

# Taiki Umezawa

## List of Publications by Year in descending order

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37  
papers

687  
citations

516710

16  
h-index

580821

25  
g-index

46  
all docs

46  
docs citations

46  
times ranked

717  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Synthesis of the GHIJKLMNO Ring System of Maitotoxin. <i>Journal of the American Chemical Society</i> , 2008, 130, 7466-7476.	13.7	73
2	Asymmetric Total Synthesis of Danicalipin A and Evaluation of Biological Activity. <i>Organic Letters</i> , 2011, 13, 904-907.	4.6	62
3	Omaezallene from Red Alga <i>Laurencia</i> sp.: Structure Elucidation, Total Synthesis, and Antifouling Activity. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3909-3912.	13.8	44
4	Total Synthesis of (â <sup>~</sup> )-5,6,11-Trideoxytetrodotoxin and Its 4-Epimer. <i>Organic Letters</i> , 2006, 8, 4971-4974.	4.6	36
5	Synthesis of the QRSTU Domain of Maitotoxin and Its 85- <i>epi</i> - and 86- <i>epi</i> -Diastereoisomers. <i>Journal of the American Chemical Society</i> , 2010, 132, 9900-9907.	13.7	35
6	Recent progress toward synthesis of chlorosulfolipids: total synthesis and methodology. <i>Tetrahedron Letters</i> , 2014, 55, 3003-3012.	1.4	35
7	Novel One-pot Three-component Coupling Reaction with Trimethylsilylmethyl-phosphonate, Acyl Fluoride, and Aldehyde through the Horner-Wadsworth-Emmons Reaction. <i>Organic Letters</i> , 2012, 14, 4206-4209.	4.6	34
8	Thrombin Inhibitors from the Freshwater Cyanobacterium <i>Anabaena compacta</i> . <i>Journal of Natural Products</i> , 2012, 75, 1546-1552.	3.0	34
9	Synthesis and Biological Activity of Kalkitoxin and its Analogues. <i>Journal of Organic Chemistry</i> , 2012, 77, 357-370.	3.2	29
10	Total Synthesis of 10-Isocyano-4-cadinene and Determination of Its Absolute Configuration. <i>Organic Letters</i> , 2010, 12, 904-907.	4.6	27
11	A new entry for the synthesis of N-acyl-N <sup>2</sup> -substituted guanidines. <i>Tetrahedron Letters</i> , 2006, 47, 1945-1947.	1.4	25
12	Serinolamides and Lyngbyabellins from an <i>Okeania</i> sp. Cyanobacterium Collected from the Red Sea. <i>Journal of Natural Products</i> , 2017, 80, 2708-2715.	3.0	25
13	Total Synthesis of 10-Isocyano-4-cadinene and Its Stereoisomers and Evaluations of Antifouling Activities. <i>Journal of Organic Chemistry</i> , 2011, 76, 6558-6573.	3.2	22
14	Columbamides D and E: Chlorinated Fatty Acid Amides from the Marine Cyanobacterium <i>Moorea bouillonii</i> Collected in Malaysia. <i>Organic Letters</i> , 2017, 19, 4231-4234.	4.6	22
15	Total synthesis and biological activity of dolastatin 16. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1140-1150.	2.8	20
16	Confirmation of the Configuration of 10-Isothiocyano-4-cadinene Diastereomers through Synthesis. <i>Journal of Natural Products</i> , 2012, 75, 2232-2235.	3.0	18
17	Antioxidants from the Brown Alga <i>Dictyopteria undulata</i> . <i>Molecules</i> , 2018, 23, 1214.	3.8	16
18	cDNA cloning and characterization of vanadium-dependent bromoperoxidases from the red alga <i>Laurencia nipponica</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 1310-1319.	1.3	15

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19	Total synthesis of (S)-kainic acid and (+)-allo-kainic acid through SmI <sub>2</sub> -mediated intramolecular coupling between allyl chloride and an $\alpha,\beta$ -unsaturated ester. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6557-6566.	2.8	14
20	Biosurfactants from Marine Cyanobacteria Collected in Sabah, Malaysia. <i>Journal of Natural Products</i> , 2020, 83, 1925-1930.	3.0	14
21	Synthesis of <sup>13</sup> C-Labeled 5,6,11-Trideoxytetrodotoxin. <i>Chemistry Letters</i> , 2010, 39, 1281-1282.	1.3	11
22	Synthetic study on dolastatin 16: concise and scalable synthesis of two unusual amino acid units. <i>Tetrahedron Letters</i> , 2015, 56, 168-171.	1.4	9
23	On the Stereoselectivity of Asymmetric Strecker Synthesis in a Cyclohexane System: Synthesis of Optically Active cis- and trans-1-Amino-2-hydroxycyclohexane-1-carboxylic Acids. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 768-774.	3.2	8
24	Mild and Catalytic Transesterification Reaction Using K <sub>2</sub> HPO <sub>4</sub> for the Synthesis of Methyl Esters. <i>Synlett</i> , 2010, 2010, 2141-2145.	1.8	8
25	Neighboring Effect of Intramolecular Chlorine Atoms on Epoxide Opening Reaction by Chloride Anions. <i>Organic Letters</i> , 2019, 21, 7731-7735.	4.6	6
26	A brown algal sex pheromone reverses the sign of phototaxis by cAMP/Ca <sup>2+</sup> -dependent signaling in the male gametes of <i>Mutimo cylindricus</i> (Cutleriaceae). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 192, 113-123.	3.8	6
27	Efficient synthesis of $\alpha,\beta$ -dichlorinated ketones from $\alpha,\beta$ -dichlorinated Weinreb amides through a simple work-up procedure. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7822-7826.	2.8	6
28	Design, Synthesis, and Antifouling Activity of Glucosamine-Based Isocyanides. <i>Marine Drugs</i> , 2017, 15, 203.	4.6	5
29	A Reliable Method to Create Adjacent Acid-Base Pair Sites on Silica through Hydrolysis of Pre-anchored Amide. <i>Chemistry Letters</i> , 2020, 49, 71-74.	1.3	4
30	Effective Synthesis and Antifouling Activity of Dolastatin 16 Derivatives. <i>Marine Drugs</i> , 2022, 20, 124.	4.6	4
31	Synthesis and Structure-Activity Relationship of Omaezallene Derivatives. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800451.	2.1	3
32	Assignment of Absolute Configuration of Bromoallenes by Vacuum-Ultraviolet Circular Dichroism (VUVCD). <i>Molecules</i> , 2021, 26, 1296.	3.8	3
33	Stereoselective Total Syntheses of Chlorosulfolipids. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2011, 69, 1122-1133.	0.1	3
34	Total Synthesis of Natural Antifouling Products. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2016, 74, 689-699.	0.1	2
35	Enantioselective Total Synthesis of Multifidene, a Sex Pheromone of Brown Algae. <i>Organics</i> , 2022, 3, 187-195.	1.3	2
36	A study on synthesis of antifouling natural products and their derivatives. <i>Sessile Organisms</i> , 2018, 35, 35-44.	0.2	0

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37	Total Synthesis of Omaezallene toward Structure Determination. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2018, 76, 426-429.	0.1	0