

Arihiro Iwasaki

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Targeted Discovery of Amantamide B, an Ion Channel Modulating Nonapeptide from a South China Sea <i>Oscillatoria</i> Cyanobacterium. <i>Journal of Natural Products</i> , 2022, 85, 493-500.	1.5	2
2	Assessment of Allelopathic Potential of <i>Senna garrettiana</i> Leaves and Identification of Potent Phytotoxic Substances. <i>Agronomy</i> , 2022, 12, 139.	1.3	12
3	Allelopathy of the Medicinal Plant <i>Dregea volubilis</i> (L.f.) Benth. ex Hook.f. and Its Phytotoxic Substances with Allelopathic Activity. <i>Agronomy</i> , 2022, 12, 303.	1.3	9
4	Allelopathy and Allelopathic Substances of Fossil Tree Species <i>Metasequoia glyptostroboides</i> . <i>Agronomy</i> , 2022, 12, 83.	1.3	6
5	Odookeanynes A and B, Acetylene-Containing Lipopeptides from an <i>Okeania</i> sp. Marine Cyanobacterium. <i>Journal of Natural Products</i> , 2022, 85, 169-175.	1.5	5
6	Isolation of Caldorazole, a Thiazole-Containing Polyketide with Selective Cytotoxicity under Glucose-Restricted Conditions. <i>Organic Letters</i> , 2022, 24, 4547-4551.	2.4	8
7	Isolation and Total Synthesis of Beruamide, an Antitrypanosomal Polyketide from a Marine Cyanobacterium <i>Okeania</i> sp.. <i>Organic Letters</i> , 2022, 24, 4710-4714.	2.4	7
8	Structural Determination, Total Synthesis, and Biological Activity of lezoside, a Highly Potent Ca ²⁺ -ATPase Inhibitor from the Marine Cyanobacterium <i>Leptochromothrix valpauliae</i> . <i>Journal of the American Chemical Society</i> , 2022, 144, 11019-11032.	6.6	16
9	Allelopathic Activity of a Novel Compound, 5,6-Dihydrogen-11 β -O-acetyl-12 β -O-tigloyl-17 β -marsdenin, and a Known Steroidal Glycoside from the Leaves of <i>Marsdenia tenacissima</i> (Roxb.) Moon. <i>Agronomy</i> , 2022, 12, 1536.	1.3	6
10	Phytotoxic Activity and Growth Inhibitory Substances from <i>Albizia richardiana</i> (Voigt.) King & Prain. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1455.	1.3	10
11	Bioorganic Study of New Natural Products Isolated from Marine Cyanobacteria. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2021, 79, 133-144.	0.0	1
12	Identification and Application of Bioactive Compounds from <i>Garcinia xanthochymus</i> Hook. for Weed Management. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2264.	1.3	13
13	Isolation and identification of three potential phytotoxic compounds from <i>Chrysopogon aciculatus</i> (Retz.) Trin. <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	1.0	4
14	Komesuamide and odopenicillatamide, two linear lipopeptides from the marine cyanobacterium <i>Caldora penicillata</i> . <i>Tetrahedron</i> , 2021, 85, 131969.	1.0	2
15	Motobamide, an Antitrypanosomal Cyclic Peptide from a <i>Leptolyngbya</i> sp. Marine Cyanobacterium. <i>Journal of Natural Products</i> , 2021, 84, 1649-1655.	1.5	13
16	Lingaoamide, a cyclic heptapeptide from a Chinese freshwater cyanobacterium <i>Oscillatoria</i> sp.. <i>Tetrahedron Letters</i> , 2021, 75, 153214.	0.7	1
17	Metabolomic Characterization of a cf. <i>Neolyngbya</i> Cyanobacterium from the South China Sea Reveals Wenchangamide A, a Lipopeptide with In Vitro Apoptotic Potential in Colon Cancer Cells. <i>Marine Drugs</i> , 2021, 19, 397.	2.2	6
18	Isolation and Total Synthesis of Kinenzoline, an Antitrypanosomal Linear Depsipeptide Isolated from a Marine <i>Salileptolyngbya</i> sp. Cyanobacterium. <i>Journal of Organic Chemistry</i> , 2021, 86, 12528-12536.	1.7	5

