

Haruhiko Fuwa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/164405/publications.pdf>

Version: 2024-02-01

145
papers

4,677
citations

76294

40
h-index

128225

60
g-index

191
all docs

191
docs citations

191
times ranked

2855
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Suppression of Colon Cancer Metastasis by Aes through Inhibition of Notch Signaling. <i>Cancer Cell</i> , 2011, 19, 125-137. | 7.7 | 183 |
| 2 | C-terminal Fragment of Presenilin Is the Molecular Target of a Dipeptidic β -Secretase-specific Inhibitor DAPT (N-[N-(3,5-Difluorophenacetyl)-L-alanyl]-S-phenylglycine t-Butyl Ester). <i>Journal of Biological Chemistry</i> , 2006, 281, 14670-14676. | 1.6 | 174 |
| 3 | Total Synthesis of (β)-Gambierol. <i>Journal of the American Chemical Society</i> , 2002, 124, 14983-14992. | 6.6 | 169 |
| 4 | Total Synthesis, Structure Revision, and Absolute Configuration of (β)-Brevenal. <i>Journal of the American Chemical Society</i> , 2006, 128, 16989-16999. | 6.6 | 125 |
| 5 | A General Method for Convergent Synthesis of Polycyclic Ethers Based on Suzuki Cross-Coupling: A Concise Synthesis of the ABCD Ring System of Ciguatoxin. <i>Organic Letters</i> , 1999, 1, 1075-1077. | 2.4 | 105 |
| 6 | New strategy for convergent synthesis of trans-fused polyether frameworks based on palladium-catalyzed Suzuki cross-coupling reaction. <i>Tetrahedron Letters</i> , 1998, 39, 9027-9030. | 0.7 | 98 |
| 7 | Total Synthesis of (+)-Neopeltolide. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4737-4739. | 7.2 | 95 |
| 8 | Convergent strategies for the total synthesis of polycyclic ether marine metabolites. <i>Natural Product Reports</i> , 2008, 25, 401. | 5.2 | 92 |
| 9 | A Concise Total Synthesis of (+)-Neopeltolide. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3041-3044. | 7.2 | 90 |
| 10 | A general strategy for the convergent synthesis of fused polycyclic ethers via B-alkyl Suzuki coupling: synthesis of the ABCD ring fragment of ciguatoxins. <i>Tetrahedron</i> , 2002, 58, 1889-1911. | 1.0 | 87 |
| 11 | Divergent Synthesis of Multifunctional Molecular Probes To Elucidate the Enzyme Specificity of Dipeptidic β -Secretase Inhibitors. <i>ACS Chemical Biology</i> , 2007, 2, 408-418. | 1.6 | 87 |
| 12 | Stereoselective Synthesis of Substituted Tetrahydropyrans via Domino Olefin Cross-Metathesis/Intramolecular Oxa-Conjugate Cyclization. <i>Organic Letters</i> , 2010, 12, 1636-1639. | 2.4 | 87 |
| 13 | Total Synthesis of Polycyclic Ether Natural Products Based on Suzuki-Miyaura Cross-Coupling. <i>Synlett</i> , 2004, 2004, 1851-1874. | 1.0 | 84 |
| 14 | Synthetic studies on a marine polyether toxin, gambierol: stereoselective synthesis of the EFGH ring system via B-alkyl Suzuki coupling. <i>Tetrahedron</i> , 2001, 57, 3019-3033. | 1.0 | 79 |
| 15 | Total Synthesis and Biological Assessment of (β)-Exiguolide and Analogues. <i>Chemistry - A European Journal</i> , 2011, 17, 2678-2688. | 1.7 | 76 |
| 16 | Total Synthesis of Gambierol. <i>Organic Letters</i> , 2002, 4, 2981-2984. | 2.4 | 75 |
| 17 | A Unified Total Synthesis of Aspergillides A and B. <i>Organic Letters</i> , 2010, 12, 1848-1851. | 2.4 | 74 |
