Yuta Kudo

List of Publications by Year
in descending order

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21	659	516710 16	677142 22
papers	citations	h-index	g-index

25	25	25	658
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First Identification of 12Î²-Deoxygonyautoxin 5 (12Î±-Gonyautoxinol 5) in the Cyanobacterium Dolichospermum circinale (TA04) and 12Î²-Deoxysaxitoxin (12Î±-Saxitoxinol) in D. circinale (TA04) and the Dinoflagellate Alexandrium pacificum (Group IV) (120518KureAC). Marine Drugs, 2022, 20, 166.	4.6	3
2	Identification of Tricyclic Guanidino Compounds from the Tetrodotoxin-Bearing Newt Taricha granulosa. Organic Letters, 2021, 23, 3513-3517.	4.6	12
3	Phylogenetic analysis of the salinipostin Î³-butyrolactone gene cluster uncovers new potential for bacterial signalling-molecule diversity. Microbial Genomics, 2021, 7, .	2.0	8
4	Cariogenic Streptococcus mutans Produces Tetramic Acid Strain-Specific Antibiotics That Impair Commensal Colonization. ACS Infectious Diseases, 2020, 6, 563-571.	3.8	40
5	Expansion of Gamma-Butyrolactone Signaling Molecule Biosynthesis to Phosphotriester Natural Products. ACS Chemical Biology, 2020, 15, 3253-3261.	3.4	8
6	Structures of N-Hydroxy-Type Tetrodotoxin Analogues and Bicyclic Guanidinium Compounds Found in Toxic Newts. Journal of Natural Products, 2020, 83, 2706-2717.	3.0	20
7	Isolation and Biological Activity of 8-Epitetrodotoxin and the Structure of a Possible Biosynthetic Shunt Product of Tetrodotoxin, Cep-226A, from the Newt Cynops ensicauda popei. Journal of Natural Products, 2019, 82, 1656-1663.	3.0	20
8	Temporal Variation of the Profile and Concentrations of Paralytic Shellfish Toxins and Tetrodotoxin in the Scallop, Patinopecten yessoensis, Cultured in a Bay of East Japan. Marine Drugs, 2019, 17, 653.	4.6	21
9	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
10	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
11	StrukturaufklÃrung von Spurenkomponenten durch Kombination von GC/MS, GC/IR, DFTâ€Simulationen und Synthese â€“ Salinilactone, neuartige bicyclische Lactone aus Salinispora Bakterien. Angewandte Chemie, 2018, 130, 15137-15141.	2.0	2
12	Structural Elucidation of Trace Components Combining GC/MS, GC/IR, DFTâ€Calculation and Synthesisâ€"Salinilactones, Unprecedented Bicyclic Lactones from Salinispora Bacteria. Angewandte Chemie - International Edition, 2018, 57, 14921-14925.	13.8	28
13	A new sarasinoside congener, sarasinoside M2, from a marine sponge collected in the Solomon Islands. Bioscience, Biotechnology and Biochemistry, 2017, 81, 222-225.	1.3	5
14	Dietary administration of tetrodotoxin and its putative biosynthetic intermediates to the captive-reared non-toxic Japanese fire-bellied newt, Cynops pyrrhogaster. Toxicon, 2017, 137, 78-82.	1.6	21
15	Comparative transcriptomics as a guide to natural product discovery and biosynthetic gene cluster functionality. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11121-E11130.	7.1	94
16	Cyclic Guanidine Compounds from Toxic Newts Support the Hypothesis that Tetrodotoxin is Derived from a Monoterpene. Angewandte Chemie - International Edition, 2016, 55, 8728-8731.	13.8	38
17	Tetrodotoxin and Its Analogues in the Pufferfish Arothron hispidus and A. nigropunctatus from the Solomon Islands: A Comparison of Their Toxin Profiles with the Same Species from Okinawa, Japan. Toxins, 2015, 7, 3436-3454.	3.4	23
18	Confirmation of the absence of tetrodotoxin and its analogues in the juveniles of the Japanese fire-bellied newt, Cynops pyrrhogaster, captive-reared from eggs in the laboratory using HILIC-LC-MS. Toxicon, 2015, 101, 101-105.	1.6	22

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19	Isolation of 6-Deoxytetrodotoxin from the Pufferfish, Takifugu pardalis, and a Comparison of the Effects of the C-6 and C-11 Hydroxy Groups of Tetrodotoxin on Its Activity. Journal of Natural Products, 2014, 77, 1000-1004.	3.0	39
20	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. Marine Drugs, 2013, 11, 2799-2813.	4.6	99
21	Isolation and Structural Determination of the First 8-epi-type Tetrodotoxin Analogs from the Newt, Cynops ensicauda popei, and Comparison of Tetrodotoxin Analogs Profiles of This Newt and the Puffer Fish, Fugu poecilonotus. Marine Drugs, 2012, 10, 655-667.	4.6	56