

Toshio Nishikawa

List of Publications by Year in descending order

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140
papers

3,180
citations

147801

31
h-index

214800

47
g-index

164
all docs

164
docs citations

164
times ranked

1983
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of the eight-membered carbocycle of brachialactone by intramolecular Mizoroki-Heck reaction. <i>Tetrahedron Letters</i> , 2022, 90, 153608.	1.4	1
2	Local Differences in the Toxin Amount and Composition of Tetrodotoxin and Related Compounds in Pufferfish (<i>Chelonodon patoca</i>) and Toxic Goby (<i>Yongeichthys criniger</i>) Juveniles. <i>Toxins</i> , 2022, 14, 150.	3.4	10
3	Green spotted puffers detect a nontoxic TTX analog odor using crypt olfactory sensory neurons. <i>Chemical Senses</i> , 2022, 47, .	2.0	8
4	Domestic cat damage to plant leaves containing iridoids enhances chemical repellency to pests. <i>IScience</i> , 2022, 25, 104455.	4.1	6
5	The Synthesis of Simplified Analogues of Crambescin B Carboxylic Acid and Their Inhibitory Activity of Voltage-Gated Sodium Channels: New Aspects of Structure-Activity Relationships. <i>Heterocycles</i> , 2022, 105, 343.	0.7	0
6	Total Syntheses of the Proposed Biosynthetic Intermediates of Tetrodotoxin Tb-210B, Tb-226, Tb-242C, and Tb-258. <i>Journal of Organic Chemistry</i> , 2022, 87, 9023-9033.	3.2	4
7	Tetrodotoxins in the flatworm <i>Planocera multitentaculata</i> . <i>Toxicon</i> , 2022, 216, 169-173.	1.6	6
8	Evaluation of the <i>in vitro</i> cytotoxicity of oscillatoxins E and F under nutrient-starvation culture conditions. <i>Fundamental Toxicological Sciences</i> , 2021, 8, 69-73.	0.6	1
9	The characteristic response of domestic cats to plant iridoids allows them to gain chemical defense against mosquitoes. <i>Science Advances</i> , 2021, 7, .	10.3	23
10	Biomimetic Synthesis of the CDE Ring Moiety of Physalins, Complex 13,14-Secosteroids. <i>Organic Letters</i> , 2021, 23, 989-994.	4.6	5
11	Total Synthesis of the Cardiotonic Steroid (+)-Cannogenol. <i>Journal of Organic Chemistry</i> , 2021, 86, 3605-3614.	3.2	6
12	Total synthesis and biological evaluation of oscillatoxins D, E, and F. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 1371-1382.	1.3	8
13	First Detection of Tetrodotoxins in the Cotylean Flatworm <i>Prosthlostomum trilineatum</i> . <i>Marine Drugs</i> , 2021, 19, 40.	4.6	9
14	Synthesis of the 8-Deoxy Analogue of 4,9-Anhydro-10-hemiketal-5-deoxy-tetrodotoxin, a Proposed Biosynthetic Precursor of Tetrodotoxin. <i>Organic Letters</i> , 2021, 23, 9232-9236.	4.6	6
15	Biosynthesis of Indole Diterpene Lolitrems: Radical-Induced Cyclization of an Epoxyalcohol Affording a Characteristic Lolitremane Skeleton. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17996-18002.	13.8	25
16	Biosynthesis of Indole Diterpene Lolitrems: Radical-Induced Cyclization of an Epoxyalcohol Affording a Characteristic Lolitremane Skeleton. <i>Angewandte Chemie</i> , 2020, 132, 18152-18158.	2.0	5
17	Studies toward the Synthesis of Chartelline C. <i>Journal of Organic Chemistry</i> , 2020, 85, 7534-7542.	3.2	8
18	Biomimetic Synthesis of Chaxine and its Related Compounds. <i>Journal of Organic Chemistry</i> , 2020, 85, 4848-4860.	3.2	5

