Makoto Sasaki

List of Publications by Year
in descending order

183	6,492	53794 45	110387 64
papers	citations	h-index	g-index

227	227	227	2606
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of the toxicity equivalency factors for ciguatoxins using human sodium channels. Food and Chemical Toxicology, 2022, 160, 112812.	3.6	12
2	Gambierol Blocks a K+ Current Fraction without Affecting Catecholamine Release in Rat Fetal Adrenomedullary Cultured Chromaffin Cells. Toxins, 2022, 14, 254.	3.4	1
3	Convergent Synthesis of the HIJKLMN-Ring Fragment of Caribbean Ciguatoxin C-CTX-1 by a Late-Stage Reductive Olefin Coupling Approach. Bulletin of the Chemical Society of Japan, 2022, 95, 819-824.	3.2	2
4	Synthesis and Structural Implication of the JKLMN-Ring Fragment of Caribbean Ciguatoxin C-CTX-1. Journal of Organic Chemistry, 2021, 86, 4580-4597.	3.2	8
5	Gambierol Potently Increases Evoked Quantal Transmitter Release and Reverses Pre- and Post-Synaptic Blockade at Vertebrate Neuromuscular Junctions. Neuroscience, 2020, 439, 106-116.	2.3	4
6	Unified Total Synthesis of (â˜')â€Enigmazole A and (â˜')â€15â€Oâ€Methylenigmazole A. Chemistry - an Asian Journal, 2020, 15, 3494-3502.	3.3	9
7	Fluorescence-labeled neopeltolide derivatives for subcellular localization imaging. Organic and Biomolecular Chemistry, 2019, 17, 6771-6776.	2.8	7
8	Total Synthesis of (â˜')â€Enigmazoleâ€…A. Angewandte Chemie - International Edition, 2018, 57, 5143-5146.	13.8	29
9	Total Synthesis of (â˜')â€Enigmazoleâ€…A. Angewandte Chemie, 2018, 130, 5237-5240.	2.0	8
10	Studies toward the Total Synthesis of Caribbean Ciguatoxin C-CTX-1: Synthesis of the LMN-Ring Fragment through Reductive Olefin Cross-Coupling. Organic Letters, 2018, 20, 7163-7166.	4.6	11
11	Tetracyclic Truncated Analogue of the Marine Toxin Gambierol Modifies NMDA, Tau, and Amyloid Î² Expression in Mice Brains: Implications in AD Pathology. ACS Chemical Neuroscience, 2017, 8, 1358-1367.	3.5	15
12	Total Synthesis of Polycavernosides A and B, Two Lethal Toxins from Red Alga. Journal of Organic Chemistry, 2017, 82, 13204-13219.	3.2	4
13	Toward a total synthesis of amphidinolide N: convergent synthesis of the C1â€“C13 segment. Tetrahedron Letters, 2016, 57, 3532-3534.	1.4	8
14	Complete Stereochemical Assignment of Campechic Acids A and B. Journal of Organic Chemistry, 2016, 81, 3638-3647.	3.2	8
15	Cytotoxicity of goniodomin A and B in non contractile cells. Toxicology Letters, 2016, 250-251, 10-20.	0.8	17
16	Toward the Total Synthesis of Amphidinolide N: Synthesis of the C8â€“C29 Fragment. Organic Letters, 2016, 18, 2232-2235.	4.6	11
17	Stereodivergent Synthesis and Configurational Assignment of the C1â€“C15 Segment of Amphirionin-5. Journal of Organic Chemistry, 2016, 81, 9105-9121.	3.2	10
18	Diastereoselective Ring-Closing Metathesis as a Means to Construct Medium-Sized Cyclic Ethers: Application to the Synthesis of a Photoactivatable Gambierol Derivative. Journal of Organic Chemistry, 2016, 81, 8234-8252.	3.2	10

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19	Exploiting Ruthenium Carbene-Catalyzed Reactions in Total Synthesis of Marine Oxacyclic Natural Products. Bulletin of the Chemical Society of Japan, 2016, 89, 1403-1415.	3.2	21
20	Effect of carbon chain length in acyl coenzyme A on the efficiency of enzymatic transformation of okadaic acid to 7- O -acyl okadaic acid. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2992-2996.	2.2	7
21	Total Synthesis and Complete Stereostructure of a Marine Macrolide Glycoside, (â˜')â€Lyngbyaloseâ€...B. Chemistry - A European Journal, 2016, 22, 6815-6829.	3.3	17
