

Kengo Shigetomi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The antibacterial properties of 6-tuliposide B. Synthesis of 6-tuliposide B analogues and structure-activity relationship. <i>Phytochemistry</i> , 2010, 71, 312-324.	2.9	35
2	Zincmethylpyrins and coproporphyrins, novel growth factors released by <i>Sphingopyxis</i> sp., enable laboratory cultivation of previously uncultured <i>Leucobacter</i> sp. through interspecies mutualism. <i>Journal of Antibiotics</i> , 2016, 69, 97-103.	2.0	19
3	Repurposing existing drugs: identification of irreversible IMPDH inhibitors by high-throughput screening. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 171-178.	5.2	17
4	Asymmetric Total Synthesis of 6-Tuliposide B and Its Biological Activities against Tulip Pathogenic Fungi. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 718-722.	1.3	16
5	(+)-Epogymnolactam, a novel autophagy inducer from mycelial culture of <i>Gymnopus</i> sp.. <i>Phytochemistry</i> , 2015, 114, 163-167.	2.9	13
6	Influences of polysaccharides in wood cell walls on lignification in vitro. <i>Cellulose</i> , 2021, 28, 9907-9917.	4.9	11
7	MurA as a Primary Target of Tulipalin B and 6-Tuliposide B. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 2517-2519.	1.3	10
8	Isolation, structure determination and structure-activity relationship of anti-toxoplasma triterpenoids from <i>Quercus crispula</i> Blume outer bark. <i>Journal of Wood Science</i> , 2019, 65, .	1.9	9
9	First total synthesis of (+)-epogymnolactam, a novel autophagy inducer. <i>Journal of Antibiotics</i> , 2015, 68, 721-724.	2.0	8
10	A branched structure provides kraft lignins a denser morphology and a high molar mass for a given hydrodynamic radius. <i>Holzforschung</i> , 2020, 74, 551-558.	1.9	8
11	Identification and characterization of guanosine 5'-monophosphate reductase of <i>Trypanosoma congolense</i> as a drug target. <i>Parasitology International</i> , 2017, 66, 537-544.	1.3	6
12	Preparation of kraft lignin-based activated carbon fiber electrodes for electric double layer capacitors using an ionic liquid electrolyte. <i>Holzforschung</i> , 2020, 74, 577-588.	1.9	6
13	Novel autophagy modulators: Design and synthesis of (+)-epogymnolactam analogues and structure-activity relationship. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5159-5168.	3.0	4
14	Direct deuteration of hinokitiol and its mechanistic study. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 215-222.	1.3	3
15	Artifactual lipid coatings on intervessel pit membranes in dried xylem tissues of some angiosperms. <i>IAWA Journal</i> , 2021, 42, 365-383.	1.0	3
16	Novel adenosine-derived inhibitors of <i>Cryptosporidium parvum</i> inosine 5'-monophosphate dehydrogenase. <i>Journal of Antibiotics</i> , 2019, 72, 934-942.	2.0	2
17	Inhibitory activities of tree bark extracts against AGEs formation and their correlation with phenolic components. <i>Wood Science and Technology</i> , 2018, 52, 873-886.	3.2	1
18	Characterization of a lignin-based gel responsive to aqueous binary solvents and pH. <i>Holzforschung</i> , 2021, 75, 765-772.	1.9	1