

Michio Murata

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3161573/michio-murata-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

244
papers

11,314
citations

51
h-index

99
g-index

264
ext. papers

12,230
ext. citations

5
avg. IF

5.87
L-index

#	Paper	IF	Citations
244	Effect of cholesterol on the lactosylceramide domains in phospholipid bilayers.. <i>Biophysical Journal</i> , 2022 ,	2.9	2
243	Growth of protein crystals in high-strength hydrogels with the dialysis membrane. <i>Japanese Journal of Applied Physics</i> , 2021 , 60, 015506	1.4	1
242	Diosgenin-induced physicochemical effects on phospholipid bilayers in comparison with cholesterol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 36, 127816	2.9	0
241	EGlucosylation of cholesterol reduces sterol-sphingomyelin interactions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021 , 1863, 183496	3.8	1
240	Impact of Intrinsic and Extrinsic Factors on Cellular Sphingomyelin Imaging with Specific Reporter Proteins. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2021 , 4, 251525642110424	2.6	1
239	FRET detects lateral interaction between transmembrane domain of EGF receptor and ganglioside GM3 in lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021 , 1863, 183623	3.8	3
238	Pivotal Role of Interdigitation in Interleaflet Interactions: Implications from Molecular Dynamics Simulations. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 5171-5176	6.4	7
237	Efficient diversification of GM3 gangliosides via late-stage sialylation and dynamic glycan structural studies with F solid-state NMR. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 2902-2913	3.9	4
236	Efficient preparation of human and mouse CD1d proteins using silkworm baculovirus expression system. <i>Protein Expression and Purification</i> , 2020 , 172, 105631	2	
235	Interactions of OSW-1 with Lipid Bilayers in Comparison with Digitonin and Soyasaponin. <i>Langmuir</i> , 2020 , 36, 3600-3610	4	6
234	Enantiomers of phospholipids and cholesterol: A key to decipher lipid-lipid interplay in membrane. <i>Chirality</i> , 2020 , 32, 282-298	2.1	5
233	Sphingomyelins and ent-Sphingomyelins Form Homophilic Nano-Subdomains within Liquid Ordered Domains. <i>Biophysical Journal</i> , 2020 , 119, 539-552	2.9	8
232	Conformation and Orientation of Branched Acyl Chains Responsible for the Physical Stability of Diphytanoylphosphatidylcholine. <i>Biochemistry</i> , 2020 , 59, 3929-3938	3.2	1
231	Average Conformation of Branched Chain Lipid PGP-Me That Accounts for the Thermal Stability and High-Salinity Resistance of Archaeal Membranes. <i>Biochemistry</i> , 2019 , 58, 3869-3879	3.2	3
230	Side-chain deuterated cholesterol as a molecular probe to determine membrane order and cholesterol partitioning. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 8601-8610	3.9	6
229	Mosquito larvicidal limonoids from the fruits of <i>Chisocheton erythrocarpus</i> Hiern. <i>Phytochemistry Letters</i> , 2019 , 30, 69-73	1.9	6
228	Small structural alterations greatly influence the membrane affinity of lipophilic ligands: Membrane interactions of bafilomycin A and its desmethyl derivative bearing F-labeling. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 1677-1682	3.4	3

227	The Perpendicular Orientation of Amphotericin B Methyl Ester in Hydrated Lipid Bilayers Supports the Barrel-Stave Model. <i>Biochemistry</i> , 2019 , 58, 2282-2291	3.2	11
226	Nonlamellar-Phase-Promoting Colipids Enhance Segregation of Palmitoyl Ceramide in Fluid Bilayers. <i>Biophysical Journal</i> , 2019 , 116, 1507-1515	2.9	0
225	Theonellamide A, a marine-sponge-derived bicyclic peptide, binds to cholesterol in aqueous DMSO: Solution NMR-based analysis of peptide-sterol interactions using hydroxylated sterol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019 , 1861, 228-235	3.8	6
224	Cholesterol-Induced Conformational Change in the Sphingomyelin Headgroup. <i>Biophysical Journal</i> , 2019 , 117, 307-318	2.9	8
223	Impact of Acyl Chain Mismatch on the Formation and Properties of Sphingomyelin-Cholesterol Domains. <i>Biophysical Journal</i> , 2019 , 117, 1577-1588	2.9	11
222	Synthesis of 7,6-Spirocyclic Imine with Butenolide Ring Provides Evidence for the Relative Configuration of Marine Toxin 13-desMe Spirolide C. <i>Organic Letters</i> , 2019 , 21, 8970-8975	6.2	2
221	The Amphotericin B-Ergosterol Complex Spans a Lipid Bilayer as a Single-Length Assembly. <i>Biochemistry</i> , 2019 , 58, 5188-5196	3.2	9
220	Synthesis and Stereochemical Revision of the C31-C67 Fragment of Amphidinol 3. <i>Angewandte Chemie</i> , 2018 , 130, 6168-6172	3.6	4
219	Synthesis and Stereochemical Revision of the C31-C67 Fragment of Amphidinol 3. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6060-6064	16.4	18
218	Synthesis and Complete Structure Determination of a Sperm-Activating and -Attracting Factor Isolated from the Ascidian <i>Ascidia sydneiensis</i> . <i>Journal of Natural Products</i> , 2018 , 81, 985-997	4.9	7
217	Stereoselective Construction of Cisoidal Bisspiroacetal Frameworks through Magnesium Coordination of the Bilateral Acetal Oxygen Atoms. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1101-1106	0	4
216	Evidence of lipid rafts based on the partition and dynamic behavior of sphingomyelins. <i>Chemistry and Physics of Lipids</i> , 2018 , 215, 84-95	3.7	17
215	Recent Solid-State NMR Studies of Hydrated Lipid Membranes. <i>Annual Reports on NMR Spectroscopy</i> , 2018 , 41-72	1.7	2
214	NMR Studies on Natural Product Stereochemical Determination and Conformational Analysis in Solution and in Membrane 2018 , 383-414		1
213	Enantioselective Deuteration of α -Substituted β -Unsaturated Esters by Rhodium-1,2-Bis(2,5-diphenylphospholano)ethane. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 235-239	3.2	5
212	A Synthetic Approach to the Channel Complex Structure of Antibiotic in a Membrane: Backbone ^{19}F -Labeled Amphotericin B for Solid-State NMR Analysis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2018 , 76, 1197-1205	0.2	
211	Sphingomyelin Stereoisomers Reveal That Homophilic Interactions Cause Nanodomain Formation. <i>Biophysical Journal</i> , 2018 , 115, 1530-1540	2.9	16
210	Nanosized Phase Segregation of Sphingomyelin and Dihydrospingomyelin in Unsaturated Phosphatidylcholine Binary Membranes without Cholesterol. <i>Langmuir</i> , 2018 , 34, 13426-13437	4	5