22	Total Synthesis and Complete Stereostructure of a Marine Macrolide Glycoside, (â˜')-Lyngbyaloside B. Chemistry - A European Journal, 2016, 22, 6701-6701.	3.3	0
23	Progress toward the Total Synthesis of Goniodomin A: Stereocontrolled, Convergent Synthesis of the C12â€“C36 Fragment. Journal of Organic Chemistry, 2016, 81, 2213-2227.	3.2	17
24	Synthetic Studies on Amphirionin-5: Stereochemical Assignment/Reassignment of the C1â€“C9 Portion through Stereodivergent Synthesis. Organic Letters, 2016, 18, 112-115.	4.6	11
25	Studies toward the Total Synthesis of Amphidinolide N: Stereocontrolled Synthesis of the C13â€“C29 Segment. Heterocycles, 2015, 90, 579.	0.7	10
26	Evaluation of gambierol and its analogs for their inhibition of human Kv1.2 and cytotoxicity. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 514-518.	2.2	10
27	Concise synthesis of the C15â€“C38 fragment of okadaic acid, a specific inhibitor of protein phosphatases 1 and 2A. Tetrahedron, 2015, 71, 6369-6383.	1.9	10
28	Concise Synthesis of the C15â€“C38 Fragment of Okadaic Acid: Application of the Suzukiâ€“Miyaura Reaction to Spiroacetal Synthesis. Organic Letters, 2015, 17, 366-369.	4.6	8
29	Total Synthesis, Stereochemical Reassignment, and Biological Evaluation of (â˜')â€Lyngbyaloseâ€...B. Angewandte Chemie - International Edition, 2015, 54, 868-873.	13.8	28
30	Programmed Cell Death Induced by (â˜')-8,9-Dehydroneopeltolide in Human Promyelocytic Leukemia HL-60 Cells under Energy Stress Conditions. Marine Drugs, 2014, 12, 5576-5589.	4.6	10
31	Synthesis and biological evaluation of (+)-neopeltolide analogues: Importance of the oxazole-containing side chain. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2415-2419.	2.2	23
32	Total Synthesis and Structure Revision of Didemnaketalâ€...B. Chemistry - A European Journal, 2014, 20, 1848-1860.	3.3	33
33	Total Synthesis and Complete Structural Assignment of Gambieric Acid <scp>A</scp>, a Large Polycyclic Ether Marine Natural Product. Chemical Record, 2014, 14, 678-703.	5.8	13
34	Stereoselective Synthesis of Medium-Sized Cyclic Ethers: Application of C-Glycosylation Chemistry to Seven- to Nine-Membered Lactone-Derived Thioacetals and Their Sulfone Counterparts. Journal of Organic Chemistry, 2014, 79, 1656-1682.	3.2	14
35	Concise synthesis of the A/BCD-ring fragment of gambieric acid A. Frontiers in Chemistry, 2014, 2, 116.	3.6	4
36	Total Synthesis of the Proposed Structure of Didemnaketal B. Organic Letters, 2013, 15, 3970-3973.	4.6	16

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37	Concise Synthesis and Biological Assessment of (+)â€Neopeltolide and a 16â€Member Stereoisomer Library of 8,9â€Dehydroneopeltolide: Identification of Pharmacophoric Elements. Chemistry - A European Journal, 2013, 19, 8100-8110.	3.3	43
38	Total Synthesis of 13-Demethyllyngbyaloside B. Organic Letters, 2013, 15, 1630-1633.	4.6	22
39	Total synthesis and biological evaluation of (â^')-exiguolide analogues: importance of the macrocyclic backbone. Organic and Biomolecular Chemistry, 2013, 11, 3442.	2.8	24
40	Total Synthesis and Biological Evaluation of (+)â€Gambieric Acid A and Its Analogues. Chemistry - A European Journal, 2013, 19, 5276-5288.	3.3	35
41	Synthesis and Biological Evaluation of Aspergillide A/Neopeltolide Chimeras. Chemistry Letters, 2013, 42, 1020-1022.	1.3	8
42	Stereoselective Synthesis of the C1â€“C16 Fragment of Goniodomin A. Bulletin of the Chemical Society of Japan, 2012, 85, 948-956.	3.2	8
43	A CONCISE SYNTHESIS OF THE AB-RING FRAGMENT OF (â^')-GAMBIEROL. Heterocycles, 2012, 86, 127.	0.7	2