| 18 | Inhibition of Voltage-Gated Potassium Currents by Gambierol in Mouse Taste Cells. <i>Toxicological Sciences</i> , 2005, 85, 657-665. | 1.4 | 72 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Strategies for the Synthesis of 2-Substituted Indoles and Indolines Starting from Acyclic β -Phosphoryloxy Enecarbamates. <i>Organic Letters</i> , 2007, 9, 3347-3350. | 2.4 | 65 |
| 20 | Total Synthesis and Biological Evaluation of (+)-Neopeltolide and Its Analogues. <i>Chemistry - A European Journal</i> , 2009, 15, 12807-12818. | 1.7 | 64 |
| 21 | Diverted Total Synthesis and Biological Evaluation of Gambierol Analogues: Elucidation of Crucial Structural Elements for Potent Toxicity. <i>Chemistry - A European Journal</i> , 2004, 10, 4894-4909. | 1.7 | 63 |
| 22 | Stereoselective Synthesis of 2,6-Cis-Substituted Tetrahydropyrans: Brønsted Acid-Catalyzed Intramolecular Oxa-Conjugate Cyclization of β,β -Unsaturated Ester Surrogates. <i>Journal of Organic Chemistry</i> , 2012, 77, 2588-2607. | 1.7 | 63 |
| 23 | Design and Synthesis of Skeletal Analogues of Gambierol: Attenuation of Amyloid- β^2 and Tau Pathology with Voltage-Gated Potassium Channel and N-Methyl-D-aspartate Receptor Implications. <i>Journal of the American Chemical Society</i> , 2012, 134, 7467-7479. | 6.6 | 62 |
| 24 | Total Synthesis and Complete Stereostructure of Gambieric Acid A. <i>Journal of the American Chemical Society</i> , 2012, 134, 11984-11987. | 6.6 | 62 |
| 25 | Synthetic studies on a marine polyether toxin, gambierol: stereoselective synthesis of the FGH ring system via B-alkyl Suzuki coupling. <i>Tetrahedron Letters</i> , 2000, 41, 8371-8375. | 0.7 | 61 |
| 26 | Total Synthesis of the Proposed Structure of Brevenal. <i>Journal of the American Chemical Society</i> , 2006, 128, 9648-9650. | 6.6 | 60 |
| 27 | Total Synthesis of Tetrahydropyran-Containing Natural Products Exploiting Intramolecular Oxa-Conjugate Cyclization. <i>Heterocycles</i> , 2012, 85, 1255. | 0.4 | 60 |
| 28 | Total Synthesis of (β)-Exiguolide. <i>Organic Letters</i> , 2010, 12, 584-587. | 2.4 | 51 |
| 29 | Total Synthesis of (β)-Brevenal: A Concise Synthetic Entry to the Pentacyclic Polyether Core. <i>Organic Letters</i> , 2008, 10, 2275-2278. | 2.4 | 48 |
| 30 | Synthetic Studies toward Gambierol. Convergent Synthesis of the Octacyclic Polyether Core. <i>Organic Letters</i> , 2001, 3, 3549-3552. | 2.4 | 47 |
| 31 | Pathological effects on mice by gambierol, possibly one of the ciguatera toxins. <i>Toxicon</i> , 2003, 42, 733-740. | 0.8 | 47 |
| 32 | Highly efficient synthesis of medium-sized lactones via oxidative lactonization: concise total synthesis of isolaurepan. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 39-42. | 1.5 | 47 |
| 33 | Highly efficient synthesis of medium-sized lactams via intramolecular Staudinger-aza-Wittig reaction of 1%-azido pentafluorophenyl ester: synthesis and biological evaluation of LY411575 analogues. <i>Tetrahedron Letters</i> , 2004, 45, 2323-2326. | 0.7 | 46 |
| 34 | The Sodium Channel of Human Excitable Cells is a Target for Gambierol. <i>Cellular Physiology and Biochemistry</i> , 2006, 17, 257-268. | 1.1 | 45 |
| 35 | Convergent synthesis of the ABCDE ring fragment of ciguatoxins. <i>Tetrahedron Letters</i> , 2004, 45, 4795-4799. | 0.7 | 44 |