209	Highly Efficient Syntheses of C _N Axially Chiral 1-(ortho-hydroxyaryl)uracil using a Chiral Auxiliary and a Chiral Base. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1648-1653	3	5
208	Efficient Access to the Functionalized Bicyclic Pharmacophore of Spirolide C by Using a Selective Diels-Alder Reaction. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 1322-1327	3	7
207	Bilayer Interactions among Unsaturated Phospholipids, Sterols, and Ceramide. <i>Biophysical Journal</i> , 2017 , 112, 1673-1681	2.9	10
206	Raft-based sphingomyelin interactions revealed by new fluorescent sphingomyelin analogs. <i>Journal of Cell Biology</i> , 2017 , 216, 1183-1204	7.3	79
205	The Long-Chain Sphingoid Base of Ceramides Determines Their Propensity for Lateral Segregation. <i>Biophysical Journal</i> , 2017 , 112, 976-983	2.9	18
204	Sterol-recognition ability and membrane-disrupting activity of Ornithogalum saponin OSW-1 and usual 3-O-glycosyl saponins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017 , 1859, 2516-2525	3.8	15
203	Syntheses and Biological Activities of the LMNO, ent-LMNO, and NOPQR(S) Ring Systems of Maitotoxin. <i>Journal of Organic Chemistry</i> , 2017 , 82, 9595-9618	4.2	9
202	Stable C-N axial chirality in 1-aryloracil scaffold and differences in in vitro metabolic clearance between atropisomers of PDE4 inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 4506-4511	3.4	14
201	Emphatic visualization of sphingomyelin-rich domains by inter-lipid FRET imaging using fluorescent sphingomyelins. <i>Scientific Reports</i> , 2017 , 7, 16801	4.9	11
200	Structures of the Largest Amphidinol Homologues from the Dinoflagellate <i>Amphidinium carterae</i> and Structure-Activity Relationships. <i>Journal of Natural Products</i> , 2017 , 80, 2883-2888	4.9	23
199	Nanosecond pump-probe device for time-resolved serial femtosecond crystallography developed at SACLA. <i>Journal of Synchrotron Radiation</i> , 2017 , 24, 1086-1091	2.4	18
198	Sterol-dependent membrane association of the marine sponge-derived bicyclic peptide Theonellamide A as examined by H NMR. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 5235-5242	3.4	6
197	Synthesis and Th1-immunostimulatory activity of Galactosylceramide analogues bearing a halogen-containing or selenium-containing acyl chain. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 3687-3695	3.4	9
196	Membrane protein structure determination by SAD, SIR, or SIRAS phasing in serial femtosecond crystallography using an iododetergent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13039-13044	11.5	38
195	Molecular mechanism underlying promiscuous polyamine recognition by spermidine acetyltransferase. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 76, 87-97	5.6	6
194	Marine sponge cyclic peptide theonellamide A disrupts lipid bilayer integrity without forming distinct membrane pores. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 1373-9	3.8	19
193	Peptide purification using the chemoselective reaction between N-(methoxy)glycine and isothiocyanato-functionalized resin. <i>Journal of Peptide Science</i> , 2016 , 22, 379-82	2.1	2
192	(13) C-TmDOTA as versatile thermometer compound for solid-state NMR of hydrated lipid bilayer membranes. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 227-33	2.1	1