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19	New Synthetic Method for Efficient Synthesis of Bioactive Natural Products –Biomimetic Synthesis of Chaxines–. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2020, 78, 566-574.	0.1	0
20	Asymmetric Synthesis of the Aromatic Fragment of Suspendole. Journal of Organic Chemistry, 2019, 84, 9750-9757.	3.2	2
21	Synthesis of Oxy-Functionalized Steroidal Skeletons via Mizoroki–Heck and Intramolecular Diels–Alder Reactions. Organic Letters, 2019, 21, 7410-7414.	4.6	11
22	Total Syntheses and Determination of Absolute Configurations of Cep-212 and Cep-210, Predicted Biosynthetic Intermediates of Tetrodotoxin Isolated from Toxic Newt. Organic Letters, 2019, 21, 780-784.	4.6	20
23	Spiro Bicyclic Guanidino Compounds from Pufferfish: Possible Biosynthetic Intermediates of Tetrodotoxin in Marine Environments. Chemistry - A European Journal, 2018, 24, 7250-7258.	3.3	41
24	Identification of an Asexual Reproduction Inducer of Phytopathogenic and Toxigenic Fusarium. Angewandte Chemie, 2018, 130, 8232-8236.	2.0	1
25	Identification of an Asexual Reproduction Inducer of Phytopathogenic and Toxigenic Fusarium. Angewandte Chemie - International Edition, 2018, 57, 8100-8104.	13.8	7
26	A concise synthesis of peramine, a metabolite of endophytic fungi. Bioscience, Biotechnology and Biochemistry, 2018, 82, 2053-2058.	1.3	8
27	Semi–synthesis and Structure–Activity Relationship of Neuritogenic Oleanene Derivatives. ChemMedChem, 2018, 13, 1972-1977.	3.2	6
28	Toward a Synthesis of Fawcettimine-Type <i>Lycopodium</i> Alkaloids: Stereocontrolled Synthesis of a Functionalized Azaspirocyclic Precursor. Journal of Organic Chemistry, 2018, 83, 11108-11117.	3.2	5
29	Synthesis of Dibromo Compounds Containing 2,6-Dioxabicyclo[3.1.1]heptane Similar to Core Moiety of Thromboxane A ₂ . Heterocycles, 2018, 96, 127.	0.7	2
30	Biomimetic Synthesis and Structural Revision of Chaxine B and Its Analogues. Organic Letters, 2017, 19, 560-563.	4.6	13
31	Palladium-Catalyzed Cascade Wacker/Allylation Sequence with Allylic Alcohols Leading to Allylated Dihydropyrones. ACS Omega, 2017, 2, 487-495.	3.5	14
32	Inhibition of veratridine-induced delayed inactivation of the voltage-sensitive sodium channel by synthetic analogs of crambescin B. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1247-1251.	2.2	7
33	New regiocontrolled syntheses of pyrrolopyrazinones and its application to the synthesis of peramine. Tetrahedron, 2017, 73, 3443-3451.	1.9	5
34	One-Step Transformation of Trichloroacetamide into Isonitrile. Organic Letters, 2017, 19, 380-383.	4.6	4
35	Synthetic Route to Oscillatoxin D and Its Analogues. Organic Letters, 2017, 19, 5992-5995.	4.6	11
36	Differential binding of tetrodotoxin and its derivatives to voltage-sensitive sodium channel subtypes (Na v 1.1 to Na v 1.7). British Journal of Pharmacology, 2017, 174, 3881-3892.	5.4	52