| 36 | An Efficient Strategy for the Synthesis of Endocyclic Enol Ethers and Its Application to the Synthesis of Spiroacetals. <i>Organic Letters</i> , 2008, 10, 2549-2552. | 2.4 | 44 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Synthesis of 2-Substituted Indoles and Indolines via Suzuki-Miyaura Coupling Cyclization Strategies. <i>Journal of Organic Chemistry</i> , 2009, 74, 212-221. | 1.7 | 44 |
| 38 | An enantioselective total synthesis of aspergillides A and B. <i>Tetrahedron</i> , 2010, 66, 7492-7503. | 1.0 | 44 |
| 39 | Contemporary Strategies for the Synthesis of Tetrahydropyran Derivatives: Application to Total Synthesis of Neopeltolide, a Marine Macrolide Natural Product. <i>Marine Drugs</i> , 2016, 14, 65. | 2.2 | 44 |
| 40 | Concise Synthesis and Biological Assessment of (+)-Neopeltolide and a 16-Member Stereoisomer Library of 8,9-Dehydroneopeltolide: Identification of Pharmacophoric Elements. <i>Chemistry - A European Journal</i> , 2013, 19, 8100-8110. | 1.7 | 43 |
| 41 | Convergent synthesis of an HJK ring model of ciguatoxin via Suzuki cross-coupling reaction. <i>Tetrahedron Letters</i> , 2000, 41, 1425-1428. | 0.7 | 42 |
| 42 | Effect of Ciguatoxin 3C on Voltage-Gated Na ⁺ and K ⁺ Currents in Mouse Taste Cells. <i>Chemical Senses</i> , 2006, 31, 673-680. | 1.1 | 42 |
| 43 | A strategy for the synthesis of 2,3-disubstituted indoles starting from N-(o-halophenyl)allenamides. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2214. | 1.5 | 42 |
| 44 | An efficient method for the synthesis of enol ethers and enecarbamates. Total syntheses of isoindolobenzazepine alkaloids, lennoxamine and chilenine. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 1849. | 1.5 | 38 |
| 45 | A new method for the generation of indole-2,3-quinodimethanes and 2-(N-alkoxycarbonylamino)-1,3-dienes. Intramolecular Heck/Diels-Alder cycloaddition cascade starting from acyclic β -phosphono enecarbamates. <i>Chemical Communications</i> , 2007, , 2876-2878. | 2.2 | 37 |
| 46 | Tandem catalysis in domino olefin cross-metathesis/intramolecular oxa-conjugate cyclization: concise synthesis of 2,6-cis-substituted tetrahydropyran derivatives. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8108. | 1.5 | 36 |
| 47 | Synthetic studies on antascomicin A: construction of the C18-C34 fragment. <i>Tetrahedron</i> , 2004, 60, 5341-5352. | 1.0 | 35 |
| 48 | A new strategy for the synthesis of substituted dihydropyrones and tetrahydropyrones via palladium-catalyzed coupling of thioesters. <i>Tetrahedron</i> , 2011, 67, 4995-5010. | 1.0 | 35 |
| 49 | Total Synthesis and Biological Evaluation of (+)-Gambieric Acid A and Its Analogues. <i>Chemistry - A European Journal</i> , 2013, 19, 5276-5288. | 1.7 | 35 |
| 50 | Synthesis and biological evaluation of gambierol analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 2519-2522. | 1.0 | 34 |
| 51 | Biosynthesis-Inspired Intramolecular Oxa-Conjugate Cyclization of β,β -Unsaturated Thioesters: Stereoselective Synthesis of 2,6-cis-Substituted Tetrahydropyrans. <i>Organic Letters</i> , 2011, 13, 1820-1823. | 2.4 | 34 |
| 52 | Total Synthesis and Structure Revision of Didemnaketala...B. <i>Chemistry - A European Journal</i> , 2014, 20, 1848-1860. | 1.7 | 33 |
| 53 | Synthesis of biotinylated photoaffinity probes based on arylsulfonamide β -secretase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 4184-4189. | 1.0 | 31 |