191	A three-dimensional movie of structural changes in bacteriorhodopsin. <i>Science</i> , 2016 , 354, 1552-1557	33.3	262
190	The Structure of the Bimolecular Complex between Amphotericin B and Ergosterol in Membranes Is Stabilized by Face-to-Face van der Waals Interaction with Their Rigid Cyclic Cores. <i>Biochemistry</i> , 2016 , 55, 3392-402	3.2	16
189	Lipid Interactions and Organization in Complex Bilayer Membranes. <i>Biophysical Journal</i> , 2016 , 110, 1563-1573	15.73	19
188	Bafilomycin analogue site-specifically fluorinated at the pharmacophore macrolactone ring has potent vacuolar-type ATPase inhibitory activity. <i>Tetrahedron Letters</i> , 2016 , 57, 2426-2429	2	5
187	Evaluation of diacylphospholipids as boundary lipids for bacteriorhodopsin from structural and functional aspects. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 2106-2115	3.8	7
186	Detection of Sphingomyelin Clusters by Raman Spectroscopy. <i>Biophysical Journal</i> , 2016 , 111, 999-1007	2.9	26
185	The Affinity of Cholesterol for Different Phospholipids Affects Lateral Segregation in Bilayers. <i>Biophysical Journal</i> , 2016 , 111, 546-556	2.9	44
184	Orientation and Order of the Amide Group of Sphingomyelin in Bilayers Determined by Solid-State NMR. <i>Biophysical Journal</i> , 2015 , 108, 2816-24	2.9	21
183	Development of protein seed crystals reinforced with high-strength hydrogels. <i>CrystEngComm</i> , 2015 , 17, 8064-8071	3.3	9
182	Sphingomyelin distribution in lipid rafts of artificial monolayer membranes visualized by Raman microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4558-63	11.5	85
181	Stereoselective synthesis of the head group of archaeal phospholipid PGP-Me to investigate bacteriorhodopsin-lipid interactions. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 10279-84	3.9	7
180	Role of polyol moiety of amphotericin B in ion channel formation and sterol selectivity in bilayer membrane. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 5782-8	3.4	9
179	Deuterium NMR of raft model membranes reveals domain-specific order profiles and compositional distribution. <i>Biophysical Journal</i> , 2015 , 108, 2502-2506	2.9	44
178	Phosphatidylcholine bearing 6,6-dideuterated oleic acid: a useful solid-state (2)H NMR probe for investigating membrane properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 203-6	2.9	8
177	Grease matrix as a versatile carrier of proteins for serial crystallography. <i>Nature Methods</i> , 2015 , 12, 61-3	21.6	154
176	Water-Mediated Recognition of Simple Alkyl Chains by Heart-Type Fatty-Acid-Binding Protein. <i>Angewandte Chemie</i> , 2015 , 127, 1528-1531	3.6	3
175	Centerband-only analysis of rotor-unsynchronized spin echo for measurement of lipid (31) P chemical shift anisotropy. <i>Magnetic Resonance in Chemistry</i> , 2015 , 53, 514-9	2.1	2
174	Bioactive Structure of Membrane Lipids and Natural Products Elucidated by a Chemistry-Based Approach. <i>Chemical Record</i> , 2015 , 15, 675-90	6.6	14

173	Modification of bafilomycin structure to efficiently synthesize solid-state NMR probes that selectively bind to vacuolar-type ATPase. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 915-24	4.5	7
172	Novel Raman-tagged sphingomyelin that closely mimics original raft-forming behavior. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 2989-94	3.4	11
171	Formation of Gel-like Nanodomains in Cholesterol-Containing Sphingomyelin or Phosphatidylcholine Binary Membrane As Examined by Fluorescence Lifetimes and (2)H NMR Spectra. <i>Langmuir</i> , 2015 , 31, 13783-92	4	19
170	Molecular dynamics simulations of heart-type fatty acid binding protein in apo and holo forms, and hydration structure analyses in the binding cavity. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 114-27	3.4	19
169	Axial hydrogen at C7 position and bumpy tetracyclic core markedly reduce sterol affinity to amphotericin B in membrane. <i>Biochemistry</i> , 2015 , 54, 303-12	3.2	13
168	Trifluoroethanol-containing RP-HPLC mobile phases for the separation of transmembrane peptides human glycoporphin-A, integrin alpha-1, and p24: analysis and prevention of potential side reactions due to formic acid. <i>Journal of Peptide Science</i> , 2015 , 21, 61-70	2.1	8
167	Water-mediated recognition of simple alkyl chains by heart-type fatty-acid-binding protein. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1508-11	16.4	31
166	Effect of sterol side chain on ion channel formation by amphotericin B in lipid bilayers. <i>Biochemistry</i> , 2014 , 53, 3088-94	3.2	14
165	Synthesis and biological activity of the C ₁₀₀ ring system of maitotoxin. <i>Journal of Organic Chemistry</i> , 2014 , 79, 4948-62	4.2	17
164	Interaction kinetics of liposome-incorporated unsaturated fatty acids with fatty acid-binding protein 3 by surface plasmon resonance. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 1804-8	3.4	11
163	Highly efficient preparation of selectively isotope cluster-labeled long chain fatty acids via two consecutive C(sp ³)-C(sp ³) cross-coupling reactions. <i>Organic Letters</i> , 2014 , 16, 844-7	6.2	13
162	Synthesis and biological evaluation of QRSTUVWXYZA domains of maitotoxin. <i>Journal of the American Chemical Society</i> , 2014 , 136, 16444-51	16.4	24
161	Direct and stereospecific interaction of amphidinol 3 with sterol in lipid bilayers. <i>Biochemistry</i> , 2014 , 53, 3287-93	3.2	31
160	Interaction analysis of a ladder-shaped polycyclic ether and model transmembrane peptides in lipid bilayers by using Förster resonance energy transfer and polarized attenuated total reflection infrared spectroscopy. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 3773-80	3.4	2
159	Detailed comparison of deuterium quadrupole profiles between sphingomyelin and phosphatidylcholine bilayers. <i>Biophysical Journal</i> , 2014 , 106, 631-8	2.9	49
158	Design and Synthesis of 24-Fluorinated Bafilomycin Analogue as an NMR Probe with Potent Inhibitory Activity to Vacuolar-type ATPase. <i>Chemistry Letters</i> , 2014 , 43, 474-476	1.7	5
157	JSPS Asian Core Program: 7th & 8th ICCEOCA (Phase II/NICCEOCA-3 & -4), 2nd & 3rd junior ICCEOCA, and partly IUPAC Asian Project. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1689-96	4.5	1
156	Crystallization and preliminary crystallographic studies of PotA, a membrane-associated ATPase of the spermidine-preferential uptake system in <i>Thermotoga maritima</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014 , 70, 738-41	1.1	2