44	Tandem catalysis in domino olefin cross-metathesis/intramolecular oxa-conjugate cyclization: concise synthesis of 2,6-cis-substituted tetrahydropyran derivatives. Organic and Biomolecular Chemistry, 2012, 10, 8108.	2.8	36
45	Design and Synthesis of Skeletal Analogues of Gambierol: Attenuation of Amyloid-Î² and Tau Pathology with Voltage-Gated Potassium Channel and N-Methyl-<scp>d</scp>-aspartate Receptor Implications. Journal of the American Chemical Society, 2012, 134, 7467-7479.	13.7	62
46	Effect of Gambierol and Its Tetracyclic and Heptacyclic Analogues in Cultured Cerebellar Neurons: A Structureâ€“Activity Relationships Study. Chemical Research in Toxicology, 2012, 25, 1929-1937.	3.3	26
47	Total Synthesis of (â^')-Polycavernoside A: Suzukiâ€“Miyaura Coupling Approach. Organic Letters, 2012, 14, 3186-3189.	4.6	24
48	Stereoselective Synthesis of 2,6-Cis-Substituted Tetrahydropyrans: BrÃ¸nsted Acid-Catalyzed Intramolecular Oxa-Conjugate Cyclization of Î±,Î²-Unsaturated Ester Surrogates. Journal of Organic Chemistry, 2012, 77, 2588-2607.	3.2	63
49	Total Synthesis and Complete Stereostructure of Gambieric Acid A. Journal of the American Chemical Society, 2012, 134, 11984-11987.	13.7	62
50	Biosynthesis-Inspired Intramolecular Oxa-Conjugate Cyclization of Î±,Î²-Unsaturated Thioesters: Stereoselective Synthesis of 2,6-cis-Substituted Tetrahydropyrans. Organic Letters, 2011, 13, 1820-1823.	4.6	34
51	A Convergent Synthesis of the C1â^'C16 Segment of Goniodomin A via Palladium-Catalyzed Organostannaneâ^'Thioester Coupling. Organic Letters, 2011, 13, 1106-1109.	4.6	31
52	Binding and Selectivity of the Marine Toxin Neodysiherbaine A and Its Synthetic Analogues to GluK1 and GluK2 Kainate Receptors. Journal of Molecular Biology, 2011, 413, 667-683.	4.2	21
53	Recent Applications of the Suzuki-Miyaura Cross-coupling to Complex Polycyclic Ether Synthesis. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2011, 69, 1251-1262.	0.1	3
54	Antinociceptive effects of MSVIII-19, a functional antagonist of the GluK1 kainate receptor. Pain, 2011, 152, 1052-1060.	4.2	27

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55	Asymmetric Synthesis and in vivo Biological Inactivity of the Rightâ€Hand Terpenoid Fragment of Terpendole E. European Journal of Organic Chemistry, 2011, 2011, 538-546.	2.4	18
56	Synthetic Studies on Dragmacidin D: Synthesis and Assembly of Three Fragments Towards an Advanced Intermediate. European Journal of Organic Chemistry, 2011, 2011, 4654-4666.	2.4	13
57	Total Synthesis and Biological Assessment of (â^')â€Exiguolide and Analogues. Chemistry - A European Journal, 2011, 17, 2678-2688.	3.3	76
58	Total Synthesis of (â^')â€Brevenal: A Streamlined Strategy for Practical Synthesis of Polycyclic Ethers. Chemistry - A European Journal, 2011, 17, 13754-13761.	3.3	19
59	Synthetic studies on goniodomin A: convergent assembly of the C15â€“C36 segment via palladium-catalyzed organostannaneâ€“thioester coupling. Tetrahedron, 2011, 67, 429-445.	1.9	14
60	A new strategy for the synthesis of substituted dihydropyrones and tetrahydropyrones via palladium-catalyzed coupling of thioesters. Tetrahedron, 2011, 67, 4995-5010.	1.9	35
61	Studies toward the total synthesis of gambieric acids, potent antifungal polycyclic ethers: convergent synthesis of a fully elaborated GHIJ-ring fragment. Tetrahedron, 2011, 67, 6600-6615.	1.9	22
62	Studies toward the total synthesis of gambieric acids: convergent synthesis of the GHIJ-ring fragment having a side chain. Tetrahedron Letters, 2011, 52, 548-551.	1.4	17
