

Tamao Saito

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Simple and Fast One-Pot Cellulose Gel Preparation in Aqueous Pyrrolidinium Hydroxide Solution—Cellulose Solvent and Antibacterial Agent. <i>Polymers</i> , 2021, 13, 1942.	4.5	3
2	Theoretical Molecular Dynamics Simulation of the DIF-1 Receptor Activation. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1436-1443.	3.2	1
3	4-Methyl-5-Pentylbenzene-1,3-Diol Regulates Chemotactic Cell Aggregation and Spore Maturation Via Different Mechanisms in <i>Dictyostelium discoideum</i> . <i>Current Microbiology</i> , 2019, 76, 376-381.	2.2	4
4	Small molecules and cell differentiation in <i>Dictyostelium discoideum</i> . <i>International Journal of Developmental Biology</i> , 2019, 63, 429-438.	0.6	6
5	Chemical compounds from <i>Dictyostelium discoideum</i> repel a plant-parasitic nematode and can protect roots. <i>PLoS ONE</i> , 2018, 13, e0204671.	2.5	1
6	D-Serine Metabolism and Its Importance in Development of <i>Dictyostelium discoideum</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 784.	3.5	6
7	Stalk cell differentiation without polyketides in the cellular slime mold. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1368-1374.	1.3	4
8	Synthesis and SAR of 4-methyl-5-pentylbenzene-1,3-diol (MPBD), produced by <i>Dictyostelium discoideum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1428-1433.	2.2	10
9	AtRBP1, which encodes an RNA-binding protein containing RNA-recognition motifs, regulates root growth in <i>Arabidopsis thaliana</i> . <i>Plant Physiology and Biochemistry</i> , 2015, 92, 62-70.	5.8	7
10	The Hybrid Type Polyketide Synthase SteelyA Is Required for cAMP Signalling in Early <i>Dictyostelium</i> Development. <i>PLoS ONE</i> , 2014, 9, e106634.	2.5	19
11	Overexpression of the TIR-X gene results in a dwarf phenotype and activation of defense-related gene expression in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Physiology</i> , 2014, 171, 382-388.	3.5	31
12	Steely Enzymes Are Involved in Prestalk and Prespore Pattern Formation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 2008-2012.	1.3	11
13	Comparative genomics of the social amoebae <i>Dictyostelium discoideum</i> and <i>Dictyostelium purpureum</i> . <i>Genome Biology</i> , 2011, 12, R20.	9.6	141
14	<i>Dictyostelium</i> hybrid polyketide synthase, SteelyA, produces 4-methyl-5-pentylbenzene-1,3-diol and induces spore maturation. <i>FEMS Microbiology Letters</i> , 2011, 319, 82-87.	1.8	22
15	Overexpression of the Activated Disease Resistance 1-like1 (ADR1-L1) Gene Results in a Dwarf Phenotype and Activation of Defense-Related Gene Expression in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Biology</i> , 2011, 54, 172-179.	2.1	9
16	Evolutionary Process of the Genomic Sequence Around the 100 Map Unit of Chromosome 1 in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Biology</i> , 2009, 52, 616-624.	2.1	3
17	DIF-1 induces the basal disc of the <i>Dictyostelium</i> fruiting body. <i>Developmental Biology</i> , 2008, 317, 444-453.	2.0	88
18	Biosynthesis of <i>Dictyostelium discoideum</i> differentiation-inducing factor by a hybrid type I fatty acid—type III polyketide synthase. <i>Nature Chemical Biology</i> , 2006, 2, 494-502.	8.0	110