

Fumito Ishibashi

List of Publications by Year in descending order

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57
papers

1,990
citations

257450

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243625

44
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61
all docs

61
docs citations

61
times ranked

1608
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Determinants of Topoisomerase I Poisoning by Lamellarins: A Comparison with Camptothecin and Structure-Activity Relationships. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3796-3807.	6.4	207
2	Synthesis and Biological Activity of Lamellarin Alkaloids: An Overview. <i>Heterocycles</i> , 2011, 83, 491.	0.7	132
3	Anticancer Alkaloid Lamellarins Inhibit Protein Kinases. <i>Marine Drugs</i> , 2008, 6, 514-527.	4.6	128
4	Insecticidal 1H-cyclopentatetrahydro[b]benzofurans from <i>Aglaia odorata</i> . <i>Phytochemistry</i> , 1993, 32, 307-310.	2.9	114
5	Synthesis and Structure-Activity Relationship Study of Lamellarin Derivatives. <i>Journal of Natural Products</i> , 2002, 65, 500-504.	3.0	99
6	Total synthesis of lamellarins D, L, and N. <i>Tetrahedron</i> , 2006, 62, 594-604.	1.9	99
7	Design and Synthesis of Lamellarin D Analogues Targeting Topoisomerase I. <i>Journal of Organic Chemistry</i> , 2009, 74, 8143-8153.	3.2	91
8	Total Syntheses of Lamellarin D and H. The First Synthesis of Lamellarin-Class Marine Alkaloids. <i>Tetrahedron</i> , 1997, 53, 5951-5962.	1.9	84
9	Short and flexible route to 3,4-diarylpyrrole marine alkaloids: syntheses of permethyl storniamide A, ningalin B, and lamellarin C trimethyl ether. <i>Tetrahedron Letters</i> , 2003, 44, 4443-4446.	1.4	83
10	The first total synthesis of lamellarin \pm 20-sulfate, a selective inhibitor of HIV-1 integrase. <i>Tetrahedron Letters</i> , 2006, 47, 3755-3757.	1.4	82
11	Algicidal activity of polyunsaturated fatty acids derived from <i>Ulva fasciata</i> and <i>U. pertusa</i> (Ulvaceae, Tj ETQq1 1 0.784314 rgBT /Overlo 2.8 831	1.4	82
12	Isolation and Structure Determination of Algicidal Compounds from <i>Ulva fasciata</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 2186-2192.	1.3	77
13	Synthesis, Resolution, and Biological Evaluation of Atropisomeric (R)- and (S)-16-Methylamellarins N: Unique Effects of the Axial Chirality on the Selectivity of Protein Kinases Inhibition. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7289-7301.	6.4	56
14	New synthetic approach to pyrroloiminoquinone marine alkaloids. Total synthesis of makaluvamines A, D, I, and K. <i>Tetrahedron</i> , 1998, 54, 8999-9010.	1.9	54
15	Synthesis, structure-activity relationships, and mechanism of action of anti-HIV-1 lamellarin \pm 20-sulfate analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 7541-7550.	3.0	47
16	A formal total synthesis of the telomerase inhibitor dictyodendrin B. <i>Tetrahedron Letters</i> , 2010, 51, 533-536.	1.4	46
17	Synthesis and absolute configuration of the insecticidal sesquigignan (+)-HAEDOXAN in honour of professor G. H. Neil Towers 75th birthday. <i>Phytochemistry</i> , 1998, 49, 613-622.	2.9	40
18	Lamellarin alkaloids: Isolation, synthesis, and biological activity. <i>The Alkaloids Chemistry and Biology</i> , 2020, 83, 1-112.	2.0	40

