

Yusuke Higuchi

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

631
citations

567281

15
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713466

21
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22
all docs

22
docs citations

22
times ranked

690
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovering proteinâ€“protein interaction stabilisers by native mass spectrometry. <i>Chemical Science</i> , 2021, 12, 10724-10731.	7.4	14
2	p300 Serine 89: A Critical Signaling Integrator and Its Effects on Intestinal Homeostasis and Repair. <i>Cancers</i> , 2021, 13, 1288.	3.7	8
3	Differential Kat3 Usage Orchestrates the Integration of Cellular Metabolism with Differentiation. <i>Cancers</i> , 2021, 13, 5884.	3.7	4
4	Selectivity via Cooperativity: Preferential Stabilization of the p65/14-3-3 Interaction with Semisynthetic Natural Products. <i>Journal of the American Chemical Society</i> , 2020, 142, 11772-11783.	13.7	41
5	Polypharmacological Perturbation of the 14-3-3 Adaptor Protein Interactome Stimulates Neurite Outgrowth. <i>Cell Chemical Biology</i> , 2020, 27, 657-667.e6.	5.2	24
6	Native CRISPR-Cas-Mediated Genome Editing Enables Dissecting and Sensitizing Clinical Multidrug-Resistant <i>P. Aeruginosa</i> . <i>Cell Reports</i> , 2019, 29, 1707-1717.e3.	6.4	51
7	Cooperativity basis for small-molecule stabilization of proteinâ€“protein interactions. <i>Chemical Science</i> , 2019, 10, 2869-2874.	7.4	30
8	Semisynthesis and biological evaluation of a cotylenin A mimic derived from fusicoccin A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 646-650.	2.2	15
9	Structural Effects of Fusicoccin upon Upregulation of 14â€“3â€“3 Phospholigand Interaction and Cytotoxic Activity. <i>Chemistry - A European Journal</i> , 2018, 24, 16066-16071.	3.3	12
10	Total Biosynthesis of Brassicicenes: Identification of a Key Enzyme for Skeletal Diversification. <i>Organic Letters</i> , 2018, 20, 6178-6182.	4.6	21
11	Rationally Designed Semisynthetic Natural Product Analogues for Stabilization of 14â€“3â€“3 Proteinâ€“Protein Interactions. <i>Angewandte Chemie</i> , 2018, 130, 13658-13662.	2.0	5
12	Rationally Designed Semisynthetic Natural Product Analogues for Stabilization of 14â€“3â€“3 Proteinâ€“Protein Interactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13470-13474.	13.8	41
13	Small molecule p300/catenin antagonist enhances hematopoietic recovery after radiation. <i>PLoS ONE</i> , 2017, 12, e0177245.	2.5	5
14	Smallâ€“Molecule Stabilization of the 14â€“3â€“3/Gab2 Proteinâ€“Protein Interaction (PPI) Interface. <i>ChemMedChem</i> , 2016, 11, 911-918.	3.2	54
15	Combined treatment with cotylenin A and phenethyl isothiocyanate induces strong antitumor activity mainly through the induction of ferroptotic cell death in human pancreatic cancer cells. <i>Oncology Reports</i> , 2016, 36, 968-976.	2.6	73
16	Specific Direct Small Molecule p300/Î²-Catenin Antagonists Maintain Stem Cell Potency. <i>Current Molecular Pharmacology</i> , 2016, 9, 272-279.	1.5	27
17	A Semisynthetic Fusicoccane Stabilizes a Protein-Protein Interaction and Enhances the Expression of K ⁺ Channels at the Cell Surface. <i>Chemistry and Biology</i> , 2013, 20, 583-593.	6.0	86
18	Molecular Breeding of a Fungus Producing a Precursor Diterpene Suitable for Semi-Synthesis by Dissection of the Biosynthetic Machinery. <i>PLoS ONE</i> , 2012, 7, e42090.	2.5	18

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19	Dioxygenases, Key Enzymes to Determine the Aglycon Structures of Fusicoccin and Brassicene, Diterpene Compounds Produced by Fungi. <i>Journal of the American Chemical Society</i> , 2011, 133, 2548-2555.	13.7	36
20	Identification and functional analysis of brassicene C biosynthetic gene cluster in <i>Alternaria brassicicola</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 870-874.	2.2	43
21	Functional analyses of cytochrome P450 genes responsible for the early steps of brassicene C biosynthesis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5640-5643.	2.2	23