155	Coexistence of two liquid crystalline phases in dihydrosphingomyelin and dioleoylphosphatidylcholine binary mixtures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014 , 1838, 1372-81	3.8	14
154	A novel sperm-activating and attracting factor from the ascidian <i>Ascidia sydneiensis</i> . <i>Organic Letters</i> , 2013 , 15, 294-7	6.2	15
153	Synthesis and structure revision of the C43-C67 part of amphidinol 3. <i>Organic Letters</i> , 2013 , 15, 2846-9	6.2	25
152	Interaction between the marine sponge cyclic peptide theonellamide A and sterols in lipid bilayers as viewed by surface plasmon resonance and solid-state (2)H nuclear magnetic resonance. <i>Biochemistry</i> , 2013 , 52, 2410-8	3.2	38
151	Expression, purification, crystallization and preliminary crystallographic analysis of spermidine acetyltransferase from <i>Escherichia coli</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013 , 69, 884-7		2
150	Characterization of the ordered phase formed by sphingomyelin analogues and cholesterol binary mixtures. <i>Biophysics (Nagoya-shi, Japan)</i> , 2013 , 9, 37-49		9
149	Structure of the human-heart fatty-acid-binding protein 3 in complex with the fluorescent probe 1-anilinonaphthalene-8-sulphonic acid. <i>Journal of Synchrotron Radiation</i> , 2013 , 20, 923-8	2.4	16
148	NMR-based conformational analysis of sphingomyelin in bicelles. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 270-8	3.4	26
147	Artificial ladder-shaped polyethers that inhibit maitotoxin-induced Ca ²⁺ influx in rat glioma C6 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 3619-22	2.9	8
146	Confirmation of the absolute configuration at C45 of amphidinol 3. <i>Journal of Natural Products</i> , 2012 , 75, 2003-6	4.9	17
145	Head-to-tail interaction between amphotericin B and ergosterol occurs in hydrated phospholipid membrane. <i>Biochemistry</i> , 2012 , 51, 83-9	3.2	30
144	Effects of chemical modification of sphingomyelin ammonium group on formation of liquid-ordered phase. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 4012-9	3.4	7
143	Possible conformation of amphotericin B dimer in membrane-bound assembly as deduced from solid-state NMR. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 5699-704	3.4	3
142	Comprehensive molecular motion capture for sphingomyelin by site-specific deuterium labeling. <i>Biochemistry</i> , 2012 , 51, 8363-70	3.2	46
141	An Approach Toward Identification of Target Proteins of Maitotoxin Based on Organic Synthesis 2012 , 23-35		
140	Channels formed by amphotericin B covalent dimers exhibit rectification. <i>Journal of Membrane Biology</i> , 2011 , 240, 159-64	2.3	11
139	Conformations of spermine in adenosine triphosphate complex: the structural basis for weak bimolecular interactions of major cellular electrolytes. <i>Chemistry - A European Journal</i> , 2011 , 17, 4788-95	4.8	4
138	Design and synthesis of sphingomyelin-cholesterol conjugates and their formation of ordered membranes. <i>Chemistry - A European Journal</i> , 2011 , 17, 8568-75	4.8	8

137	Isolation, amino acid sequence and biological activities of novel long-chain polyamine-associated peptide toxins from the sponge <i>Axinyssa aculeata</i> . <i>ChemBioChem</i> , 2011 , 12, 2191-200	3.8	12
136	Fluorinated cholesterol retains domain-forming activity in sphingomyelin bilayers. <i>Chemistry and Physics of Lipids</i> , 2011 , 164, 401-8	3.7	12
135	Prorocentrol, a polyoxy linear carbon chain compound isolated from the toxic dinoflagellate <i>Prorocentrum hoffmannianum</i> . <i>Journal of Organic Chemistry</i> , 2011 , 76, 3131-8	4.2	24
134	Lysine proximity significantly affects glycation of lysine-containing collagen model peptides. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 2125-9	3.4	3
133	Structural Reevaluations of Amphidinol 3, a Potent Antifungal Compound from Dinoflagellate. <i>Heterocycles</i> , 2010 , 82, 1359	0.8	3
132	3D structures of membrane-associated small molecules as determined in isotropic bicelles. <i>Natural Product Reports</i> , 2010 , 27, 1480-92	15.1	25
131	Reductive Etherification under Microfluidic Conditions: Application to Practical Synthesis of the FGHIJ-Ring System of Yessotoxin. <i>Chemistry Letters</i> , 2010 , 39, 108-109	1.7	16
130	Sterol effect on interaction between amphidinol 3 and liposomal membrane as evidenced by surface plasmon resonance. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 2215-8	2.9	23
129	Second-generation synthesis of endogenous sperm-activating and attracting factor (SAAF) isolated from the ascidian <i>Ciona intestinalis</i> . <i>Tetrahedron Letters</i> , 2010 , 51, 2600-2602	2	5
128	Detection of Rap1A as a yessotoxin binding protein from blood cell membranes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 6443-6	2.9	9
127	Ion channel complex of antibiotics as viewed by NMR. <i>Pure and Applied Chemistry</i> , 2009 , 81, 1123-1129	2.1	14
126	Conformational change of spermidine upon interaction with adenosine triphosphate in aqueous solution. <i>Chemistry - A European Journal</i> , 2009 , 15, 1618-26	4.8	7
125	Amphotericin B-induced ion flux is markedly attenuated in phosphatidylglycerol membrane as evidenced by a newly devised fluorometric method. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 6301-4	3.4	9
124	Surface plasmon resonance-based detection of ladder-shaped polyethers by inhibition detection method. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 2824-8	2.9	14
123	Direct interaction between amphotericin B and ergosterol in lipid bilayers as revealed by 2H NMR spectroscopy. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11855-60	16.4	54
122	Stereoselective synthesis of the C31-C40/C43-C52 unit of amphidinol 3. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8810-3	4.2	27
121	Design, synthesis, and biological evaluation of fluorinated analogues of salicylhalamide. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 798-806	8.3	27
120	Synthesis of 25- ¹³ C-Amphotericin B Methyl Ester: A Molecular Probe for Solid-state NMR Measurements. <i>Chemistry Letters</i> , 2009 , 38, 114-115	1.7	7