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19	Algicidal Diterpenes from the Brown Alga <i>Dictyota dichotoma</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 2571-2574.	1.3	36
20	A concise total synthesis of (±)-cis- and (±)-trans-clavicipitic acids by combinational use of directed lithiation and fluoride ion-induced elimination-addition reaction of 1-(triisopropylsilyl)gramine derivatives. <i>Tetrahedron</i> , 1997, 53, 51-58.	1.9	34
21	Synthesis and Absolute Configuration of the Acetalic Lignan (+)-Phymarolin I. <i>Bulletin of the Chemical Society of Japan</i> , 1988, 61, 4361-4366.	3.2	33
22	Synthetic Approach to Telomerase Inhibitor Dictyodendrin B: Synthesis of the Pyrrolo[2,3- <i>c</i>]carbazole Core. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 1764-1772.	1.3	31
23	Algicidal Activity of Glycerolipids from Brown Alga <i>Ishige sinicola</i> toward Red Tide Microalgae. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 372-374.	1.3	30
24	Structure of the novel insecticidal sesquilignan, haedoxan A. <i>Agricultural and Biological Chemistry</i> , 1989, 53, 631-643.	0.3	29
25	Design, synthesis, and evaluation of A-ring-modified lamellarin N analogues as noncovalent inhibitors of the EGFR T790M/L858R mutant. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6563-6580.	3.0	24
26	Total synthesis of the marine natural products lukianols A and B. <i>Tetrahedron</i> , 2013, 69, 2782-2788.	1.9	21
27	Lamellarin-inspired potent topoisomerase I inhibitors with the unprecedented benzo[<i>g</i>][1]benzopyrano[4,3- <i>b</i>]indol-6(13H)-one scaffold. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 265-277.	3.0	17
28	Synthesis of the benzodioxane portion of haedoxans. <i>Agricultural and Biological Chemistry</i> , 1989, 53, 1557-1563.	0.3	16
29	Algicidal Sesquiterpene Hydroquinones from the Brown Alga <i>Dictyopteris undulata</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1120-1122.	1.3	16
30	Selective Toxic Effects of Polyunsaturated Fatty Acids Derived from <i>Ulva fasciata</i> on Red Tide Phytoplankton Species. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 265-268.	1.3	15
31	Lamellarin 14, a derivative of marine alkaloids, inhibits the T790M/C797S mutant epidermal growth factor receptor. <i>Cancer Science</i> , 2021, 112, 1963-1974.	3.9	13
32	The Spirocyclic Imine from a Marine Benthic Dinoflagellate, Portimine, Is a Potent Anti-Human Immunodeficiency Virus Type 1 Therapeutic Lead Compound. <i>Marine Drugs</i> , 2019, 17, 495.	4.6	11
33	Syntheses of (+/-)-haedoxan A, D, E and their stereoisomers. <i>Agricultural and Biological Chemistry</i> , 1989, 53, 1565-1573.	0.3	10
34	Synthesis and Algicidal Activity of (+)-Cyanobacterin and Its Stereoisomer. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 391-396.	1.3	10
35	Total Synthesis of (+)-Phymarolin I from (+)-Malic Acid. <i>Bioscience, Biotechnology and Biochemistry</i> , 1997, 61, 660-663.	1.3	9
36	Total Synthesis of (+)-Paulownin. <i>Bioscience, Biotechnology and Biochemistry</i> , 1997, 61, 743-745.	1.3	9