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37	Concise Synthesis of a Cyclopentane Intermediate Possessing All Nitrogen Functionalities for Pactamycin. <i>Synlett</i> , 2017, 28, 2303-2306.	1.8	5
38	De Novo Synthesis of Possible Candidates for the Inagami-Tamura Endogenous Digitalis-like Factor. <i>Journal of Organic Chemistry</i> , 2017, 82, 9097-9111.	3.2	11
39	A Synthetic Strategy for Saxitoxin Skeleton by a Cascade Bromocyclization: Total Synthesis of (+)-Decarbamoyl-±-saxitoxinol. <i>Organic Letters</i> , 2016, 18, 6368-6371.	4.6	13
40	Asymmetric synthesis of crambescic acid carboxylic acids and their inhibitory activity on voltage-gated sodium channels. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5304-5309.	2.8	16
41	A Divergent Approach to the Diastereoselective Synthesis of 3,3-Disubstituted Oxindoles from Atropisomeric <i>N</i> -Aryl Oxindole Derivatives. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3267-3274.	3.3	14
42	One-pot non-enzymatic formation of firefly luciferin in a neutral buffer from p-benzoquinone and cysteine. <i>Scientific Reports</i> , 2016, 6, 24794.	3.3	25
43	Improved Syntheses of (+)-Iridomyrmecin and (-)-Isoiridomyrmecin, Major Components of Matatabilactone. <i>Natural Product Communications</i> , 2016, 11, 883-886.	0.5	1
44	Synthesis of a <i>N</i> -Axially Chiral <i>N</i> -Arylisatin through Asymmetric Intramolecular <i>N</i> -Arylation. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4603-4606.	2.4	27
45	Synthesis of 1,5-Dioxaspiro[3.4]octane through Bromocation-Induced Cascade Cyclization. <i>Heterocycles</i> , 2015, 91, 1157.	0.7	5
46	Unexpected Metal-Free Transformation of <i>gem</i> -Dibromomethylenes to Ketones under Acetylation Conditions. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1035-1041.	3.3	1
47	Stereocontrolled Synthesis of ABC Tricycle of Solanoclepin A. <i>Synlett</i> , 2015, 26, 965-969.	1.8	8
48	Diastereoselective Synthesis of 3,3-Disubstituted Oxindoles from <i>N</i> -Aryl-3-Chlorooxindoles Bearing <i>N</i> -Axial Chirality via Nucleophilic Substitution. <i>Synlett</i> , 2015, 26, 1116-1120.	1.8	5
49	Multifunctionality of the <i>N</i> -Trichloroacetyl Group Developed in the Synthesis of Tetrodotoxin, a Puffer Fish Toxin. <i>Synlett</i> , 2015, 26, 1930-1939.	1.8	12
50	A New Deprotection Procedure of MTM Ether. <i>Synlett</i> , 2014, 25, 2498-2502.	1.8	1
51	Total Synthesis of Chiriquitoxin, an Analogue of Tetrodotoxin Isolated from the Skin of a Dart Frog. <i>Chemistry - A European Journal</i> , 2014, 20, 1247-1251.	3.3	23
52	Synthesis of crambescic acid, a potent inhibitor of voltage-gated sodium channels. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 53-56.	2.8	17
53	Synthesis of 5- and 8-Deoxytetrodotoxin. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1922-1932.	3.3	24
54	Synthesis of 5,6,11-Trideoxytetrodotoxin. <i>Chemistry Letters</i> , 2014, 43, 1719-1721.	1.3	22