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19	Isolation and Total Synthesis of Bromoiosol sulfates, Antitrypanosomal arylethers from a <i>Salileptolyngbya</i> sp. Marine Cyanobacterium. Journal of Organic Chemistry, 2021, 86, 11763-11770. Phytotoxicity of the novel compound 3-hydroxy-4-oxo-	1.7	5
20	Phytotoxicity of the novel compound 3-hydroxy-4-oxo- I^2 -dehydroionol and compound 3-oxo- I^{\pm} -ionone from <i>Albizia richardiana</i> (Voigt.) King & Prain. Environmental Technology and Innovation, 2021, 23, 101779.	3.0	7
21	First Total Synthesis and Structure-Activity Relationship of Iheyamide A, an Antitrypanosomal Linear Peptide Isolated from a <i>Dapis</i> sp. Marine Cyanobacterium. Journal of Natural Products, 2021, 84, 2587-2593.	1.5	3
22	Isolation, Structure Determination, and Total Synthesis of Hoshinoamide C, an Antiparasitic Lipopeptide from the Marine Cyanobacterium <i>Caldora penicillata</i> . Journal of Natural Products, 2021, 84, 126-135.	1.5	6
23	Dactylospenes A-E, Sesterterpenes from the Marine Sponge <i>Dactylosporgia elegans</i> . Marine Drugs, 2020, 18, 491.	2.2	9
24	Potential use of <i>Schumannianthus dichotomus</i> waste: the phytotoxic activity of the waste and its identified compounds. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2020, 55, 1099-1105.	0.7	3
25	Bioactive Substances from Marine Cyanobacteria. Topics in Heterocyclic Chemistry, 2020, , 277.	0.2	0
26	Allelopathic Potential and Active Substances from <i>Wedelia Chinensis</i> (Osbeck). Foods, 2020, 9, 1591.	1.9	18
27	Ikoamide, an Antimalarial Lipopeptide from an <i>Okeania</i> sp. Marine Cyanobacterium. Journal of Natural Products, 2020, 83, 481-488.	1.5	24
28	A kaurene-type novel phytotoxic substance in <i>Wedelia chinensis</i> . Tetrahedron Letters, 2020, 61, 151600.	0.7	3
29	Phytotoxic Activity and Identification of Phytotoxic Substances from <i>Schumannianthus dichotomus</i> . Plants, 2020, 9, 102.	1.6	33
30	Iheyamides C, Antitrypanosomal Linear Peptides Isolated from a Marine <i>Dapis</i> sp. Cyanobacterium. Journal of Natural Products, 2020, 83, 1684-1690.	1.5	19
31	Irijimasides E, Macrolide Glycosides from an <i>Okeania</i> sp. Marine Cyanobacterium. Journal of Natural Products, 2020, 83, 1585-1591.	1.5	10
32	Tree Fern <i>Cyathea lepifera</i> May Survive by Its Phytotoxic Property. Plants, 2020, 9, 46.	1.6	7
33	Phytotoxic activity of crop residues from Burdock and an active substance. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2019, 54, 877-882.	0.7	2
34	Marine Natural Products: A Source of Novel Anticancer Drugs. Marine Drugs, 2019, 17, 491.	2.2	324
35	Cytotoxic Microcolin Lipopeptides from the Marine Cyanobacterium <i>Moorea producens</i> . Journal of Natural Products, 2019, 82, 2608-2619.	1.5	23
36	Plant Growth Inhibitory Activity of the Extracts of <i>Acmella oleracea</i> and its Growth Inhibitory Substances. Natural Product Communications, 2019, 14, 1934578X1985880.	0.2	5