63	A Concise Total Synthesis of (Â±)-Centrolobine. Heterocycles, 2010, 82, 641.	0.7	26
64	A Concise Total Synthesis of (+)â€Neopeltolide. Angewandte Chemie - International Edition, 2010, 49, 3041-3044.	13.8	90
65	An enantioselective total synthesis of aspergillides A and B. Tetrahedron, 2010, 66, 7492-7503.	1.9	44
66	Improved synthesis and in vitro/in vivo activities of natural product-inspired, artificial glutamate analogs. Bioorganic and Medicinal Chemistry, 2010, 18, 3795-3804.	3.0	14
67	An Efficient Synthesis of 2,6-Disubstituted 2,3-Dihydro-4H-pyran-4-ones via Sonogashira Coupling of p-Toluenethiol Esters. Synlett, 2010, 2010, 1239-1242.	1.8	17
68	Highly efficient synthesis of medium-sized lactones via oxidative lactonization: concise total synthesis of isolaurepan. Organic and Biomolecular Chemistry, 2010, 8, 39-42.	2.8	47
69	A Unified Total Synthesis of Aspergillides A and B. Organic Letters, 2010, 12, 1848-1851.	4.6	74
70	The marine polyether gambierol enhances muscle contraction and blocks a transient K+ current in skeletal muscle cells. Toxicon, 2010, 56, 785-791.	1.6	19
71	Convergent Assembly of the Spiroacetal Subunit of Didemnaketal B. Organic Letters, 2010, 12, 5354-5357.	4.6	23
72	Stereoselective Synthesis of Substituted Tetrahydropyrans via Domino Olefin Cross-Metathesis/Intramolecular Oxa-Conjugate Cyclization. Organic Letters, 2010, 12, 1636-1639.	4.6	87

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73	Total Synthesis of (â˜')-Exiguolide. Organic Letters, 2010, 12, 584-587.	4.6	51
74	Pharmacological activity of C10-substituted analogs of the high-affinity kainate receptor agonist dysiherbaine. Neuropharmacology, 2010, 58, 640-649.	4.1	15
75	Studies toward the Total Synthesis of Gambieric Acids: Stereocontrolled Synthesis of a DEFG-Ring Model Compound. Journal of Organic Chemistry, 2010, 75, 5072-5082.	3.2	17
76	Chemospecific Allylation and Domino Metathesis of 7â€Oxanorbornenes for Skeletal and Appendage Diversity. European Journal of Organic Chemistry, 2009, 2009, 72-84.	2.4	12
77	Full Domain Closure of the Ligand-binding Core of the Ionotropic Glutamate Receptor iGluR5 Induced by the High Affinity Agonist Dysiherbaine and the Functional Antagonist 8,9-Dideoxyneodysiherbaine. Journal of Biological Chemistry, 2009, 284, 14219-14229.	3.4	53
78	Total Synthesis and Biological Evaluation of (+)â€Neopeltolide and Its Analogues. Chemistry - A European Journal, 2009, 15, 12807-12818.	3.3	64
79	Regioselective Domino Metathesis of Unsymmetrical 7â€Oxanorbornenes with Electronâ€Rich Vinyl Acetate toward Biologically Active Glutamate Analogues. European Journal of Organic Chemistry, 2009, 2009, 5531-5548.	2.4	34
80	Synthetic Studies on Gambieric Acids, Potent Antifungal Polycyclic Ether Natural Products: Reassignment of the Absolute Configuration of the Nonacyclic Polyether Core by NMR Analysis of Model Compounds. Journal of Organic Chemistry, 2009, 74, 4024-4040.	3.2	28
81	Proteomic Analysis Reveals Multiple Patterns of Response in Cells Exposed to a Toxin Mixture. Chemical Research in Toxicology, 2009, 22, 1077-1085.	3.3	16
82	Toward the Total Synthesis of Goniodomin A, An Actin-Targeting Marine Polyether Macrolide: Convergent Synthesis of the C15â˜'C36 Segment. Organic Letters, 2009, 11, 5274-5277.	4.6	21
83	Synthesis of 2-Substituted Indoles and Indolines via Suzukiâ˜'Miyaura Coupling/5-endo-trig Cyclization Strategies. Journal of Organic Chemistry, 2009, 74, 212-221.	3.2	44
84	Stereocontrolled Synthesis of the DEFG-ring Skeleton of Gambieric Acids. Chemistry Letters, 2009, 38, 866-867.	1.3	15