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55	Stereocontrolled synthesis of the oxathiabicyclo[3.3.1]nonane core structure of tagetitoxin. <i>Chemical Communications</i> , 2013, 49, 11221.	4.1	9
56	An Improved Synthesis of (±)-5,11-Dideoxytetrodotoxin. <i>Journal of Organic Chemistry</i> , 2013, 78, 1699-1705.	3.2	28
57	Insight into the chemistry of cycloaddition between 1±-ketol oxylipin and epinephrine: isolation and structure elucidation of a new reaction product. <i>Tetrahedron Letters</i> , 2013, 54, 2247-2250.	1.4	4
58	Stereocontrolled Total Synthesis of Polygalolide A. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1428-1435.	3.3	12
59	Synthesis of Tetracyclic Indoline and Indolenine Derivatives Having 1±-Lactam Using Amphiphilic Reactivity of 2-Methylindolenine. <i>Heterocycles</i> , 2013, 87, 611.	0.7	4
60	Synthesis of Tetrodotoxin, a Classic but Still Fascinating Natural Product. <i>Chemical Record</i> , 2013, 13, 286-302.	5.8	47
61	Structural Study on a Naturally Occurring Terphenyl Quinone. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1529-1532.	1.3	4
62	First Identification of 5,11-Dideoxytetrodotoxin in Marine Animals, and Characterization of Major Fragment Ions of Tetrodotoxin and Its Analogs by High Resolution ESI-MS/MS. <i>Marine Drugs</i> , 2013, 11, 2799-2813.	4.6	99
63	A Concise Synthesis of a Highly Strained Cyclobutane in Solanoclepin A by Radical Cyclization. <i>Chemistry Letters</i> , 2012, 41, 287-289.	1.3	22
64	Stereocontrolled Synthesis of an Indole Moiety of Suspendole and Stereochemical Assignment of the Side Chain. <i>Organic Letters</i> , 2012, 14, 114-117.	4.6	25
65	Diastereoselective synthesis of 3,3-disubstituted oxindoles from atropisomeric N-aryl oxindole derivatives. <i>Tetrahedron Letters</i> , 2012, 53, 7131-7134.	1.4	27
66	Synthetic studies on pactamycin, a potent antitumor antibiotic. <i>RSC Advances</i> , 2012, 2, 9448.	3.6	21
67	A New Synthetic Route to the Skeleton of Saxitoxin, a Naturally Occurring Blocker of Voltage-Gated Sodium Channels. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2012, 70, 1178-1186.	0.1	17
68	Total Synthesis of Polygalolide A. <i>Organic Letters</i> , 2011, 13, 6532-6535.	4.6	9
69	A New Ring Expansion for a Chiral Hexahydroazulene Skeleton Possessing an Angular Methyl Group. <i>Journal of Organic Chemistry</i> , 2011, 76, 6942-6945.	3.2	7
70	Concise Synthesis of Deformylflustrabromine, a Marine Indole Alkaloid, through a 2-Propynyl Dicobalt Hexacarbonyl Complex. <i>Chemistry Letters</i> , 2011, 40, 1079-1081.	1.3	6
71	Dynamic Chirality Determines Critical Roles for Bioluminescence in <i>Symplectin</i> Dehydrocoelenterazine System. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2080-2091.	3.3	5
72	A Synthetic Route to the Saxitoxin Skeleton: Synthesis of Decarbamoyl 1±-Saxitoxinol, an Analogue of Saxitoxin Produced by the Cyanobacterium <i>Lyngbya wollei</i> . <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7176-7178.	13.8	49