119	Maitotoxin-Photoactive Probe Binds to Membrane Proteins in Blood Cells. <i>Heterocycles</i> , 2009 , 79, 1007	0.8	12
118	Valosin-containing protein/p97 interacts with sperm-activating and sperm-attracting factor (SAAF) in the ascidian egg and modulates sperm-attracting activity. <i>Development Growth and Differentiation</i> , 2008 , 50, 665-73	3	10
117	Ascidian sperm activating and attracting factor: importance of sulfate groups for the activities and implication of its putative receptor. <i>FEBS Letters</i> , 2008 , 582, 3429-33	3.8	13
116	Roles of integral protein in membrane permeabilization by amphidinols. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008 , 1778, 1453-9	3.8	17
115	Orientation of fluorinated cholesterol in lipid bilayers analyzed by 19F tensor calculation and solid-state NMR. <i>Journal of the American Chemical Society</i> , 2008 , 130, 4757-66	16.4	22
114	Structure of membrane-bound amphidinol 3 in isotropic small bicelles. <i>Organic Letters</i> , 2008 , 10, 4191-4	6.2	30
113	Design and synthesis of ladder-shaped tetracyclic, heptacyclic, and decacyclic ethers and evaluation of the interaction with transmembrane proteins. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10217-26	16.4	30
112	Combinatorial synthesis of the 1,5-polyol system based on cross metathesis: structure revision of amphidinol 3. <i>Organic Letters</i> , 2008 , 10, 5203-6	6.2	56
111	Complex formation of amphotericin B in sterol-containing membranes as evidenced by surface plasmon resonance. <i>Biochemistry</i> , 2008 , 47, 7807-15	3.2	56
110	Convergent synthesis and biological activity of the WXYZABCD ring system of maitotoxin. <i>Organic Letters</i> , 2008 , 10, 3599-602	6.2	33
109	Ergosterol increases the intermolecular distance of amphotericin B in the membrane-bound assembly as evidenced by solid-state NMR. <i>Biochemistry</i> , 2008 , 47, 13463-9	3.2	33
108	Convergent Synthesis of the A-J Ring System of Yessotoxin. <i>Synlett</i> , 2008 , 2008, 2368-2372	2.2	6
107	Structural Features of Dinoflagellate Toxins Underlying Biological Activity as Viewed by NMR. <i>Bulletin of the Chemical Society of Japan</i> , 2008 , 81, 307-319	5.1	24
106	Accurate Measurement of Vicinal Carbon-Hydrogen Coupling Constants via Ammonium Nitrogen Based on HMBC Experiments. <i>Chemistry Letters</i> , 2008 , 37, 1172-1173	1.7	3
105	Self-assembled amphotericin B is probably surrounded by ergosterol: bimolecular interactions as evidenced by solid-state NMR and CD spectra. <i>Chemistry - A European Journal</i> , 2008 , 14, 1178-85	4.8	36
104	Effects of lipid constituents on membrane-permeabilizing activity of amphidinols. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 3084-90	3.4	33
103	Interaction of ladder-shaped polyethers with transmembrane alpha-helix of glycoporphin A as evidenced by saturation transfer difference NMR and surface plasmon resonance. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 6115-8	2.9	16
102	Conformation and position of membrane-bound amphotericin B deduced from NMR in SDS micelles. <i>Journal of Organic Chemistry</i> , 2007 , 72, 700-6	4.2	16

101	Conformation and location of membrane-bound salinomycin-sodium complex deduced from NMR in isotropic bicelles. <i>Journal of the American Chemical Society</i> , 2007 , 129, 14989-95	16.4	38
100	Synthesis of the JK Ring Fragments of Yessotoxin and 42,43,44,45,46,47,55-Heptanor-41-oxoyessotoxin. <i>Heterocycles</i> , 2007 , 72, 207	0.8	13
99	Amphotericin B covalent dimers with carbonyl-amino linkage: a new probe for investigating ion channel assemblies. <i>Tetrahedron Letters</i> , 2007 , 48, 3393-3396	2	15
98	Large molecular assembly of amphotericin B formed in ergosterol-containing membrane evidenced by solid-state NMR of intramolecular bridged derivative. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11977-84	16.4	26
97	Synthesis of Artificial Ladder-Shaped Polyethers Containing a 6/7 cis-Fused Ring System. <i>Heterocycles</i> , 2006 , 70, 161	0.8	7
96	Membrane interaction of amphotericin B as single-length assembly examined by solid state NMR for uniformly ¹³ C-enriched agent. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 6608-14	3.4	23
95	Structures of new amphidinols with truncated polyhydroxyl chain and their membrane-permeabilizing activities. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 6548-54	3.4	68
94	Design and synthesis of an artificial ladder-shaped polyether that interacts with glycoprotein A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 6355-9	2.9	21
93	Synthesis of the ABC and IJ ring fragments of yessotoxin. <i>Tetrahedron Letters</i> , 2006 , 47, 3975-3978	2	26
92	Synthesis of 28-19F-amphotericin B methyl ester. <i>Tetrahedron Letters</i> , 2006 , 47, 6187-6191	2	34
91	Detailed description of the conformation and location of membrane-bound erythromycin A using isotropic bicelles. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 3501-8	8.3	19
90	Convergent Synthesis of the CDEF Ring Fragment of Yessotoxin via α -Cyano Ethers. <i>Heterocycles</i> , 2006 , 69, 91	0.8	15
89	Derivatization and Isotope Labeling of Amphotericin B Aiming at Elucidation of the Ion-channel Structure. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2006 , 64, 502-514	0.2	2
88	Dominant formation of a single-length channel by amphotericin B in dimyristoylphosphatidylcholine membrane evidenced by ¹³ C- ³¹ P rotational echo double resonance. <i>Biochemistry</i> , 2005 , 44, 704-10	3.2	45
87	Mycosamine orientation of amphotericin B controlling interaction with ergosterol: sterol-dependent activity of conformation-restricted derivatives with an amino-carbonyl bridge. <i>Journal of the American Chemical Society</i> , 2005 , 127, 10667-75	16.4	69
86	Ladder-shaped polyether compound, desulfated yessotoxin, interacts with membrane-integral α -helix peptides. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 5099-103	3.4	26
85	Convergent synthesis of the FGHI ring system of yessotoxin: stereoselective construction of the G ring. <i>Tetrahedron Letters</i> , 2005 , 46, 3991-3995	2	30
84	Hairpin conformation of amphidinols possibly accounting for potent membrane permeabilizing activities. <i>Tetrahedron</i> , 2005 , 61, 2795-2802	2.4	56

