65	16-Hydroxycembra-1,3,7,11-tetraene, a new Cembrane Diterpene from Malaysian Soft Coral Genus <i>Sarcophyton</i> . <i>Natural Product Communications</i> , 2016, 11, 1077-1078.	0.5	10
66	RANDOM AMPLIFICATION POLYMORPHIC DNA-PCR (RAPD) ANALYSIS OF <i>Vibrio alginolyticus</i> STRAINS ISOLATED FROM GREEN MUSSELS (<i>Perna viridis</i>) IN MARUDU BAY, SABAH. <i>Jurnal Teknologi (Sciences and)</i> <i>Tj ETQq0 0 0 rgBT /Overlock</i>	0.0	0
67	New Laurene-type Sesquiterpene from Bornean <i>Laurencia nangii</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	5
68	Capgermacrenes A and B, Bioactive Secondary Metabolites from a Bornean Soft Coral, <i>Capnella</i> sp.. <i>Marine Drugs</i> , 2015, 13, 3103-3115.	4.6	16
69	Manoalide-related Sesterterpene from the Marine Sponge <i>Luffariella variabilis</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	1
70	Specimens as primary data: museums and "open science"™. <i>Trends in Ecology and Evolution</i> , 2015, 30, 237-238.	8.7	61
71	Effect of Preparation and Extraction Parameters of Banana (<i>Musa balbisiana</i> cv. Saba) Inflorescence on their Antibacterial Activities. <i>Sains Malaysiana</i> , 2015, 44, 1301-1307.	0.5	6
72	New Laurene-type Sesquiterpene from Bornean <i>Laurencia nangii</i> . <i>Natural Product Communications</i> , 2015, 10, 843-4.	0.5	8

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73	2-Acetoxyverecynarmin C, a New Briarane COX Inhibitory Diterpenoid from <i>Pennatula aculeata</i> . Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	4
74	Assessment of anti-inflammatory effect of 5 ^β -hydroxypalisadin B isolated from red seaweed <i>Laurencia snackeyi</i> in zebrafish embryo in vivo model. Environmental Toxicology and Pharmacology, 2014, 37, 110-117.	4.0	45
75	Effects of improved post-harvest handling on the chemical constituents and quality of carrageenan in red alga, <i>Kappaphycus alvarezii</i> Doty. Journal of Applied Phycology, 2014, 26, 909-916.	2.8	15
76	Effect of epiphyte infection on physical and chemical properties of carrageenan produced by <i>Kappaphycus alvarezii</i> Doty (Solieriaceae, Gigartinales, Rhodophyta). Journal of Applied Phycology, 2014, 26, 923-931.	2.8	22
77	Chemical relationship between red algae genus <i>Laurencia</i> and sea hare (<i>Aplysia dactylomela</i> Rang) in the North Borneo Island. Journal of Applied Phycology, 2014, 26, 1199-1205.	2.8	14
78	Nutritional and bioactive properties of three edible species of green algae, genus <i>Caulerpa</i> (Caulerpaceae). Journal of Applied Phycology, 2014, 26, 1019-1027.	2.8	81
79	Structural diversity and geographical distribution of halogenated secondary metabolites in red algae, <i>Laurencia nangii</i> Masuda (Rhodomelaceae, Ceramiales), in the coastal waters of North Borneo Island. Journal of Applied Phycology, 2014, 26, 1189-1198.	2.8	11
80	5 ^β -Hydroxypalisadin B isolated from red alga <i>Laurencia snackeyi</i> attenuates inflammatory response in lipopolysaccharide-stimulated RAW 264.7 macrophages. Algae, 2014, 29, 333-341.	2.3	21
81	Anti-inflammatory activity of halogenated secondary metabolites of <i>Laurencia snackeyi</i> (Weber-van) Tj ETQq1 1805-1813.	0.784314	37
82	Anticancer activity and mediation of apoptosis in human HL-60 leukaemia cells by edible sea cucumber (<i>Holothuria edulis</i>) extract. Food Chemistry, 2013, 139, 326-331.	8.2	57
83	Secondary metabolites from rhizome of <i>Curcuma caesia</i> Roxb. (Zingiberaceae). Biochemical Systematics and Ecology, 2013, 48, 107-110.	1.3	16
84	New Bioactive Secondary Metabolites from Bornean Red Alga, <i>Laurencia similis</i> (Ceramiales). Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	4
85	Efficacy of Carbazole Alkaloids, Essential Oil and Extract of <i>Murraya koenigii</i> in Enhancing Subcutaneous Wound Healing in Rats. Molecules, 2012, 17, 14449-14463.	3.8	33
86	A New Bromoallene-Producing Chemical Type of the Red Alga <i>Laurencia nangii</i> Masuda. Molecules, 2012, 17, 2119-2125.	3.8	28
87	Essential Oil Composition, Cytotoxic and Antibacterial Activities of Five <i>Etlingera</i> Species from Borneo. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	6
88	Chemotaxonomical Markers in Essential Oil of <i>Murraya koenigii</i> . Natural Product Communications, 2012, 7, 1934578X1200701.	0.5	3
89	Essential oil composition, cytotoxic and antibacterial activities of five <i>Etlingera</i> species from Borneo. Natural Product Communications, 2012, 7, 239-42.	0.5	11
90	Biological Activity of Carbazole Alkaloids and Essential Oil of <i>Murraya koenigii</i> Against Antibiotic Resistant Microbes and Cancer Cell Lines. Molecules, 2011, 16, 9651-9664.	3.8	100