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73	Synthetic Study on Suspendole, an Indole Sesquiterpene Alkaloid: Stereocontrolled Synthesis of the Sesquiterpene Segment Bearing All Requisite Stereogenic Centers. <i>Synlett</i> , 2011, 2011, 647-650.	1.8	3
74	Bromocyclization of Alkynyl Guanidine: A New Approach to the Synthesis of Cyclic Guanidines of Saxitoxin. <i>Synlett</i> , 2011, 2011, 651-654.	1.8	8
75	Synthesis of an Advanced Intermediate Bearing Two Hydroxy Groups for (â²)-Tetrodotoxin and Its Analogs. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 66-68.	3.2	9
76	Identification of a Fluorescent Compound in the Cuticle of the Train Millipede <i>Parafontaria laminata armigera</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 2307-2309.	1.3	12
77	Scalable Synthesis of a New Dihydroxylated Intermediate for Tetrodotoxin and Its Analogues. <i>Synthesis</i> , 2010, 2010, 1992-1998.	2.3	2
78	Dehydrocoelenterazine is the Organic Substance Constituting the Prosthetic Group of Pholasin. <i>ChemBioChem</i> , 2009, 10, 2725-2729.	2.6	18
79	Selective protein modification by the hydroperoxide intermediate in a photoprotein, aequorin. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3399-3404.	3.0	7
80	Substituent Effect of Imino- <i>O</i> -arenesulfonates, a Coupling Partner in Suzuki-Miyaura Reaction for Substitution of the Pyrazine Ring: A Study for the Synthesis of Coelenterazine Analogs. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 870-878.	3.2	9
81	Syntheses of N-Acylisoxazolidine Derivatives, Related to a Partial Structure Found in Zetekitoxin AB, a Golden Frog Poison. <i>Heterocycles</i> , 2009, 79, 379.	0.7	18
82	Pholasin luminescence is enhanced by addition of dehydrocoelenterazine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5657-5659.	2.2	17
83	Synthesis of N-hydroxyenamide, a potential precursor of chartelline. <i>Tetrahedron Letters</i> , 2008, 49, 594-597.	1.4	12
84	C-Glycosylation. , 2008, , 755-811.		18
85	Synthetic studies and biosynthetic speculation on marine alkaloid chartelline. <i>Chemical Communications</i> , 2008, , 3121.	4.1	23
86	Regioselectivity of Larock Indole Synthesis Using Functionalized Alkynes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 2092-2102.	1.3	9
87	The First Asymmetric Total Synthesis of Tetrodotoxin, a Puffer Fish Toxin. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2007, 65, 492-501.	0.1	7
88	Synthesis of Î²-analogues of C-mannosyltryptophan, a novel C-glycosylamino acid found in proteins. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 1268.	2.8	42
89	One-Pot Transformation of Trichloroacetamide into Readily Deprotectable Carbamates. <i>Organic Letters</i> , 2006, 8, 3263-3265.	4.6	38
90	Syntheses of Naturally Occurring Terphenyls and Related Compounds. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 2998-3003.	1.3	22

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91	An Efficient Total Synthesis of Optically Active Tetrodotoxin from Levoglucosenone. Chemistry - an Asian Journal, 2006, 1, 125-135.	3.3	54
92	A Novel Deprotection of Trichloroacetamide.. ChemInform, 2005, 36, no.	0.0	0
93	Synthesis of Functionalized Cyclopentane for Pactamycin, a Potent Antitumor Antibiotic. Synlett, 2005, 2005, 433-436.	1.8	16
94	Stereocontrolled syntheses of $\hat{\pm}$ -C-mannosyltryptophan and its analogues. Organic and Biomolecular Chemistry, 2005, 3, 687-700.	2.8	66
95	Novel Synthesis of Bromoindolenine with Spiro- $\hat{2}$ -lactam in Chartelline. Synlett, 2004, 2004, 2025-2027.	1.8	35
96	An Efficient Total Synthesis of Optically Active Tetrodotoxin. Angewandte Chemie - International Edition, 2004, 43, 4782-4785.	13.8	97
97	Stereocontrolled Synthesis of 8,11-Dideoxytetrodotoxin, An Unnatural Analogue of Puffer Fish Toxin. Chemistry - A European Journal, 2004, 10, 452-462.	3.3	37
98	$\hat{\pm}$ -C-Mannosyltryptophan is not recognized by conventional mannose-binding lectins. Bioorganic and Medicinal Chemistry, 2004, 12, 2343-2348.	3.0	10
99	A novel stereoselective carbon-chain extension reaction at the C-6 position of 1,6-anhydropyranose. Tetrahedron Letters, 2004, 45, 175-178.	1.4	6
100	A novel deprotection of trichloroacetamide. Tetrahedron Letters, 2004, 45, 9405-9407.	1.4	36
101	Synthesis of Model Compound Containing an Indole Spiro- $\hat{2}$ -lactam Moiety with Vinylchloride in Chartellines. Chemistry Letters, 2004, 33, 440-441.	1.3	54
102	Biological activity of 8,11-dideoxytetrodotoxin: lethality to mice and the inhibitory activity to cytotoxicity of ouabain and veratridine in mouse neuroblastoma cells, Neuro-2a. Toxicon, 2003, 42, 557-560.	1.6	34
103	First Asymmetric Total Synthesis of Tetrodotoxin. Journal of the American Chemical Society, 2003, 125, 8798-8805.	13.7	180
104	Stereocontrolled Synthesis of 8,11-Dideoxytetrodotoxin, Unnatural Analogue of Puffer Fish Toxin. Organic Letters, 2002, 4, 2679-2682.	4.6	38
105	Asymmetric Total Synthesis of 11-Deoxytetrodotoxin, a Naturally Occurring Congener. Journal of the American Chemical Society, 2002, 124, 7847-7852.	13.7	54
106	Synthesis of Novel $\hat{\pm}$ -C-Glycosylamino Acids and Reverse Regioselectivity in Larock's Heteroannulation for the Synthesis of the Indole Nucleus. Bioscience, Biotechnology and Biochemistry, 2002, 66, 2273-2278.	1.3	29
107	Stereocontrolled synthesis of ($\hat{\sim}$)-5,11-dideoxytetrodotoxin. Tetrahedron, 2001, 57, 4543-4558.	1.9	46
108	Synthesis of a common key intermediate for ($\hat{\sim}$)-tetrodotoxin and its analogs. Tetrahedron, 2001, 57, 3875-3883.	1.9	54