| 54 | A New Method for the Generation of Indole-2,3-quinodimethanes from Allenamides. <i>Chemistry Letters</i> , 2008, 37, 904-905. | 0.7 | 31 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | A Convergent Synthesis of the C1~C16 Segment of Goniodomin A via Palladium-Catalyzed Organostannane~Thioester Coupling. <i>Organic Letters</i> , 2011, 13, 1106-1109. | 2.4 | 31 |
| 56 | Total Synthesis of (â~)â€Enigmazoleâ€...A. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5143-5146. | 7.2 | 29 |
| 57 | 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. <i>Journal of Organic Chemistry</i> , 2009, 74, 4024-4040. | 1.7 | 28 |
| 58 | Total Synthesis, Stereochemical Reassignment, and Biological Evaluation of (â~)â€Lyngbyalosideâ€...B. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 868-873. | 7.2 | 28 |
| 59 | Stereocontrolled Synthesis of the A/B-Ring Fragment of Gambieric Acid B: Reassignment of the Absolute Configuration of the Polycyclic Ether Region. <i>Organic Letters</i> , 2008, 10, 2211-2214. | 2.4 | 27 |
| 60 | A Concise Total Synthesis of (Â±)-Centrolobine. <i>Heterocycles</i> , 2010, 82, 641. | 0.4 | 26 |
| 61 | Effect of Gambierol and Its Tetracyclic and Heptacyclic Analogues in Cultured Cerebellar Neurons: A Structure~Activity Relationships Study. <i>Chemical Research in Toxicology</i> , 2012, 25, 1929-1937. | 1.7 | 26 |
| 62 | Total Synthesis of Isoindolobenzazepine Alkaloids, Lennoxamine and Chilenine, Based on Palladium-Catalyzed Reduction of Alkenyl Phosphates. <i>Heterocycles</i> , 2008, 76, 521. | 0.4 | 25 |
| 63 | Total synthesis and biological evaluation of (â~)-exiguolide analogues: importance of the macrocyclic backbone. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3442. | 1.5 | 24 |
| 64 | Convergent Assembly of the Spiroacetal Subunit of Didemnaketal B. <i>Organic Letters</i> , 2010, 12, 5354-5357. | 2.4 | 23 |
| 65 | Palladium-Catalyzed Synthesis of N- and O-Heterocycles Starting from Enol Phosphates. <i>Synlett</i> , 2011, 2011, 6-29. | 1.0 | 23 |
| 66 | Synthesis and biological evaluation of (+)-neopeltolide analogues: Importance of the oxazole-containing side chain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2415-2419. | 1.0 | 23 |
| 67 | Studies toward the total synthesis of gambieric acids, potent antifungal polycyclic ethers: convergent synthesis of a fully elaborated GHJ-ring fragment. <i>Tetrahedron</i> , 2011, 67, 6600-6615. | 1.0 | 22 |
| 68 | Total Synthesis of 13-Demethyllyngbyaloside B. <i>Organic Letters</i> , 2013, 15, 1630-1633. | 2.4 | 22 |
| 69 | Toward the Total Synthesis of Goniodomin A, An Actin-Targeting Marine Polyether Macrolide: Convergent Synthesis of the C15~C36 Segment. <i>Organic Letters</i> , 2009, 11, 5274-5277. | 2.4 | 21 |
| 70 | Exploiting Ruthenium Carbene-Catalyzed Reactions in Total Synthesis of Marine Oxacyclic Natural Products. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 1403-1415. | 2.0 | 21 |
| 71 | Total Synthesis and Stereochemical Revision of Iriomoteolide~2a. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3801-3805. | 7.2 | 21 |
| 72 | Novel Î³-secretase inhibitors discovered by library screening of in-house synthetic natural product intermediates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 3813-3816. | 1.0 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Total Synthesis of Structurally Complex Marine Oxacyclic Natural Products. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 1401-1420. | 2.0 | 20 |
