

Tomohiro Takatani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	TTX accumulation in pufferfish. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2006, 1, 145-152.	1.0	95
2	Occurrence of saxitoxins as a major toxin in the ovary of a marine puffer <i>Arothron firmamentum</i> . <i>Toxicon</i> , 2004, 43, 207-212.	1.6	87
3	Larval pufferfish protected by maternal tetrodotoxin. <i>Toxicon</i> , 2014, 78, 35-40.	1.6	70
4	Toxification of cultured puffer fish <i>Takifugu rubripes</i> by feeding on tetrodotoxin-containing diet. <i>Nippon Suisan Gakkaishi</i> , 2005, 71, 815-820.	0.1	64
5	Maturation-associated changes in toxicity of the pufferfish <i>Takifugu poecilonotus</i> . <i>Toxicon</i> , 2010, 55, 289-297.	1.6	55
6	Toxicity of pufferfish <i>Takifugu rubripes</i> cultured in netcages at sea or aquaria on land. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2006, 1, 153-157.	1.0	54
7	Transfer profile of intramuscularly administered tetrodotoxin to non-toxic cultured specimens of the pufferfish <i>Takifugu rubripes</i> . <i>Toxicon</i> , 2009, 53, 99-103.	1.6	50
8	Occurrence of paralytic shellfish toxins in Cambodian Mekong pufferfish <i>Tetraodon turgidus</i> : Selective toxin accumulation in the skin. <i>Toxicon</i> , 2008, 51, 280-288.	1.6	38
9	Change in the transfer profile of orally administered tetrodotoxin to non-toxic cultured pufferfish <i>Takifugu rubripes</i> depending of its development stage. <i>Toxicon</i> , 2013, 65, 76-80.	1.6	32
10	Puffer smells tetrodotoxin. <i>Ichthyological Research</i> , 2013, 60, 386-389.	0.8	30
11	Role of maternal tetrodotoxin in survival of larval pufferfish. <i>Toxicon</i> , 2018, 148, 95-100.	1.6	30
12	Transfer profile of intramuscularly administered tetrodotoxin to artificial hybrid specimens of pufferfish, <i>Takifugu rubripes</i> and <i>Takifugu niphobes</i> . <i>Toxicon</i> , 2011, 58, 565-569.	1.6	29
13	The planocercid flatworm is a main supplier of toxin to tetrodotoxin-bearing fish juveniles. <i>Chemosphere</i> , 2020, 249, 126217.	8.2	28
14	Contrasting Toxin Selectivity between the Marine Pufferfish <i>Takifugu pardalis</i> and the Freshwater Pufferfish <i>Pao suvattii</i> . <i>Toxins</i> , 2019, 11, 470.	3.4	23
15	RT-PCR- and MALDI-TOF Mass Spectrometry-Based Identification and Discrimination of Isoforms Homologous to Pufferfish Saxitoxin- and Tetrodotoxin-Binding Protein in the Plasma of Non-Toxic Cultured Pufferfish (<i>Takifugu rubripes</i>). <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 208-212.	1.3	22
16	Transfer Profile of Orally and Intramuscularly Administered Tetrodotoxin to Artificial Hybrid Specimens of the Pufferfish <i>Takifugu rubripes</i> and <i>Takifugu porphyreus</i> . <i>Shokuhin Eiseigaku Zasshi Journal of the Food Hygienic Society of Japan</i> , 2012, 53, 33-38.	0.2	21
17	Profile differences in tetrodotoxin transfer to skin and liver in the pufferfish <i>Takifugu rubripes</i> . <i>Toxicon</i> , 2017, 130, 73-78.	1.6	19
18	Maturation-associated changes in internal distribution and intra-ovarian microdistribution of tetrodotoxin in the pufferfish <i>Takifugu pardalis</i> . <i>Fisheries Science</i> , 2018, 84, 723-732.	1.6	16

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19	The role of toxic planoceric flatworm larvae on tetrodotoxin accumulation in marine bivalves. <i>Aquatic Toxicology</i> , 2021, 237, 105908.	4.0	15
20	Co-Occurrence of Tetrodotoxin and Saxitoxins and Their Intra-Body Distribution in the Pufferfish <i>Canthigaster valentini</i> . <i>Toxins</i> , 2020, 12, 436.	3.4	13
21	Maturation-associated changes in the internal distribution of tetrodotoxin in the female goby <i>Yongeichthys criniger</i> . <i>Toxicon</i> , 2013, 63, 64-69.	1.6	12
22	Cytotoxic Glycosylated Fatty Acid Amides from a <i>Stelletta</i> sp. Marine Sponge. <i>Journal of Natural Products</i> , 2015, 78, 2808-2813.	3.0	10
23	Myrindole A, an Antimicrobial Bis-indole from a Marine Sponge <i>Myrmekioderma</i> sp.. <i>Organic Letters</i> , 2021, 23, 3477-3480.	4.6	10
24	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
25	Homophymamide A, Heterodetic Cyclic Tetrapeptide from a <i>Homophymia</i> sp. Marine Sponge: A Cautionary Note on Configurational Assignment of Peptides That Contain a Ureido Linkage. <i>Journal of Natural Products</i> , 2021, 84, 1848-1853.	3.0	9
26	Evaluation of the tetrodotoxin uptake ability of pufferfish <i>Takifugu rubripes</i> tissues according to age using an in vitro tissue slice incubation method. <i>Toxicon</i> , 2020, 174, 8-12.	1.6	8
27	Toxins of Pufferfish—Distribution, Accumulation—Mechanism, and Physiologic Functions. <i>Aqua-BioScience Monographs</i> , 2017, 10, 41-80.	1.1	7
28	Production of domoic acid by laboratory culture of the red alga <i>Chondria armata</i> . <i>Toxicon</i> , 2014, 92, 1-5.	1.6	6
29	Phylogeny and Toxin Profile of Freshwater Pufferfish (Genus <i>Pao</i>) Collected from 2 Different Regions in Cambodia. <i>Toxins</i> , 2020, 12, 689.	3.4	6
30	Geographic Variations in the Toxin Profile of the Xanthid Crab <i>Zosimus aeneus</i> in a Single Reef on Ishigaki Island, Okinawa, Japan. <i>Marine Drugs</i> , 2021, 19, 670.	4.6	5
31	Tetrodotoxin/Saxitoxins Selectivity of the Euryhaline Freshwater Pufferfish <i>Dichotomyctere fluviatilis</i> . <i>Toxins</i> , 2021, 13, 731.	3.4	3
32	Tetrodotoxin Retention in the Toxic Goby <i>Yongeichthys criniger</i> . <i>Journal of Marine Science and Engineering</i> , 2022, 10, 191.	2.6	1
33	Draft Genome Sequences of <i>Vibrio</i> sp. Strains Isolated from Tetrodotoxin-Bearing Scavenging Gastropod. <i>Genome Announcements</i> , 2014, 2, .	0.8	0
34	III-1. Transfer/accumulation profile of tetrodotoxin and expression of TTX-binding proteins in pufferfish. <i>Nippon Suisan Gakkaishi</i> , 2015, 81, 734-734.	0.1	0