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109	Total Synthesis of $\hat{\pm}$ -C-Mannosyltryptophan, a Naturally Occurring C-Glycosyl Amino Acid. <i>Synlett</i> , 2001, 2001, 0945-0947.	1.8	50
110	Synthesis of a $\hat{\pm}$ -C-Mannosyltryptophan Derivative, Naturally Occurring C-Glycosyl Amino Acid Found in Human Ribonuclease. <i>Synlett</i> , 1999, 1999, 123-125.	1.8	48
111	Palladium-catalyzed Substitution Reaction of Allylic Derivatives with Tinacetylene. <i>Bioscience, Biotechnology and Biochemistry</i> , 1999, 63, 238-242.	1.3	4
112	Hydrosilylation of acetylenes with catalytic biscobalthexacarbonyl complex and its application to heteroconjugate addition methodology. <i>Tetrahedron Letters</i> , 1999, 40, 6927-6932.	1.4	59
113	New synthetic route of guanidine from trichloroacetamide for tetrodotoxin and its related compounds. <i>Tetrahedron</i> , 1999, 55, 4325-4340.	1.9	31
114	Stereocontrolled Synthesis of ($\hat{\sim}$)-5,11-Dideoxytetrodotoxin. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3081-3084.	13.8	52
115	Electronic Factors in the C-Glycosidation with Silylacetylene. <i>Chemistry Letters</i> , 1999, 28, 467-468.	1.3	15
116	Stereoelectronic and steric control in chiral cyclohexane synthesis toward ($\hat{\sim}$)-tetrodotoxin. <i>Tetrahedron</i> , 1998, 54, 6639-6650.	1.9	31
117	Improved Conditions for Facile Overman Rearrangement ¹ . <i>Journal of Organic Chemistry</i> , 1998, 63, 188-192.	3.2	138
118	Stereocontrolled synthesis and reactivity of sugar acetylenes. <i>Chemical Communications</i> , 1998, , 2665-2676.	4.1	93
119	Stereoelectronic and Steric Effects for Critical Oxidation to the Cyclohexane Derivatives for an Intermediate to (-)-Tetrodotoxin. <i>Synlett</i> , 1998, 1998, 371-372.	1.8	5
120	Novel Stereoselective Reaction of Levoglucosenone with Furfural. <i>Bioscience, Biotechnology and Biochemistry</i> , 1998, 62, 190-192.	1.3	8
121	Synthesis and Biological Evaluation of Novel Cyclic Eneidyne Compounds Related to Dynemicin A as Antitumor Agents.. <i>Chemical and Pharmaceutical Bulletin</i> , 1997, 45, 125-133.	1.3	12
122	Structure-activity relationships of cyclic enediynes related to dynemicin A ^I . Synthesis and antitumor activity of 9-acetoxy enediynes equipped with aryl carbamate moieties. <i>Bioorganic and Medicinal Chemistry</i> , 1997, 5, 883-901.	3.0	9
123	Synthesis and antitumor activity of water-soluble enediyne compounds related to dynemicin a. <i>Bioorganic and Medicinal Chemistry</i> , 1997, 5, 987-999.	3.0	12
124	Structure-activity relationships of cyclic enediynes related to dynemicin A ^{II} . Synthesis and antitumor activity of 9- and 12-substituted enediynes equipped with aryl carbamate moieties. <i>Bioorganic and Medicinal Chemistry</i> , 1997, 5, 903-919.	3.0	20
125	Synthesis of the Anthraquinone Part of Dynemicin A via Diels-Alder Reaction. <i>Chemistry Letters</i> , 1996, 25, 113-114.	1.3	4
126	Tin-assisted cyclization for chiral cyclohexane synthesis, an alternative route to ($\hat{\sim}$)-tetrodotoxin skeleton. <i>Tetrahedron Letters</i> , 1996, 37, 8199-8202.	1.4	22