85	Regioselective Domino Metathesis of 7â€Oxanorbornenes and Its Application to the Synthesis of Biologically Active Glutamate Analogues. European Journal of Organic Chemistry, 2008, 2008, 5215-5220.	2.4	39
86	Total Synthesis of (+)â€Neopeltolide. Angewandte Chemie - International Edition, 2008, 47, 4737-4739.	13.8	95
87	Synthesis and domino metathesis of functionalized 7-oxanorbornene analogsÂtoward cis-fused heterocycles. Tetrahedron, 2008, 64, 2740-2749.	1.9	33
88	Synthetic studies on dragmacidin D: synthesis of the left-hand fragment. Tetrahedron Letters, 2008, 49, 7197-7199.	1.4	15
89	An Efficient Strategy for the Synthesis of Endocyclic Enol Ethers and Its Application to the Synthesis of Spiroacetals. Organic Letters, 2008, 10, 2549-2552.	4.6	44
90	Assignment of the Absolute Configuration of Goniodomin A by NMR Spectroscopy and Synthesis of Model Compounds. Organic Letters, 2008, 10, 1013-1016.	4.6	38

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91	Stereocontrolled Synthesis of the A/B-Ring Fragment of Gambieric Acid B: Reassignment of the Absolute Configuration of the Polycyclic Ether Region. Organic Letters, 2008, 10, 2211-2214.	4.6	27
92	Total Synthesis of (â˜')-Brevenal: A Concise Synthetic Entry to the Pentacyclic Polyether Core. Organic Letters, 2008, 10, 2275-2278.	4.6	48
93	Rapid and Efficient Synthesis of Dysiherbaine and Analogues to Explore Structureâ˜'Activity Relationships. Journal of Organic Chemistry, 2008, 73, 264-273.	3.2	31
94	Convergent strategies for the total synthesis of polycyclic ether marine metabolites. Natural Product Reports, 2008, 25, 401.	10.3	92
95	Novel Analogs and Stereoisomers of the Marine Toxin Neodysiherbaine with Specificity for Kainate Receptors. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 484-496.	2.5	33
96	Total Synthesis of Isoindolobenzazepine Alkaloids, Lennoxamine and Chilenine, Based on Palladium-Catalyzed Reduction of Alkenyl Phosphates. Heterocycles, 2008, 76, 521.	0.7	25
97	A New Method for the Generation of Indole-2,3-quinodimethanes from Allenamides. Chemistry Letters, 2008, 37, 904-905.	1.3	31
98	Synthetic Studies on Shellfish Toxin Azaspiracid-1. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2008, 66, 836-845.	0.1	2
99	Strategies for the Synthesis of 2-Substituted Indoles and Indolines Starting from Acyclic Î±-Phosphoryloxy Enecarbamates. Organic Letters, 2007, 9, 3347-3350.	4.6	65
100	Development and Application of a Convergent Strategy for the Total Synthesis of Polycyclic Ether Natural Products. Bulletin of the Chemical Society of Japan, 2007, 80, 856-871.	3.2	32
101	A strategy for the synthesis of 2,3-disubstituted indoles starting from N-(o-halophenyl)allenamides. Organic and Biomolecular Chemistry, 2007, 5, 2214.	2.8	42
102	An efficient method for the synthesis of enol ethers and enecarbamates. Total syntheses of isoindolobenzazepine alkaloids, lennoxamine and chilenine. Organic and Biomolecular Chemistry, 2007, 5, 1849.	2.8	38
103	A new method for the generation of indole-2,3-quinodimethanes and 2-(N-alkoxycarbonylamino)-1,3-dienes. Intramolecular Heck/Dielsâ€"Alder cycloaddition cascade starting from acyclic Î±-phosphono enecarbamates. Chemical Communications, 2007, , 2876-2878.	4.1	37
104	Divergent Synthesis of Multifunctional Molecular Probes To Elucidate the Enzyme Specificity of Dipeptidic Î³-Secretase Inhibitors. ACS Chemical Biology, 2007, 2, 408-418.	3.4	87
105	Studies toward the Total Synthesis of Gambieric Acidsâ€¦A and C: Convergent Assembly of the Nonacyclic Polyether Skeleton. Angewandte Chemie - International Edition, 2007, 46, 2518-2522.	13.8	38