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37	Garcienone, a Novel Compound Involved in Allelopathic Activity of <i>Garcinia Xanthochymus</i> Hook. Plants, 2019, 8, 301.	1.6	18
38	Isolation and Total Synthesis of Mabuniamide, a Lipopeptide from an <i>Okeania</i> sp. Marine Cyanobacterium. Journal of Natural Products, 2019, 82, 2907-2915.	1.5	13
39	Allelopathic Potency and an Active Substance from <i>Anredera cordifolia</i> (Tenore) Steenis. Plants, 2019, 8, 134.	1.6	15
40	Phytotoxic potential of <i>Chrysopogon aciculatus</i> (Retz.) Trin. (Poaceae). Weed Biology and Management, 2019, 19, 51-58.	0.6	10
41	Kyanamide, a new Ahp-containing depsipeptide from marine cyanobacterium <i>Caldora penicillata</i> . Tetrahedron, 2019, 75, 3382-3386.	1.0	6
42	Evaluation of phytotoxic potential and identification of phytotoxic substances in <i>Cassia alata</i> Linn. leaves. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2019, 69, 479-488.	0.3	3
43	Total Synthesis, Stereochemical Revision, and Biological Assessment of Iriomoteolidea. Chemistry - A European Journal, 2019, 25, 8528-8542.	1.7	10
44	Minnamide A, a Linear Lipopeptide from the Marine Cyanobacterium <i>Okeania hirsuta</i> . Organic Letters, 2019, 21, 1187-1190.	2.4	15
45	Phytotoxic activity of kiwifruit leaves and isolation of a phytotoxic substance. Scientia Horticulturae, 2019, 250, 243-248.	1.7	11
46	(+)-Isoamericanol A: A Plant Growth Inhibitor From <i>Heliotropium indicum</i> . Natural Product Communications, 2019, 14, 1934578X1984578.	0.2	0
47	Phytotoxic activity of Chinese violet (<i>Asystasia gangetica</i> (L.) T. Anderson) and two phytotoxic substances. Weed Biology and Management, 2019, 19, 3-8.	0.6	9
48	Total synthesis of janadolide. Tetrahedron Letters, 2018, 59, 1360-1362.	0.7	8
49	Caldorin, a new polyketide from the marine cyanobacterium <i>Caldora penicillata</i> . Tetrahedron Letters, 2018, 59, 1261-1263.	0.7	5
50	Ypaoamides B and C, Linear Lipopeptides from an <i>Okeania</i> sp. Marine Cyanobacterium. Journal of Natural Products, 2018, 81, 1103-1107.	1.5	18
51	Plant growth inhibitory activity and active substances with allelopathic potential of cogongrass (<i>Imperata cylindrica</i>) rhizome. Weed Biology and Management, 2018, 18, 92-98.	0.6	9
52	Design, synthesis and anti-malarial activities of synthetic analogs of biselyngbyolide B, a Ca ²⁺ pump inhibitor from marine cyanobacteria. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 298-301.	1.0	7
53	Two allelopathic substances from <i>Paspalum commersonii</i> Lam.. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2018, 68, 342-348.	0.3	8
54	Isolation and identification of a growth inhibitory substance from <i>Heliotropium indicum</i> L.. Acta Biologica Hungarica, 2018, 69, 259-269.	0.7	0

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55	Identification of 6,7-Dimethoxychromone as a Potent Allelochemical from <i>Jatropha podagrica</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801301.	0.2	4
56	Allelopathic property and an allelopathic substance in <i>Eleocharis atropurpurea</i> (Retz.). <i>Theoretical and Experimental Plant Physiology</i> , 2018, 30, 347-355.	1.1	6
57	Croissamide, a proline-rich cyclic peptide with an N-prenylated tryptophan from a marine cyanobacterium <i>Symploca</i> sp.. <i>Tetrahedron Letters</i> , 2018, 59, 3806-3809.	0.7	13
58	Hoshinoamides A and B, Acyclic Lipopeptides from the Marine Cyanobacterium <i>Caldora penicillata</i> . <i>Journal of Natural Products</i> , 2018, 81, 2545-2552.	1.5	17
59	Evaluation of phytotoxic activity of leaf and stem extracts and identification of a phytotoxic substance from <i>Caesalpinia mimosoides</i> Lamk.. <i>Theoretical and Experimental Plant Physiology</i> , 2018, 30, 129-139.	1.1	11
60	Izenamides A and B, Statine-Containing Depsipeptides, and an Analogue from a Marine Cyanobacterium. <i>Journal of Natural Products</i> , 2018, 81, 1673-1681.	1.5	10
61	Isolation of Jahanene and Jahanane, and Total Synthesis of the Jahanyne Family. <i>Journal of Organic Chemistry</i> , 2018, 83, 9592-9603.	1.7	12
62	Isolation and Total Synthesis of Hoshinolactam, an Antitrypanosomal Lactam from a Marine Cyanobacterium. <i>Organic Letters</i> , 2017, 19, 890-893.	2.4	34
63	Odobromoamide, a Terminal Alkynyl Bromide-Containing Cyclodepsipeptide from the Marine Cyanobacterium <i>Okeania</i> sp.. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 436-440.	2.0	11
64	Isolation and identification of two potential phytotoxic substances from the aquatic fern <i>Marsilea crenata</i> . <i>Journal of Plant Biology</i> , 2017, 60, 75-81.	0.9	23
65	Kohamamides A, B, and C, Cyclic Depsipeptides from an <i>Okeania</i> sp. Marine Cyanobacterium. <i>Journal of Natural Products</i> , 2017, 80, 1948-1952.	1.5	16
66	Biseokeaniamides A, B, and C, Sterol <i>O</i> -Acyltransferase Inhibitors from an <i>Okeania</i> sp. Marine Cyanobacterium. <i>Journal of Natural Products</i> , 2017, 80, 1161-1166.	1.5	14
67	Total Synthesis of Kanamienamide and Clarification of Biological Activity. <i>Journal of Organic Chemistry</i> , 2017, 82, 12503-12510.	1.7	6
68	Phytotoxic property of the invasive plant <i>Tithonia diversifolia</i> and a phytotoxic substance. <i>Acta Biologica Hungarica</i> , 2017, 68, 187-195.	0.7	7
69	2-Methoxystypandrone, a potent phytotoxic substance in <i>Rumex maritimus</i> L.. <i>Theoretical and Experimental Plant Physiology</i> , 2017, 29, 195-202.	1.1	10
70	Allelopathic potential and an allelopathic substance in mango leaves. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2017, 67, 37-42.	0.3	4
71	Myrislignan, a Growth Inhibitor from the Roots of <i>Citronella</i> grass. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.2	3
72	Three New Malyngamides from the Marine Cyanobacterium <i>Moorea producens</i> . <i>Marine Drugs</i> , 2017, 15, 367.	2.2	21