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37	Improved Procedure for the Enantiometric Synthesis of 1-Hydroxy/acetoxo-2,6-diaryl-3,7-dioxabicyclo[3.3.0] octane Lignans: Total Syntheses of (+)-Paulownin, (+)-Phrymarin I and (+)-Phrymarin II. <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 29-34.	1.3	9
38	Algicidal hydroxylated C18 unsaturated fatty acids from the red alga <i>Tricleocarpa jejuensis</i> : Identification, synthesis and biological activity. <i>FÅ-toterapÅ-Åç</i> , 2020, 145, 104639.	2.2	7
39	Structure of the Novel Insecticidal Sesquilignan, Haedoxan A. <i>Agricultural and Biological Chemistry</i> , 1989, 53, 631-643.	0.3	6
40	Synthesis and evaluation of azalamellarin N and its A-ring-modified analogues as non-covalent inhibitors of the EGFR T790M/L858R mutant. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 34, 116039.	3.0	6
41	Insecticidal Activity of Sesquilignans with a 3-Aryl-6-methoxy-2-methoxymethyl-1,4-benzodioxanyl Group. <i>Bioscience, Biotechnology and Biochemistry</i> , 1992, 56, 1760-1768.	1.3	5
42	Concise synthesis and <i>in vitro</i> anticancer activity of benzo[<i>g</i>][1]benzopyrano[4,3- <i>b</i>]indol-6(13 <i>H</i>)-ones (BBPIs), topoisomerase I inhibitors based on the marine alkaloid lamellarin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 181-191.	1.3	5
43	Synthesis and Evaluation of Topoisomerase I Inhibitors Possessing the 5,13-Dihydro-6 <i>H</i> -benzo[6,7]indolo[3,2- <i>c</i>]quinolin-6-one Scaffold. <i>Heterocycles</i> , 2019, 99, 1032.	0.7	4
44	Syntheses of (.+.)-phrymarolin II and its stereoisomers.. <i>Agricultural and Biological Chemistry</i> , 1986, 50, 3119-3125.	0.3	3
45	Algicidal activity of polyunsaturated fatty acids derived from <i>Ulva fasciata</i> and <i>U. pertusa</i> (Ulvaceae.) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>		
46	Bioactivities of algicidal C18 hydroxy unsaturated fatty acid isolated from the red alga <i>Tricleocarpa jejuensis</i> and its synthesized propargylic derivative. <i>Algal Research</i> , 2020, 52, 102097.	4.6	3
47	Unique Mode of Antiviral Action of a Marine Alkaloid against Ebola Virus and SARS-CoV-2. <i>Viruses</i> , 2022, 14, 816.	3.3	3
48	Syntheses of (+)-Phrymarolin II and Its Stereoisomers. <i>Agricultural and Biological Chemistry</i> , 1986, 50, 3119-3125.	0.3	2
49	Chromano-analogs of Insecticidal Neolignans of the 1,4-Benzodioxane Type. <i>Bioscience, Biotechnology and Biochemistry</i> , 1993, 57, 884-889.	1.3	2
50	Volatile substances from adult extracts induce larval settlement of the barnacle <i>balanus amphitrite</i> *. <i>Biofouling</i> , 2001, 17, 23-28.	2.2	2
51	Antivirus activity, but not thiolreductase activity, is conserved in interferon-gamma-inducible GILT protein in arthropod. <i>Molecular Immunology</i> , 2021, 140, 240-249.	2.2	2
52	Syntheses of (±)-Haedoxan A, D, E and Their Stereoisomers. <i>Agricultural and Biological Chemistry</i> , 1989, 53, 1565-1573.	0.3	1
53	Chemical Reactivity of Oxidation Products of the Dithiolanylidenemalonate Fungicide, Isoprothiolane. <i>Bioscience, Biotechnology and Biochemistry</i> , 1993, 57, 288-293.	1.3	1
54	Synthesis of Amino Tetrahydrofuran Lignan via an N,O-Heterocyclic Compound as an Intermediate. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 741-745.	1.3	1

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55	Synthesis of the Benzodioxane Portion of Haedoxans. Agricultural and Biological Chemistry, 1989, 53, 1557-1563.	0.3	0
56	Induction of Apoptotic Cell Death in Human Leukemia U937 Cells by C18 Hydroxy Unsaturated Fatty Acid Isolated from Red Alga Tricleocarpa jejuensis. Marine Drugs, 2021, 19, 138.	4.6	0
57	Convergent Synthesis of Lamellarin Alkaloids. , 2003, , 190.		0