106	Convergent synthesis of the BCDEFGHIJ-ring polyether core of gambieric acids, potent antifungal polycyclic ethers. Tetrahedron, 2007, 63, 5977-6003.	1.9	28
107	A three-component approach to isoquinoline derivatives by cycloaddition/Heck reaction sequence. Tetrahedron Letters, 2007, 48, 4255-4258.	1.4	12
108	Total synthesis of dysiherbaine. Tetrahedron Letters, 2007, 48, 5697-5700.	1.4	25

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109	Stereoselective Synthesis of the AB-Ring Fragment of Gambieric Acid A. Heterocycles, 2007, 72, 139.	0.7	18
110	Skeletal Diversity by Ugi Four-Component Coupling Reaction and Post-Ugi Reactions. Heterocycles, 2007, 73, 377.	0.7	9
111	Total Synthesis and Biological Evaluation of Neodysiherbaine A and Analogues. Journal of Organic Chemistry, 2006, 71, 5208-5220.	3.2	46
112	Synthetic Study of Azaspiracid-1:â€‰ Synthesis of the EFGHI-Ring Fragment. Organic Letters, 2006, 8, 3943-3946.	4.6	21
113	Total Synthesis, Structure Revision, and Absolute Configuration of (â˜)-Brevenal. Journal of the American Chemical Society, 2006, 128, 16989-16999.	13.7	125
114	Total Synthesis of the Proposed Structure of Brevenal. Journal of the American Chemical Society, 2006, 128, 9648-9650.	13.7	60
115	Novel Î³-secretase inhibitors discovered by library screening of in-house synthetic natural product intermediates. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 3813-3816.	2.2	20
116	Design, total synthesis, and biological evaluation of neodysiherbaine A derivative as potential probes. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5784-5787.	2.2	23
117	Skeletal diversity by allylation/RCM on Ugi four-component coupling reaction products. Tetrahedron Letters, 2006, 47, 4763-4767.	1.4	12
118	Synthesis of the JK/LM-ring model of prymnesins, potent hemolytic and ichthyotoxic polycyclic ethers isolated from the red tide alga Prymnesium parvum: confirmation of the relative configuration of the K/L-ring juncture. Tetrahedron Letters, 2006, 47, 5687-5691.	1.4	16
119	Structureâ€“activity relationship studies of gymnocin-A. Tetrahedron Letters, 2006, 47, 6803-6807.	1.4	25
120	Concise and Short Synthesis of Functionalized 5,6-Dihydropyridin-2-ones by Means of Palladium(0)-Catalyzed Cross-Coupling of Ketene Aminal Phosphates. Heterocycles, 2006, 70, 101.	0.7	16
121	Dysiherbaine: A New Generation of Excitatory Amino Acids of Marine Origin. Central Nervous System Agents in Medicinal Chemistry, 2006, 6, 83-108.	1.1	25
122	Determination of Binding Site Residues Responsible for the Subunit Selectivity of Novel Marine-Derived Compounds on Kainate Receptors. Molecular Pharmacology, 2006, 69, 1849-1860.	2.3	30
123	Effect of Ciguatoxin 3C on Voltage-Gated Na+ and K+ Currents in Mouse Taste Cells. Chemical Senses, 2006, 31, 673-680.	2.0	42
124	The Sodium Channel of Human Excitable Cells is a Target for Gambierol. Cellular Physiology and Biochemistry, 2006, 17, 257-268.	1.6	45
125	Total Synthesis and Structure-activity Relationship of a Cytotoxic Polycyclic Ether Gymnocin-A. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2006, 64, 808-818.	0.1	5
126	Pharmacological activity of synthetic analogs of dysiherbaine on glutamate receptors. FASEB Journal, 2006, 20, A687.	0.5	0

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127	Parallel synthesis of tandem Ugi/Dielsâ€“Alder reaction products on a soluble polymer support directed toward split-pool realization of a small molecule library. Tetrahedron Letters, 2005, 46, 415-418.	1.4	34