| 74 | The marine polyether gambierol enhances muscle contraction and blocks a transient K ⁺ current in skeletal muscle cells. <i>Toxicon</i> , 2010, 56, 785-791. | 0.8 | 19 |
| 75 | Total Synthesis of (±)-Brevinal: A Streamlined Strategy for Practical Synthesis of Polycyclic Ethers. <i>Chemistry - A European Journal</i> , 2011, 17, 13754-13761. | 1.7 | 19 |
| 76 | Ruthenium-Catalyzed Intramolecular Double Hydroalkoxylation of Internal Alkynes. <i>Organic Letters</i> , 2018, 20, 7851-7855. | 2.4 | 19 |
| 77 | Synthetic studies on 3-arylquinazolin-4-ones: intramolecular nucleophilic aromatic substitution reaction of 2-carboxamido-3-arylquinazolin-4-ones and its application to the synthesis of secondary aryl amines. <i>Tetrahedron</i> , 2005, 61, 4297-4312. | 1.0 | 18 |
| 78 | Stereoselective Tandem Synthesis of <i>syn</i> -1,3-Diol Derivatives by Integrating Olefin Cross-Metathesis, Hemiacetalization, and Intramolecular Oxa-Michael Addition. <i>Organic Letters</i> , 2019, 21, 3730-3734. | 2.4 | 18 |
| 79 | Stereoselective Synthesis of the AB-Ring Fragment of Gambieric Acid A. <i>Heterocycles</i> , 2007, 72, 139. | 0.4 | 18 |
| 80 | An Efficient Synthesis of 2,6-Disubstituted 2,3-Dihydro-4H-pyran-4-ones via Sonogashira Coupling of p-Toluenethiol Esters. <i>Synlett</i> , 2010, 2010, 1239-1242. | 1.0 | 17 |
| 81 | Studies toward the Total Synthesis of Gambieric Acids: Stereocontrolled Synthesis of a DEFG-Ring Model Compound. <i>Journal of Organic Chemistry</i> , 2010, 75, 5072-5082. | 1.7 | 17 |
| 82 | Studies toward the total synthesis of gambieric acids: convergent synthesis of the GHIJ-ring fragment having a side chain. <i>Tetrahedron Letters</i> , 2011, 52, 548-551. | 0.7 | 17 |
| 83 | Total Synthesis and Complete Stereostructure of a Marine Macrolide Glycoside, (±)-Lyngbyaloxide...B. <i>Chemistry - A European Journal</i> , 2016, 22, 6815-6829. | 1.7 | 17 |
| 84 | Progress toward the Total Synthesis of Goniiodomin A: Stereocontrolled, Convergent Synthesis of the C12-C36 Fragment. <i>Journal of Organic Chemistry</i> , 2016, 81, 2213-2227. | 1.7 | 17 |
| 85 | Synthesis of the JK/LM-ring model of prymnesins, potent hemolytic and ichthyotoxic polycyclic ethers isolated from the red tide alga <i>Prymnesium parvum</i> : confirmation of the relative configuration of the K/L-ring juncture. <i>Tetrahedron Letters</i> , 2006, 47, 5687-5691. | 0.7 | 16 |
| 86 | Concise and Short Synthesis of Functionalized 5,6-Dihydropyridin-2-ones by Means of Palladium(0)-Catalyzed Cross-Coupling of Ketene Amino Phosphates. <i>Heterocycles</i> , 2006, 70, 101. | 0.4 | 16 |
| 87 | Proteomic Analysis Reveals Multiple Patterns of Response in Cells Exposed to a Toxin Mixture. <i>Chemical Research in Toxicology</i> , 2009, 22, 1077-1085. | 1.7 | 16 |
| 88 | Total Synthesis of the Proposed Structure of Didemnaketal B. <i>Organic Letters</i> , 2013, 15, 3970-3973. | 2.4 | 16 |
| 89 | Stereocontrolled Synthesis of the DEFG-ring Skeleton of Gambieric Acids. <i>Chemistry Letters</i> , 2009, 38, 866-867. | 0.7 | 15 |
| 90 | Potassium currents inhibition by gambierol analogs prevents human T lymphocyte activation. <i>Archives of Toxicology</i> , 2015, 89, 1119-1134. | 1.9 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Tetracyclic Truncated Analogue of the Marine Toxin Gambierol Modifies NMDA, Tau, and Amyloid β Expression in Mice Brains: Implications in AD Pathology. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1358-1367. | 1.7 | 15 |
