

# Yasuo Mitani

## List of Publications by Year in descending order

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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	T-box genes in the ascidian <i>Ciona intestinalis</i> : Characterization of cDNAs and spatial expression. <i>Developmental Dynamics</i> , 2004, 230, 743-753.	1.8	59
2	Isolation of Butanol- and Isobutanol-Tolerant Bacteria and Physiological Characterization of Their Butanol Tolerance. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6998-7005.	3.1	59
3	Actinomycetes as host cells for production of recombinant proteins. <i>Microbial Cell Factories</i> , 2005, 4, 7.	4.0	48
4	Characterization of LtsA from <i>Rhodococcus erythropolis</i> , an Enzyme with Glutamine Amidotransferase Activity. <i>Journal of Bacteriology</i> , 2005, 187, 2582-2591.	2.2	39
5	An ascidian T-box gene <i>As-T2</i> is related to the <i>Tbx6</i> subfamily and is associated with embryonic muscle cell differentiation. , 1999, 215, 62-68.		37
6	Organization and comparative analysis of the mitochondrial genomes of bioluminescent Elateroidea (Coleoptera: Polyphaga). <i>Gene</i> , 2016, 586, 254-262.	2.2	37
7	Regulation of the muscle-specific expression and function of an ascidian T-box gene, <i>As-T2</i> . <i>Development (Cambridge)</i> , 2001, 128, 3717-3728.	2.5	29
8	Construction of random transposition mutagenesis system in <i>Rhodococcus erythropolis</i> using IS1415. <i>Journal of Biotechnology</i> , 2006, 121, 13-22.	3.8	27
9	An Oleaginous Bacterium That Intrinsically Accumulates Long-Chain Free Fatty Acids in its Cytoplasm. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1126-1131.	3.1	17
10	Novel gene encoding a unique luciferase from the fireworm <i>Odontsyllis undecimdongata</i> . <i>Scientific Reports</i> , 2018, 8, 12789.	3.3	16
11	Selection, drift, and constraint in cypridinid luciferases and the diversification of bioluminescent signals in sea fireflies. <i>Molecular Ecology</i> , 2021, 30, 1864-1879.	3.9	14
12	Novel integrons and gene cassettes from a Cascadian submarine gas-hydrate-bearing core. <i>FEMS Microbiology Ecology</i> , 2014, 87, 343-356.	2.7	13
13	Efficient production of glycosylated <i>Cypridina</i> luciferase using plant cells. <i>Protein Expression and Purification</i> , 2017, 133, 102-109.	1.3	13
14	Cloning and Characterization of Luciferase from a Fijian Luminous Click Beetle. <i>Photochemistry and Photobiology</i> , 2013, 89, 1163-1169.	2.5	11
15	Luciferase gene of a Caribbean fireworm (Syllidae) from Puerto Rico. <i>Scientific Reports</i> , 2019, 9, 13015.	3.3	11
16	pH-induced change in cell susceptibility to butanol in a high butanol-tolerant bacterium, <i>Enterococcus faecalis</i> strain CM4A. <i>Biotechnology for Biofuels</i> , 2015, 8, 69.	6.2	9
17	Effects of N-Glycosylation Deletions on <i>Cypridina</i> Luciferase Activity. <i>Photochemistry and Photobiology</i> , 2018, 94, 338-342.	2.5	9
18	Gene expression analysis using a modified HiCEP method applicable to prokaryotes: A study of the response of <i>Rhodococcus</i> to isoniazid and ethambutol. <i>Journal of Biotechnology</i> , 2006, 123, 259-272.	3.8	8

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19	Advances in the Development of Genetic Tools for the Genus <i>Rhodococcus</i> . <i>Nihon Hosenkin Gakkai Shi = Actinomycetologica</i> , 2006, 20, 55-61.	0.3	8
20	Identification of a methanol-inducible promoter from <i>Rhodococcus erythropolis</i> PR4 and its use as an expression vector. <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 596-603.	2.2	7
21	&lt;i>In Situ&/i> Gene Expression Responsible for Sulfide Oxidation and CO&lt;sub>2&/sub> Fixation of an Uncultured Large Sausage-Shaped &lt;i>Aquificae&/i> Bacterium in a Sulfidic Hot Spring. <i>Microbes and Environments</i> , 2016, 31, 194-198.	1.6	7
22	Tibetan Firefly Luciferase with Low Temperature Adaptation. <i>Photochemistry and Photobiology</i> , 2017, 93, 466-472.	2.5	7
23	Luminescence of Cypridina Luciferin in the Presence of Human Plasma Alpha 1-Acid Glycoprotein. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7516.	4.1	7
24	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. <i>Development Growth and Differentiation</i> , 2005, 47, 173-185.	1.5	6
25	Revisiting Coleoptera aâ€™+â€™T-rich region: structural conservation, phylogenetic and phylogeographic approaches in mitochondrial control region of bioluminescent Elateridae species (Coleoptera). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 671-680.	0.7	6
26	Violet bioluminescent <i>Polycirrus</i> sp. (Annelida: Terebelliformia) discovered in the shallow coastal waters of the Noto Peninsula in Japan. <i>Scientific Reports</i> , 2021, 11, 19097.	3.3	4
27	Protein complex purification from <i>Thermoplasma acidophilum</i> using a phage display library. <i>Journal of Microbiological Methods</i> , 2014, 98, 15-22.	1.6	3
28	An ascidian Tâ€™box gene AsT2 is related to the Tbx6 subfamily and is associated with embryonic muscle cell differentiation. <i>Developmental Dynamics</i> , 1999, 215, 62-68.	1.8	2
29	Host-Dependent Producibility of Recombinant <i>Cypridina noctiluca</i> Luciferase With Glycosylation Defects. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 774786.	4.1	2
30	Participation of proteasome-associating complex PC500 in starfish oocyte maturation as revealed by monoclonal antibodies. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 694-700.	2.1	1
31	Genome Sequence of <i>Rhodococcus erythropolis</i> Type Strain JCM 3201. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	1
32	Molecular insights into luminescence system of the pelagic shrimp <i>Lucensosergia lucens</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2022, , .	1.3	0