83	Isolation and structure elucidation of a new amphidinol with a truncated polyhydroxyl chain from <i>Amphidinium klebsii</i> . <i>Tetrahedron</i> , 2005 , 61, 8606-8610	2.4	71
82	Bioactive fluorinated derivative of amphotericin B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 3565-7	2.9	22
81	Intact glycation end products containing carboxymethyl-lysine and glyoxal lysine dimer obtained from synthetic collagen model peptide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 5677-80	2.9	12
80	Synthesis and identification of an endogenous sperm activating and attracting factor isolated from eggs of the ascidian <i>Ciona intestinalis</i> ; an example of nanomolar-level structure elucidation of novel natural compound. <i>Tetrahedron</i> , 2004 , 60, 6971-6980	2.4	25
79	Amphotericin B covalent dimers bearing a tartarate linkage. <i>Chemistry and Biodiversity</i> , 2004 , 1, 346-52	2.5	15
78	Synthesis and conformation of deuterated spermidine for investigating weak interaction with polyanionic biomolecules. <i>Tetrahedron</i> , 2004 , 60, 5163-5170	2.4	4
77	An amphotericin B-ergosterol covalent conjugate with powerful membrane permeabilizing activity. <i>Chemistry and Biology</i> , 2004 , 11, 673-9		34
76	Membrane-permeabilizing activities of amphidinol 3, polyene-polyhydroxy antifungal from a marine dinoflagellate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004 , 1667, 91-100	3.8	46
75	Synthesis of endogenous sperm-activating and attracting factor isolated from ascidian <i>Ciona intestinalis</i> . <i>Tetrahedron Letters</i> , 2003 , 44, 6387-6389	2	25
74	Convergent synthesis of trans-fused 6/n/6/6 (n=7, 8) tetracyclic ether system via β -cyano ethers. <i>Tetrahedron Letters</i> , 2003 , 44, 7315-7319	2	31
73	Cloning of modular type I polyketide synthase genes from salinomycin producing strain of <i>Streptomyces albus</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 3401-5	3.4	34
72	Amphotericin B-phospholipid covalent conjugates: dependence of membrane-permeabilizing activity on acyl-chain length. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 3882-4	3.9	24
71	Membrane permeabilizing activity of amphotericin B is affected by chain length of phosphatidylcholine added as minor constituent. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003 , 1617, 109-15	3.8	31
70	A chemoattractant for ascidian spermatozoa is a sulfated steroid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 14831-6	11.5	143
69	Amphotericin B dimers with bisamide linkage bearing powerful membrane-permeabilizing activity. <i>Organic Letters</i> , 2002 , 4, 2087-9	6.2	30
68	Amphotericin B covalent dimers forming sterol-dependent ion-permeable membrane channels. <i>Journal of the American Chemical Society</i> , 2002 , 124, 4180-1	16.4	52
67	Cholesterol markedly reduces ion permeability induced by membrane-bound amphotericin B. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002 , 1564, 429-34	3.8	41
66	Acetate labeling patterns of dinoflagellate polyketides, amphidinols 2, 3 and 4. <i>Tetrahedron</i> , 2001 , 57, 5551-5555	2.4	63