| 92 | Structure determination, correction, and disproof of marine macrolide natural products by chemical synthesis. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3990-4023. | 2.3 | 15 |
| 93 | Synthetic studies on goniodomin A: convergent assembly of the C15–C36 segment via palladium-catalyzed organostannane–thioester coupling. <i>Tetrahedron</i> , 2011, 67, 429-445. | 1.0 | 14 |
| 94 | Stereoselective Synthesis of Medium-Sized Cyclic Ethers: Application of <i>C</i> -Glycosylation Chemistry to Seven- to Nine-Membered Lactone-Derived Thioacetals and Their Sulfone Counterparts. <i>Journal of Organic Chemistry</i> , 2014, 79, 1656-1682. | 1.7 | 14 |
| 95 | Total Synthesis and Complete Structural Assignment of Gambieric Acid <i>A</i> , a Large Polycyclic Ether Marine Natural Product. <i>Chemical Record</i> , 2014, 14, 678-703. | 2.9 | 13 |
| 96 | A Synthetic Analogue of Neopeltolide, 8,9-Dehydroneopeltolide, Is a Potent Anti-Austerity Agent against Starved Tumor Cells. <i>Marine Drugs</i> , 2017, 15, 320. | 2.2 | 12 |
| 97 | Determination of the toxicity equivalency factors for ciguatoxins using human sodium channels. <i>Food and Chemical Toxicology</i> , 2022, 160, 112812. | 1.8 | 12 |
| 98 | Toward the Total Synthesis of Amphidinolide N: Synthesis of the C8–C29 Fragment. <i>Organic Letters</i> , 2016, 18, 2232-2235. | 2.4 | 11 |
| 99 | Total synthesis and complete configurational assignment of amphirionin-2. <i>Chemical Science</i> , 2021, 12, 872-879. | 3.7 | 11 |
| 100 | Stereoselective Synthesis of the Southern Hemisphere Acyclic Domain of Neaumycin B. <i>Journal of Organic Chemistry</i> , 2021, 86, 6787-6799. | 1.7 | 11 |
| 101 | Total Synthesis of (+)-Neopeltolide by the Macrocyclization/Transannular Pyran Cyclization Strategy. <i>Organic Letters</i> , 2022, 24, 4003-4008. | 2.4 | 11 |
| 102 | Comparative Cytotoxicity of Gambierol versus Other Marine Neurotoxins. <i>Chemical Research in Toxicology</i> , 2011, 24, 835-842. | 1.7 | 10 |
| 103 | Programmed Cell Death Induced by (–)-8,9-Dehydroneopeltolide in Human Promyelocytic Leukemia HL-60 Cells under Energy Stress Conditions. <i>Marine Drugs</i> , 2014, 12, 5576-5589. | 2.2 | 10 |
| 104 | Studies toward the Total Synthesis of Amphidinolide N: Stereocontrolled Synthesis of the C13–C29 Segment. <i>Heterocycles</i> , 2015, 90, 579. | 0.4 | 10 |
| 105 | Evaluation of gambierol and its analogs for their inhibition of human Kv1.2 and cytotoxicity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 514-518. | 1.0 | 10 |
| 106 | Concise synthesis of the C15–C38 fragment of okadaic acid, a specific inhibitor of protein phosphatases 1 and 2A. <i>Tetrahedron</i> , 2015, 71, 6369-6383. | 1.0 | 10 |
| 107 | Diastereoselective Ring-Closing Metathesis as a Means to Construct Medium-Sized Cyclic Ethers: Application to the Synthesis of a Photoactivatable Gambierol Derivative. <i>Journal of Organic Chemistry</i> , 2016, 81, 8234-8252. | 1.7 | 10 |
| 108 | Total Synthesis, Stereochemical Revision, and Biological Assessment of Iriomoteolide <i>2a</i> . <i>Chemistry - A European Journal</i> , 2019, 25, 8528-8542. | 1.7 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Unified Total Synthesis of (±)-Enigmazole A and (±)-15-O-Methylenigmazole A. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3494-3502. | 1.7 | 9 |
