Yasuo Mitani

List of Publications by Year
in descending order

32 papers	519 citations	840776 11 h-index	713466 21 g-index
34 all docs	34 docs citations	34 times ranked	662 citing authors

#	Article	IF	Citations
1	Molecular insights into luminescence system of the pelagic shrimp Lucensosergia lucens. Bioscience, Biotechnology and Biochemistry, 2022, , .	1.3	0
2	Host-Dependent Producibility of Recombinant Cypridina noctiluca Luciferase With Glycosylation Defects. Frontiers in Bioengineering and Biotechnology, 2022, 10, 774786.	4.1	2
3	Selection, drift, and constraint in cypridinid luciferases and the diversification of bioluminescent signals in sea fireflies. Molecular Ecology, 2021, 30, 1864-1879.	3.9	14
4	Violet bioluminescent Polycirrus sp. (Annelida: Terebelliformia) discovered in the shallow coastal waters of the Noto Peninsula in Japan. Scientific Reports, 2021, 11, 19097.	3.3	4
5	Luminescence of Cypridina Luciferin in the Presence of Human Plasma Alpha 1-Acid Glycoprotein. International Journal of Molecular Sciences, 2020, 21, 7516.	4.1	7
6	Luciferase gene of a Caribbean fireworm (Syllidae) from Puerto Rico. Scientific Reports, 2019, 9, 13015.	3.3	11
7	Genome Sequence of Rhodococcus erythropolis Type Strain JCM 3201. Microbiology Resource Announcements, 2019, 8, .	0.6	1
8	Effects of Nâ€Glycosylation Deletions on Cypridina Luciferase Activity. Photochemistry and Photobiology, 2018, 94, 338-342.	2.5	9
9	Novel gene encoding a unique luciferase from the fireworm Odontsyllis undecimdonta. Scientific Reports, 2018, 8, 12789.	3.3	16
10	Revisiting Coleoptera aâ€‰+â€‰T-rich region: structural conservation, phylogenetic and phylogeographic approaches in mitochondrial control region of bioluminescent Elateridae species (Coleoptera). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2017, 28, 671-680.	0.7	6
11	Efficient production of glycosylated Cypridina luciferase using plant cells. Protein Expression and Purification, 2017, 133, 102-109.	1.3	13
12	Tibetan Firefly Luciferase with Low Temperature Adaptation. Photochemistry and Photobiology, 2017, 93, 466-472.	2.5	7
13	Organization and comparative analysis of the mitochondrial genomes of bioluminescent Elateroidea (Coleoptera: Polyphaga). Gene, 2016, 586, 254-262.	2.2	37
14	<i>In Situ</i> Gene Expression Responsible for Sulfide Oxidation and CO₂ Fixation of an Uncultured Large Sausage-Shaped <i>Aquificae</i> Bacterium in a Sulfidic Hot Spring. Microbes and Environments, 2016, 31, 194-198.	1.6	7
15	pH-induced change in cell susceptibility to butanol in a high butanol-tolerant bacterium, Enterococcus faecalis strain CM4A. Biotechnology for Biofuels, 2015, 8, 69.	6.2	9
16	Novel integrons and gene cassettes from a Cascadian submarine gas-hydrate-bearing core. FEMS Microbiology Ecology, 2014, 87, 343-356.	2.7	13
17	An Oleaginous Bacterium That Intrinsically Accumulates Long-Chain Free Fatty Acids in its Cytoplasm. Applied and Environmental Microbiology, 2014, 80, 1126-1131.	3.1	17
18	Protein complex purification from Thermoplasma acidophilum using a phage display library. Journal of Microbiological Methods, 2014, 98, 15-22.	1.6	3

#	Article	IF	Citations
19	Cloning and Characterization of Luciferase from a Fijian Luminous Click Beetle. Photochemistry and Photobiology, 2013, 89, 1163-1169.	2.5	11
20	Isolation of Butanol- and Isobutanol-Tolerant Bacteria and Physiological Characterization of Their Butanol Tolerance. Applied and Environmental Microbiology, 2013, 79, 6998-7005.	3.1	59
21	Identification of a methanol-inducible promoter from Rhodococcus erythropolis PR4 and its use as an expression vector. Journal of Bioscience and Bioengineering, 2012, 113, 596-603.	2.2	7
22	Construction of random transposition mutagenesis system in Rhodococcus erythropolis using IS1415. Journal of Biotechnology, 2006, 121, 13-22.	3.8	27
23	Gene expression analysis using a modified HiCEP method applicable to prokaryotes: A study of the response of Rhodococcus to isoniazid and ethambutol. Journal of Biotechnology, 2006, 123, 259-272.	3.8	8
24	Participation of proteasome-associating complex PC500 in starfish oocyte maturation as revealed by monoclonal antibodies. Biochemical and Biophysical Research Communications, 2006, 349, 694-700.	2.1	1
25	Advances in the Development of Genetic Tools for the Genus Rhodococcus. Nihon Hosenkin Gakkai Shi = Actinomycetologica, 2006, 20, 55-61.	0.3	8
26	Both the functional specificity and autoregulative activity of two ascidian T-box genes HrBra and HrTbx6 are likely to be mediated by the DNA-binding domain. Development Growth and Differentiation, 2005, 47, 173-185.	1.5	6
27	Characterization of LtsA from Rhodococcus erythropolis , an Enzyme with Glutamine Amidotransferase Activity. Journal of Bacteriology, 2005, 187, 2582-2591.	2.2	39
28	Actinomycetes as host cells for production of recombinant proteins. Microbial Cell Factories, 2005, 4, 7.	4.0	48
29	T-box genes in the ascidianCiona intestinalis: Characterization of cDNAs and spatial expression. Developmental Dynamics, 2004, 230, 743-753.	1.8	59
30	Regulation of the muscle-specific expression and function of an ascidian T-box gene, As-T2. Development (Cambridge), 2001, 128, 3717-3728.	2.5	29
31	An ascidian T-box geneAs-T2 is related to theTbx6 subfamily and is associated with embryonic muscle cell differentiation. , 1999, 215, 62-68.		37
32	An ascidian Tâ€box gene AsT2 is related to the Tbx6 subfamily and is associated with embryonic muscle cell differentiation. Developmental Dynamics, 1999, 215, 62-68.	1.8	2