65	Identification of N ^ε -carboxymethylarginine as a novel acid-labile advanced glycation end product in collagen. <i>Biochemical Journal</i> , 2000 , 347, 23-27	3.8	62
64	Identification of N ^ε -carboxymethylarginine as a novel acid-labile advanced glycation end product in collagen. <i>Biochemical Journal</i> , 2000 , 347, 23	3.8	28
63	¹⁸ O-Labeling pattern of okadaic acid from H218O in dinoflagellate <i>Prorocentrum lima</i> elucidated by tandem mass spectrometry. <i>FEBS Journal</i> , 2000 , 267, 5179-83		26
62	Absolute configuration of a ceramide with a novel branched-chain fatty acid isolated from the epiphytic dinoflagellate, <i>Coolia monotis</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2000 , 64, 1842-6	2.1	21
61	The structure elucidation and biological activities of high molecular weight algal toxins: maitotoxin, pymnesins and zooxanthellatoxins. <i>Natural Product Reports</i> , 2000 , 17, 293-314	15.1	255
60	Direct observation of binding between biotinylated okadaic acids and protein phosphatase 2A monitored by surface plasmon resonance. <i>Tetrahedron Letters</i> , 1999 , 40, 887-890	2	6
59	Stereochemical Determination of Acyclic Structures Based on Carbon-Proton Spin-Coupling Constants. A Method of Configuration Analysis for Natural Products. <i>Journal of Organic Chemistry</i> , 1999 , 64, 866-876	4.2	610
58	Absolute Configuration of Amphidinol 3, the First Complete Structure Determination from Amphidinol Homologues: Application of a New Configuration Analysis Based on Carbon-Hydrogen Spin-Coupling Constants. <i>Journal of the American Chemical Society</i> , 1999 , 121, 870-871	16.4	169
57	Maitotoxin-induced calcium influx in erythrocyte ghosts and rat glioma C6 cells, and blockade by gangliosides and other membrane lipids. <i>Chemical Research in Toxicology</i> , 1999 , 12, 993-1001	4	17
56	Screening of epiphytic dinoflagellates for radical scavenging and cytotoxic activities. <i>Phycological Research</i> , 1998 , 46, 9-12	1.3	1
55	Inhibition of maitotoxin-induced Ca ²⁺ influx in rat glioma C6 cells by brevetoxins and synthetic fragments of maitotoxin. <i>Journal of Neurochemistry</i> , 1998 , 70, 409-16	6	28
54	A new ceramide with a novel branched-chain fatty acid isolated from the epiphytic dinoflagellate <i>coolia monotis</i> . <i>Journal of Natural Products</i> , 1998 , 61, 685-8	4.9	22
53	Labeling Pattern of Okadaic Acid from ¹⁸ O ₂ and [¹⁸ O ₂]Acetate Elucidated by Collision-Induced Dissociation Tandem Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 1998 , 120, 147-151	16.4	34
52	Dysiherbaine: A New Neurotoxic Amino Acid from the Micronesian Marine Sponge <i>Dysidea herbacea</i> . <i>Journal of the American Chemical Society</i> , 1997 , 119, 4112-4116	16.4	146
51	Synthetic study of ciguatoxin. Absolute configuration of the C2 hydroxy group. <i>Tetrahedron</i> , 1997 , 53, 3057-3072	2.4	40
50	Complete Structure of Maitotoxin.. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1997 , 55, 535-546	0.2	4
49	Die Struktur von Maitotoxin I: Konfiguration der C1-C14-Seitenkette. <i>Angewandte Chemie</i> , 1996 , 108, 1782-1785	3.6	26
48	Die Struktur von Maitotoxin II: Konfiguration der C135-C142-Seitenkette und absolute Konfiguration des gesamten Molekls. <i>Angewandte Chemie</i> , 1996 , 108, 1786-1789	3.6	22

47	The Complete Structure of Maitotoxin, Part I: Configuration of the C1?C14 Side Chain. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1672-1675		93
46	The Complete Structure of Maitotoxin, Part II: Configuration of the C135?C142 Side Chain and Absolute Configuration of the Entire Molecule. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1675-1678		91
45	Long-range carbon-proton coupling constants for stereochemical assignment of acyclic structures in natural products: Configuration of the C5?C9 portion of maitotoxin. <i>Tetrahedron Letters</i> , 1996 , 37, 1269-1272	2	46
44	Isolation and chemical structure of amphidinol 2, a potent hemolytic compound from marine dinoflagellate <i>Amphidinium klebsii</i> . <i>Tetrahedron Letters</i> , 1995 , 36, 6279-6282	2	103
43	Synthetic approach toward complete structure determination of maitotoxin. stereochemical assignment of the C63-C68 acyclic linkage. <i>Tetrahedron Letters</i> , 1995 , 36, 9007-9010	2	39
42	Stereochemical assignment of the C35-C39 Acyclic linkage in maitotoxin: completion of stereochemical determination of C15-C134. <i>Tetrahedron Letters</i> , 1995 , 36, 9011-9014	2	44
41	Structural Confirmation of Maitotoxin Based on Complete ¹³ C NMR Assignments and the Three-Dimensional PFG NOESY-HMQC Spectrum. <i>Journal of the American Chemical Society</i> , 1995 , 117, 7019-7020	16.4	79
40	Conformational analysis of natural products using long-range carbon-proton coupling constants: Three-dimensional structure of okadaic acid in solution. <i>Tetrahedron</i> , 1995 , 51, 12229-12238	2.4	54
39	Synthesis and stereochemical confirmation of the cis-fused L/M and N/O ring systems of maitotoxin. <i>Tetrahedron Letters</i> , 1994 , 35, 5023-5026	2	43
38	Structure and Partial Stereochemical Assignments for Maitotoxin, the Most Toxic and Largest Natural Non-Biopolymer. <i>Journal of the American Chemical Society</i> , 1994 , 116, 7098-7107	16.4	163
37	Marine toxins. <i>Chemical Reviews</i> , 1993 , 93, 1897-1909	68.1	803
36	Negative-ion fast-atom bombardment tandem mass spectrometry for the structural study of polyether compounds: Structural verification of yessotoxin. <i>Rapid Communications in Mass Spectrometry</i> , 1993 , 7, 179-182	2.2	51
35	Structure of maitotoxin. <i>Journal of the American Chemical Society</i> , 1993 , 115, 2060-2062	16.4	171
34	Gambierol: a new toxic polyether compound isolated from the marine dinoflagellate <i>Gambierdiscus toxicus</i> . <i>Journal of the American Chemical Society</i> , 1993 , 115, 361-362	16.4	192
33	The structure of CTX3C, a ciguatoxin congener isolated from cultured <i>Gambierdiscus toxicus</i> . <i>Tetrahedron Letters</i> , 1993 , 34, 1975-1978	2	229
32	Gambieric acids, new potent antifungal substances with unprecedented polyether structures from a marine dinoflagellate <i>Gambierdiscus toxicus</i> . <i>Journal of Organic Chemistry</i> , 1992 , 57, 5448-5453	4.2	151
31	Partial structures of maitotoxin, the most potent marine toxin from the dinoflagellate <i>Gambierdiscus toxicus</i> . <i>Journal of the American Chemical Society</i> , 1992 , 114, 6594-6596	16.4	66
30	Gambieric acids: unprecedented potent antifungal substances isolated from cultures of a marine dinoflagellate <i>Gambierdiscus toxicus</i> . <i>Journal of the American Chemical Society</i> , 1992 , 114, 1102-1103	16.4	106