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91	Halogenated chamigranes of red alga <i>Laurencia snackeyi</i> (Weber-van Bosse) Masuda from Sulu-Sulawesi Sea. <i>Biochemical Systematics and Ecology</i> , 2011, 39, 213-215.	1.3	8
92	A new bisabolane-type sesquiterpenoid from <i>Curcuma domestica</i> . <i>Biochemical Systematics and Ecology</i> , 2011, 39, 864-867.	1.3	11
93	Antibacterial Activities of a New Brominated Diterpene from Bornean <i>Laurencia</i> spp.. <i>Marine Drugs</i> , 2010, 8, 1743-1749.	4.6	36
94	Role of secondary metabolites as defense chemicals against ice-ice disease bacteria in biofouler at carrageenophyte farms. <i>Journal of Applied Phycology</i> , 2010, 22, 305-311.	2.8	55
95	Antibacterial Activity of Marine Source Extracts Against Multidrug Resistance Organisms. <i>American Journal of Pharmacology and Toxicology</i> , 2010, 5, 95-102.	0.7	25
96	A New Cembrane Diterpene from the Bornean Soft Coral <i>Nephthea</i> sp.. <i>Molecules</i> , 2010, 15, 3857-3862.	3.8	12
97	Bioactive secondary metabolites from the Bornean soft corals of the genus <i>Nephthea</i> . <i>Malaysian Journal of Science</i> , 2010, 29, 262-268.	0.3	4
98	A New 4 β -Methylated Sterol from a <i>Nephthea</i> sp. (<i>Nephtheidae</i>) Bornean Soft Coral. <i>Molecules</i> , 2009, 14, 3360-3366.	3.8	12
99	A New Norsesquiterpenoid from a Bornean Soft Coral Genus <i>Nephthea</i> . <i>Molecules</i> , 2009, 14, 4591-4596.	3.8	13
100	C-15 Halogenated Acetogenin with Antibacterial Activity against Food Pathogens. <i>Malaysian Journal of Science</i> , 2009, 28, 263-268.	0.3	8
101	Diet-Derived Halogenated Metabolite from the Sea Hare <i>Aplysia parvula</i> . <i>Malaysian Journal of Science</i> , 2009, 28, 269-273.	0.3	5
102	Distribution and symptoms of epiphyte infection in major carrageenophyte-producing farms. <i>Journal of Applied Phycology</i> , 2008, 20, 477-483.	2.8	114
103	Palm oil mill effluent (POME) cultured marine microalgae as supplementary diet for rotifer culture. <i>Journal of Applied Phycology</i> , 2008, 20, 603-608.	2.8	50
104	Antibacterial activity of halogenated sesquiterpenes from Malaysian <i>Laurencia</i> spp.. <i>Phytochemistry</i> , 2008, 69, 2490-2494.	2.9	64
105	Distribution and symptoms of epiphyte infection in major carrageenophyte-producing farms. , 2007, , 27-33.		2
106	Absolute configurations of endoperoxides determined by vibrational circular dichroism (VCD). <i>Tetrahedron Letters</i> , 2006, 47, 4389-4392.	1.4	31
107	Seasonal Occurrences of Epiphytic Algae on the Commercially Cultivated Red Alga <i>Kappaphycus Alvarezii</i> (<i>Solieriaceae</i> , <i>Gigartinales</i> , <i>Rhodophyta</i>). <i>Journal of Applied Phycology</i> , 2006, 18, 611-617.	2.8	116
108	Absolute configurations of brominated sesquiterpenes determined by vibrational circular dichroism. <i>Chirality</i> , 2006, 18, 335-339.	2.6	34

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109	Halogenated metabolites from Japanese <i>Laurencia</i> spp.. <i>Phytochemistry</i> , 2005, 66, 2787-2793.	2.9	24
110	Potent Antibacterial Activity of Halogenated Compounds against Antibiotic-Resistant Bacteria. <i>Planta Medica</i> , 2004, 70, 1087-1090.	1.3	73
111	Potent antibacterial activity of halogenated metabolites from Malaysian red algae, <i>Laurencia majuscula</i> (Rhodomelaceae, Ceramiales). <i>New Biotechnology</i> , 2003, 20, 255-259.	2.7	113
112	Bacterial dynamics associated with algal antibacterial substances during post harvest desiccation process of <i>Sargassum stolonifolium</i> Phang et Yoshida. <i>Indian Journal of Experimental Biology</i> , 2003, 41, 837-45.	0.0	1
113	Novel Halogenated Metabolites from the Malaysian <i>Laurencia pannonia</i> 1. <i>Journal of Natural Products</i> , 2001, 64, 597-602.	3.0	48
114	Antibacterial halogenated metabolites from the Malaysian <i>Laurencia</i> species. <i>Phytochemistry</i> , 2001, 58, 291-297.	2.9	114
115	Halogenated metabolites with antibacterial activity from the Okinawan <i>Laurencia</i> species. <i>Phytochemistry</i> , 2001, 58, 517-523.	2.9	86
116	Title is missing!. <i>Hydrobiologia</i> , 2001, 445, 183-191.	2.0	63
117	Dynamics of total surface bacteria and bacterial species counts during desiccation in the Malaysian sea lettuce, <i>Ulva reticulata</i> (Ulvales, Chlorophyta). <i>Phycological Research</i> , 2000, 48, 55-61.	1.6	28