128	2-Oxo-1,2-ethylenedioxy group as a linker for solution-, liquid-, and solid-phase syntheses to discover drug-like small molecules. Tetrahedron Letters, 2005, 46, 4667-4670.	1.4	4
129	Synthesis of the NO ring model of gymnocin-B. Tetrahedron Letters, 2005, 46, 4617-4619.	1.4	18
130	Synthesis of dysiherbaine analogue. Tetrahedron Letters, 2005, 46, 5559-5562.	1.4	13
131	Simultaneous accumulation of both skeletal and appendage-based diversities on tandem Ugi/Dielsâ€“Alder products. Tetrahedron Letters, 2005, 46, 5863-5866.	1.4	24
132	Inhibition of Voltage-Gated Potassium Currents by Gambierol in Mouse Taste Cells. Toxicological Sciences, 2005, 85, 657-665.	3.1	72
133	Divergent Pharmacological Activity of Novel Marine-Derived Excitatory Amino Acids on Glutamate Receptors. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 1068-1078.	2.5	52
134	Convergent Total Synthesis of Gymnocin-A and Evaluation of Synthetic Analogues. Journal of the American Chemical Society, 2005, 127, 4326-4335.	13.7	96
135	Studies toward the Total Synthesis of Gambieric Acids, Potent Antifungal Polycyclic Ethers:â€‰ Convergent Synthesis of the CDEFG-Ring System. Organic Letters, 2005, 7, 2441-2444.	4.6	42
136	Total Synthesis of Polycyclic Ether Natural Products Based on Suzuki-Miyaura Cross-Coupling. Synlett, 2004, 2004, 1851-1874.	1.8	84
137	Diverted Total Synthesis and Biological Evaluation of Gambierol Analogues: Elucidation of Crucial Structural Elements for Potent Toxicity. Chemistry - A European Journal, 2004, 10, 4894-4909.	3.3	63
138	Simple formylacetal (CH2) as a novel linker for saccharide synthesis on soluble-polymer support. Tetrahedron Letters, 2004, 45, 787-790.	1.4	25
139	Alkoxyacetyl (AAc) group as a useful linker for organic synthesis on poly(ethylene glycol) support. Tetrahedron Letters, 2004, 45, 2371-2375.	1.4	13
140	Convergent synthesis of the ABCDE ring fragment of ciguatoxins. Tetrahedron Letters, 2004, 45, 4795-4799.	1.4	44
141	Synthesis of the CDE/FG Ring Models of Prymnesins:â€‰ Reassignment of the Relative Configuration of the E/F Ring Juncture. Organic Letters, 2004, 6, 1501-1504.	4.6	32
142	Synthetic entry to the ABCD ring fragment of gymnocin-A, a cytotoxic marine polyether. Tetrahedron Letters, 2003, 44, 4351-4354.	1.4	30
143	Studies toward the total synthesis of azaspiracids: synthesis of the FGHI ring domain. Tetrahedron Letters, 2003, 44, 6199-6201.	1.4	31
144	Synthesis and biological evaluation of gambierol analogues. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 2519-2522.	2.2	34

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145	Total Synthesis of Gymnocin-A. Journal of the American Chemical Society, 2003, 125, 14294-14295.	13.7	86
146	Pathological effects on mice by gambierol, possibly one of the ciguatera toxins. Toxicon, 2003, 42, 733-740.	1.6	47
147	Total Synthesis of Gambierol, a Marine Polycyclic Ether. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2003, 61, 742-751.	0.1	7
148	Studies toward the Total Synthesis of Gymnocin A, a Cytotoxic Polyether:â€‰ A Highly Convergent Entry to the Fâ^'N Ring Fragment. Organic Letters, 2002, 4, 1747-1750.	4.6	48
149	Intramolecular Radical CyclizationRing-Closing Metathesis Approach to Fused Polycyclic Ethers. Convergent Synthesis and Conformational Analysis of the (E)FGH Ring System of Ciguatoxin. Journal of Organic Chemistry, 2002, 67, 3301-3310.	3.2	55
150	Progress toward the Total Synthesis of Ciguatoxins:â€‰ A Convergent Synthesis of the FGHIJKLM Ring Fragment. Organic Letters, 2002, 4, 2771-2774.	4.6	48
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