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73	Anti-obesity activities of the yoshinone A and the related marine $\hat{1}^3$ -pyrone compounds. Journal of Antibiotics, 2016, 69, 348-351.	1.0	21
74	Total Synthesis of Miuraenamides A and D. Journal of Organic Chemistry, 2016, 81, 9886-9894.	1.7	15
75	Urumamide, a novel chymotrypsin inhibitor with a $\hat{1}^2$ -amino acid from a marine cyanobacterium <i>Okeania</i> sp.. Tetrahedron Letters, 2016, 57, 4213-4216.	0.7	12
76	Kanamienamide, an Enamide with an Enol Ether from the Marine Cyanobacterium <i>Moorea bouillonii</i> . Organic Letters, 2016, 18, 4884-4887.	2.4	28
77	Total synthesis and stereochemical determination of yoshinone A. Phytochemistry, 2016, 132, 109-114.	1.4	8
78	Total synthesis and absolute configuration of koshikalide. Tetrahedron Letters, 2016, 57, 3121-3123.	0.7	8
79	Janadolide, a Cyclic Polyketide-Peptide Hybrid Possessing a <i>tert</i> -Butyl Group from an <i>Okeania</i> sp. Marine Cyanobacterium. Journal of Natural Products, 2016, 79, 1862-1866.	1.5	35
80	Isolation and Structure of Kurahyne B and Total Synthesis of the Kurahynes. Journal of Natural Products, 2015, 78, 2719-2725.	1.5	23
81	Jahanyne, an Apoptosis-Inducing Lipopeptide from the Marine Cyanobacterium <i>Lyngbya</i> sp.. Organic Letters, 2015, 17, 652-655.	2.4	43
82	Mebamamides A and B, Cyclic Lipopeptides Isolated from the Green Alga <i>Derbesia marina</i> . Journal of Natural Products, 2015, 78, 901-908.	1.5	14
83	Total synthesis and stereochemical reassignment of maedamide. Tetrahedron Letters, 2015, 56, 4947-4949.	0.7	10
84	Identification of a molecular target of kurahyne, an apoptosis-inducing lipopeptide from marine cyanobacterial assemblages. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5295-5298.	1.0	13
85	An inhibitor of the adipogenic differentiation of 3T3-L1 cells, yoshinone A, and its analogs, isolated from the marine cyanobacterium <i>Leptolyngbya</i> sp.. Tetrahedron Letters, 2014, 55, 6711-6714.	0.7	21
86	Kurahyne, an acetylene-containing lipopeptide from a marine cyanobacterial assemblage of <i>Lyngbya</i> sp.. RSC Advances, 2014, 4, 12840-12843.	1.7	30
87	Maedamide, a novel chymotrypsin inhibitor from a marine cyanobacterial assemblage of <i>Lyngbya</i> sp.. Tetrahedron Letters, 2014, 55, 4126-4128.	0.7	17
88	Kurahamide, a Cyclic Depsipeptide Analog of Dolastatin 13 from a Marine Cyanobacterial Assemblage of <i>Lyngbya</i> sp.. Bulletin of the Chemical Society of Japan, 2014, 87, 609-613.	2.0	22
89	Isolation and structure of koshikalide, a 14-membered macrolide from the marine cyanobacterium <i>Lyngbya</i> sp.. Tetrahedron Letters, 2010, 51, 959-960.	0.7	24
90	20-N-Methylpurpuramine E: New Bromotyrosine-Derived Metabolite from Okinawan Marine Sponge <i>Pseudoceratina purpurea</i> . Bulletin of the Chemical Society of Japan, 2008, 81, 1026-1027.	2.0	9

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91	Assessment of allelopathic potential of <i>Dalbergia cochinchinensis</i> Pierre and its growth inhibitory substance. <i>Emirates Journal of Food and Agriculture</i> , 0, , 513.	1.0	6