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127	Synthesis and biological evaluation of both enantiomers of dynemicin a model compound. <i>Tetrahedron</i> , 1995, 51, 9339-9352.	1.9	28
128	Synthesis of Bicyclic Hydroxy Lactone Intermediates toward (-)-Tetrodotoxin. <i>Synlett</i> , 1995, 1995, 505-506.	1.8	25
129	Cesium Fluoride Promoted Cyclization in the Synthesis of Eneidyne Antibiotics ¹ . <i>Synlett</i> , 1994, 1994, 482-484.	1.8	17
130	Synthetic studies on antibiotic Dynemicin A. Synthesis of cyclic enedyne model compound of Dynemicin A. <i>Tetrahedron</i> , 1994, 50, 1449-1468.	1.9	48
131	Synthetic studies on dynemicin A. New quinoline synthesis for C, D and E rings.. <i>Tetrahedron</i> , 1994, 50, 5621-5632.	1.9	22
132	Synthesis of both enantiomers of dynemicin a model compound. New remote asymmetric induction in acetylide addition into quinoline nucleus as key step. <i>Tetrahedron Letters</i> , 1994, 35, 7997-8000.	1.4	14
133	Methodologies for synthesis of heterocyclic compounds. <i>Journal of Heterocyclic Chemistry</i> , 1992, 29, 619-625.	2.6	49
134	Synthesis of a Simple Model Compound of Dynemicin and Cycloaromatization with Pinacol-Pinacolone Rearrangement in the Strained Eneidyne Medium Ring. <i>Chemistry Letters</i> , 1991, 20, 1271-1274.	1.3	29
135	Synthetic Studies on the Bicyclo[7.3.1]tridecenediyne System in an Antitumor Antibiotic, Dynemicin A. <i>Synlett</i> , 1991, 1991, 393-395.	1.8	35
136	(Trimethylsilyl)- and (Tributylstannyl) acetylenes as Nucleophiles Toward Acyliminium Cations: A Plausible Key Reaction for Dynemicin, an Eneidyne Antitumor Antibiotic. <i>Synlett</i> , 1991, 1991, 99-101.	1.8	16
137	Synthetic studies on (âˆ“) -tetrodotoxin (3) nitrogenation through overman rearrangement and guanidine ring formation. <i>Tetrahedron Letters</i> , 1990, 31, 3327-3330.	1.4	44
138	Asymmetric synthesis via heteroconjugate addition: valinol template as oxazolidine heteroolefin vs acetylenic nucleophiles. <i>Tetrahedron Letters</i> , 1990, 31, 5499-5502.	1.4	23
139	Synthetic studies on tetrodotoxin (1) stereocontrolled synthesis of the cyclohexane moiety. <i>Tetrahedron Letters</i> , 1987, 28, 6485-6488.	1.4	37
140	Synthesis of Chiral Cyclohexanes from Levoglucosenone and Its Application to an Indole Alkaloid Reserpine. <i>Heterocycles</i> , 1987, 25, 521.	0.7	36