29	¹³ C NMR Assignments of ciguatoxin by inverse-detected 2d spectroscopy and an explanation of nmr signal broadening. <i>Tetrahedron Letters</i> , 1992 , 33, 525-526	2	46
28	Selective stimulation of Ca ²⁺ flux in cells by maitotoxin. <i>European Journal of Pharmacology</i> , 1992 , 227, 43-9		39
27	Enantioselective synthesis of the AB ring fragment of gambiertoxin 4B. Implication for the absolute configuration of gambiertoxin 4B and ciguatoxin. <i>Tetrahedron Letters</i> , 1991 , 32, 4505-4508	2	41
26	Amphidinol, a polyhydroxy-polyene antifungal agent with an unprecedented structure, from a marine dinoflagellate, <i>Amphidinium klebsii</i> . <i>Journal of the American Chemical Society</i> , 1991 , 113, 9859-9861	16.4	180
25	Effect of maitotoxin analogues on calcium influx and phosphoinositide breakdown in cultured cells. <i>Toxicon</i> , 1991 , 29, 1085-96	2.8	23
24	Polyether Toxins Involved in Seafood Poisoning. <i>ACS Symposium Series</i> , 1990 , 120-132	0.4	24
23	Structures and configurations of ciguatoxin from the moray eel <i>Gymnothorax javanicus</i> and its likely precursor from the dinoflagellate <i>Gambierdiscus toxicus</i> . <i>Journal of the American Chemical Society</i> , 1990 , 112, 4380-4386	16.4	410
22	Histopathological studies on experimental marine toxin poisoning--5. The effects in mice of yessotoxin isolated from <i>Patinopecten yessoensis</i> and of a desulfated derivative. <i>Toxicon</i> , 1990 , 28, 1095-104	2.8	145
21	Polyether Toxins Implicated in Ciguatera and Seafood Poisoning 1990 , 589-596		
20	Biological Activities of Semisynthetic Analogs of Dinophysistoxin-3, the Major Diarrhetic Shellfish Toxin. <i>Agricultural and Biological Chemistry</i> , 1989 , 53, 525-529		2
19	A probable partial structure of ciguatoxin isolated from the moray eel. <i>Tetrahedron Letters</i> , 1989 , 30, 3793-3796	2	29
18	Structures of ciguatoxin and its congener. <i>Journal of the American Chemical Society</i> , 1989 , 111, 8929-8931	16.4	265
17	Biological activities of semisynthetic analogs of dinophysistoxin-3, the major diarrhetic shellfish toxin.. <i>Agricultural and Biological Chemistry</i> , 1989 , 53, 525-529		48
16	Structure Elucidation and Microanalyses of Diarrhetic Shellfish Toxins. <i>Journal of Japan Oil Chemists Society</i> , 1989 , 38, 815-822		
15	Isolation of 11-nortetrodotoxin-6(R)-OL and other tetrodotoxin derivatives from the puffer fugu niphobles. <i>Tetrahedron Letters</i> , 1988 , 29, 4127-4128	2	56
14	Diarrhetic shellfish toxin, dinophysistoxin-1, is a potent tumor promoter on mouse skin. <i>Japanese Journal of Cancer Research</i> , 1988 , 79, 1089-93		109
13	New tetrodotoxin analogs from the newt <i>Cynops ensicauda</i> . <i>Journal of the American Chemical Society</i> , 1988 , 110, 2344-2345	16.4	131
12	Prorocentrolide, a toxic nitrogenous macrocycle from a marine dinoflagellate, <i>Prorocentrum lima</i> . <i>Journal of the American Chemical Society</i> , 1988 , 110, 7876-7877	16.4	131

11	Some chemical properties of maitotoxin, a putative calcium channel agonist isolated from a marine dinoflagellate. <i>Journal of Biochemistry</i> , 1988 , 104, 184-7	3.1	121
10	TOXINS PRODUCED BY BENTHIC DINOFLAGELLATES. <i>Biological Bulletin</i> , 1987 , 172, 128-131	1.5	150
9	Production of tetrodotoxin and its derivatives by <i>Pseudomonas</i> sp. isolated from the skin of a pufferfish. <i>Toxicon</i> , 1987 , 25, 225-8	2.8	131
8	Occurrence of palytoxin in the trigger fish <i>Melichtys vidua</i> . <i>Toxicon</i> , 1987 , 25, 1121-4	2.8	67
7	Isolation and structure of yessotoxin, a novel polyether compound implicated in diarrhetic shellfish poisoning. <i>Tetrahedron Letters</i> , 1987 , 28, 5869-5872	2	328
6	Okadaic acid as the causative toxin of diarrhetic shellfish poisoning in Europe.. <i>Agricultural and Biological Chemistry</i> , 1986 , 50, 2853-2857		131
5	The Structure of Pectenotoxin-3, a New Constituent of Diarrhetic Shellfish Toxins. <i>Agricultural and Biological Chemistry</i> , 1986 , 50, 2693-2695		12
4	The structure of pectenotoxin-3, a new constituent of diarrhetic shellfish toxins.. <i>Agricultural and Biological Chemistry</i> , 1986 , 50, 2693-2695		58
3	Diarrhetic shellfish toxins. <i>Tetrahedron</i> , 1985 , 41, 1019-1025	2.4	552
2	Diarrhetic Shellfish Poisoning. <i>ACS Symposium Series</i> , 1984 , 207-214	0.4	86
1	Isolation and structural elucidation of the causative toxin of the diarrhetic shellfish poisoning.. <i>Nippon Suisan Gakkaishi</i> , 1982 , 48, 549-552	0.2	219