| 110 | Tandem Macrolactone Synthesis: Total Synthesis of (±)-Exiguolide by a Macrocyclization/Transannular Pyran Cyclization Strategy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 7.2 | 9 |
| 111 | Stereoselective Synthesis of the C14-C16 Fragment of Goniodymin A. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 948-956. | 2.0 | 8 |
| 112 | Synthesis and Biological Evaluation of Aspergillide A/Neopeltolide Chimeras. <i>Chemistry Letters</i> , 2013, 42, 1020-1022. | 0.7 | 8 |
| 113 | Concise Synthesis of the C15-C38 Fragment of Okadaic Acid: Application of the Suzuki-Miyaura Reaction to Spiroacetal Synthesis. <i>Organic Letters</i> , 2015, 17, 366-369. | 2.4 | 8 |
| 114 | Complete Stereochemical Assignment of Campechic Acids A and B. <i>Journal of Organic Chemistry</i> , 2016, 81, 3638-3647. | 1.7 | 8 |
| 115 | Total Synthesis of (±)-Enigmazole A. <i>Angewandte Chemie</i> , 2018, 130, 5237-5240. | 1.6 | 8 |
| 116 | Stereoselective Tandem Synthesis of Pyrrolidine Derivatives under Gold Catalysis: An Asymmetric Synthesis of (±)-Lepadiformine A. <i>Organic Letters</i> , 2022, 24, 6237-6241. | 2.4 | 8 |
| 117 | Calcium oscillations induced by gambierol in cerebellar granule cells. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 497-508. | 1.2 | 7 |
| 118 | Effect of carbon chain length in acyl coenzyme A on the efficiency of enzymatic transformation of okadaic acid to 7-O-acyl okadaic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2992-2996. | 1.0 | 7 |
| 119 | Fluorescence-labeled neopeltolide derivatives for subcellular localization imaging. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6771-6776. | 1.5 | 7 |
| 120 | Tandem Three-Component Synthesis of (±)-1,2- and (±)-1,3-Diol Derivatives. <i>Chemistry - an Asian Journal</i> , 2020, 15, 807-819. | 1.7 | 7 |
| 121 | Total Synthesis of Gambierol, a Marine Polycyclic Ether. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2003, 61, 742-751. | 0.0 | 7 |
| 122 | Ruthenium-Catalyzed Intramolecular Double Hydrofunctionalization of Alkynes. Synthesis of Spirocyclic Hemiaminal Ethers and Their Lewis Acid-Mediated Cleavage/Nucleophilic Addition. <i>Journal of Organic Chemistry</i> , 2021, 86, 6674-6697. | 1.7 | 6 |
| 123 | Recent advances in the synthesis of marine polycyclic ether natural products. <i>Current Opinion in Drug Discovery & Development</i> , 2007, 10, 784-806. | 1.9 | 6 |
| 124 | Cobalt-Catalyzed Hartung-Mukaiyama Cyclization of ¹³ C-Hydroxy Olefins: Stereocontrolled Synthesis of the Tetrahydrofuran Moiety of Amphidinolide N. <i>Journal of Organic Chemistry</i> , 2021, 86, 5584-5615. | 1.7 | 5 |
| 125 | Concise synthesis of the A/BCD-ring fragment of gambieric acid A. <i>Frontiers in Chemistry</i> , 2014, 2, 116. | 1.8 | 4 |
| 126 | Gambierol Potently Increases Evoked Quantal Transmitter Release and Reverses Pre- and Post-Synaptic Blockade at Vertebrate Neuromuscular Junctions. <i>Neuroscience</i> , 2020, 439, 106-116. | 1.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Recent Applications of the Suzuki-Miyaura Cross-coupling to Complex Polycyclic Ether Synthesis. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2011, 69, 1251-1262. | 0.0 | 3 |
