

Yuta Kudo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Comparative transcriptomics as a guide to natural product discovery and biosynthetic gene cluster functionality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11121-E11130.	7.1	94
3	Isolation and Structural Determination of the First 8-epi-type Tetrodotoxin Analogs from the Newt, <i>Cynops ensicauda popei</i> , and Comparison of Tetrodotoxin Analogs Profiles of This Newt and the Puffer Fish, <i>Fugu poecilonotus</i> . <i>Marine Drugs</i> , 2012, 10, 655-667.	4.6	56
4	Spiro Bicyclic Guanidino Compounds from Pufferfish: Possible Biosynthetic Intermediates of Tetrodotoxin in Marine Environments. <i>Chemistry - A European Journal</i> , 2018, 24, 7250-7258.	3.3	41
5	Cariogenic <i>Streptococcus mutans</i> Produces Tetramic Acid Strain-Specific Antibiotics That Impair Commensal Colonization. <i>ACS Infectious Diseases</i> , 2020, 6, 563-571.	3.8	40
6	Isolation of 6-Deoxytetrodotoxin from the Pufferfish, <i>Takifugu pardalis</i> , and a Comparison of the Effects of the C-6 and C-11 Hydroxy Groups of Tetrodotoxin on Its Activity. <i>Journal of Natural Products</i> , 2014, 77, 1000-1004.	3.0	39
7	Cyclic Guanidine Compounds from Toxic Newts Support the Hypothesis that Tetrodotoxin is Derived from a Monoterpene. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8728-8731.	13.8	38
8	Structural Elucidation of Trace Components Combining GC/MS, GC/IR, DFT Calculation and Synthesis of Salinilactones, Unprecedented Bicyclic Lactones from <i>Salinispora</i> Bacteria. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14921-14925.	13.8	28
9	Tetrodotoxin and Its Analogues in the Pufferfish <i>Arothron hispidus</i> and <i>A. nigropunctatus</i> from the Solomon Islands: A Comparison of Their Toxin Profiles with the Same Species from Okinawa, Japan. <i>Toxins</i> , 2015, 7, 3436-3454.	3.4	23
10	Confirmation of the absence of tetrodotoxin and its analogues in the juveniles of the Japanese fire-bellied newt, <i>Cynops pyrrhogaster</i> , captive-reared from eggs in the laboratory using HILIC-LC-MS. <i>Toxicon</i> , 2015, 101, 101-105.	1.6	22
11	Dietary administration of tetrodotoxin and its putative biosynthetic intermediates to the captive-reared non-toxic Japanese fire-bellied newt, <i>Cynops pyrrhogaster</i> . <i>Toxicon</i> , 2017, 137, 78-82.	1.6	21
12	Temporal Variation of the Profile and Concentrations of Paralytic Shellfish Toxins and Tetrodotoxin in the Scallop, <i>Patinopecten yessoensis</i> , Cultured in a Bay of East Japan. <i>Marine Drugs</i> , 2019, 17, 653.	4.6	21
13	Isolation and Biological Activity of 8-epi-tetrodotoxin and the Structure of a Possible Biosynthetic Shunt Product of Tetrodotoxin, Cep-226A, from the Newt <i>Cynops ensicauda popei</i> . <i>Journal of Natural Products</i> , 2019, 82, 1656-1663.	3.0	20
14	Total Syntheses and Determination of Absolute Configurations of Cep-212 and Cep-210, Predicted Biosynthetic Intermediates of Tetrodotoxin Isolated from Toxic Newt. <i>Organic Letters</i> , 2019, 21, 780-784.	4.6	20
15	Structures of N-Hydroxy-Type Tetrodotoxin Analogues and Bicyclic Guanidinium Compounds Found in Toxic Newts. <i>Journal of Natural Products</i> , 2020, 83, 2706-2717.	3.0	20
16	Identification of Tricyclic Guanidino Compounds from the Tetrodotoxin-Bearing Newt <i>Taricha granulosa</i> . <i>Organic Letters</i> , 2021, 23, 3513-3517.	4.6	12
17	Expansion of Gamma-Butyrolactone Signaling Molecule Biosynthesis to Phosphotriester Natural Products. <i>ACS Chemical Biology</i> , 2020, 15, 3253-3261.	3.4	8
18	Phylogenetic analysis of the salinipostin β -butyrolactone gene cluster uncovers new potential for bacterial signalling-molecule diversity. <i>Microbial Genomics</i> , 2021, 7, .	2.0	8

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19	A new sarasinose congener, sarasinose M2, from a marine sponge collected in the Solomon Islands. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 222-225.	1.3	5
20	First Identification of 12 ¹² -Deoxygonyautoxin 5 (12 ¹² -Gonyautoxinol 5) in the Cyanobacterium <i>Dolichospermum circinale</i> (TA04) and 12 ¹² -Deoxysaxitoxin (12 ¹² -Saxitoxinol) in <i>D. circinale</i> (TA04) and the Dinoflagellate <i>Alexandrium pacificum</i> (Group IV) (120518KureAC). <i>Marine Drugs</i> , 2022, 20, 166.	4.6	3
21	Strukturaufklärung von Spurenkomponenten durch Kombination von GC/MS, GC/IR, DFT-Simulationen und Synthese " Salinilactone, neuartige bicyclische Lactone aus <i>Salinispora</i> Bakterien. <i>Angewandte Chemie</i> , 2018, 130, 15137-15141.	2.0	2