| 128 | ($\hat{\sim}$)-Lyngbyalocide B, a Marine Macrolide Glycoside. Strategies and Tactics in Organic Synthesis, 2016, , 143-168. | 0.1 | 3 |
| 129 | Synthesis-Driven Stereochemical Assignment of Marine Polycyclic Ether Natural Products. Marine Drugs, 2021, 19, 257. | 2.2 | 3 |
| 130 | A CONCISE SYNTHESIS OF THE AB-RING FRAGMENT OF ($\hat{\sim}$)-GAMBIEROL. Heterocycles, 2012, 86, 127. | 0.4 | 2 |
| 131 | Total Synthesis and Stereochemical Revision of Iriomoteolide-2a. Angewandte Chemie, 2018, 130, 3863-3867. | 1.6 | 2 |
| 132 | Total Synthesis of a Marine Macrolide Natural Product, Iriomoteolide-2a: The Fundamental Role of Total Synthesis in Natural Product Chemistry. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2019, 77, 831-840. | 0.0 | 2 |
| 133 | Intramolecular Nucleophilic Aromatic Substitution Reaction of 2-Carboxamido-3-arylquinazolin-4-ones and its Application to the Synthesis of Secondary Aryl Amines. Synlett, 2004, 2004, 2497-2500. | 1.0 | 1 |
| 134 | Gambierol Blocks a K ⁺ Current Fraction without Affecting Catecholamine Release in Rat Fetal Adrenomedullary Cultured Chromaffin Cells. Toxins, 2022, 14, 254. | 1.5 | 1 |
| 135 | Total Synthesis of Gambierol, a Marine Polycyclic Ether. ChemInform, 2003, 34, no. | 0.1 | 0 |
| 136 | Highly Efficient Synthesis of Medium-Sized Lactams via Intramolecular Staudinger-aza-Wittig Reaction of $\hat{\sim}$ -Azido Pentafluorophenyl Ester: Synthesis and Biological Evaluation of LY411575 Analogues.. ChemInform, 2004, 35, no. | 0.1 | 0 |
| 137 | Total Synthesis of Polycyclic Ether Natural Products Based on Suzuki-Miyaura Cross-Coupling. ChemInform, 2004, 35, no. | 0.1 | 0 |
| 138 | Synthetic Studies on 3-Arylquinazolin-4-ones: Intramolecular Nucleophilic Aromatic Substitution Reaction of 2-Carboxamido-3-arylquinazolin-4-ones and Its Application to the Synthesis of Secondary Aryl Amines.. ChemInform, 2005, 36, no. | 0.1 | 0 |
| 139 | Synthetic Studies on 3-Arylquinazolin-4-ones: Intramolecular Nucleophilic Aromatic Substitution Reaction of 2-Carboxamido-3-arylquinazolin-4-ones and Its Application to the Synthesis of Secondary Aryl Amines.. ChemInform, 2005, 36, no. | 0.1 | 0 |
| 140 | Total Synthesis and Complete Stereostructure of a Marine Macrolide Glycoside, ($\hat{\sim}$)-Lyngbyalocide B. Chemistry - A European Journal, 2016, 22, 6701-6701. | 1.7 | 0 |
| 141 | Asymmetric Synthesis of ($\hat{\sim}$)-Atorvastatin Calcium by Tandem Catalysis. Bulletin of the Chemical Society of Japan, 2021, 94, 2028-2035. | 2.0 | 0 |
| 142 | Total Synthesis of ($\hat{\sim}$)-Enigmazole A. Topics in Heterocyclic Chemistry, 2020, , 361-386. | 0.2 | 0 |
| 143 | Tandem Macrolactone Synthesis: Total Synthesis of ($\hat{\sim}$)-Exiguolide by a Macrocyclization/Transannular Pyran Cyclization Strategy. Angewandte Chemie, 0, , . | 1.6 | 0 |
| 144 | Frontispiece: Tandem Macrolactone Synthesis: Total Synthesis of ($\hat{\sim}$)-Exiguolide by a Macrocyclization/Transannular Pyran Cyclization Strategy. Angewandte Chemie - International Edition, 2022, 61, . | 7.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Frontispiz: Tandem Macrolactone Synthesis: Total Synthesis of (âˆ™)â€œExiguolide by a Macrocyclization/Transannular Pyran Cyclization Strategy. <i>Angewandte Chemie</i> , 2022, 134, . | 1.6 | 0 |