Yusuke Higuchi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9578049/publications.pdf

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21	631	567281 15	713466 21
papers	citations	h-index	g-index

22	22	22	690
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Semisynthetic Fusicoccane Stabilizes a Protein-Protein Interaction and Enhances the Expression of K+ Channels at the Cell Surface. Chemistry and Biology, 2013, 20, 583-593.	6.0	86
2	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. Oncology Reports, 2016, 36, 968-976.	2.6	73
3	Smallâ€Molecule Stabilization of the 14â€3â€3/Gab2 Proteinâ€"Protein Interaction (PPI) Interface. ChemMedChem, 2016, 11, 911-918.	3.2	54
4	Native CRISPR-Cas-Mediated Genome Editing Enables Dissecting and Sensitizing Clinical Multidrug-Resistant P.Âaeruginosa. Cell Reports, 2019, 29, 1707-1717.e3.	6.4	51
5	Identification and functional analysis of brassicicene C biosynthetic gene cluster in Alternaria brassicicola. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 870-874.	2.2	43
6	Rationally Designed Semisynthetic Natural Product Analogues for Stabilization of 14â€3â€3 Proteinâ€"Protein Interactions. Angewandte Chemie - International Edition, 2018, 57, 13470-13474.	13.8	41
7	Selectivity via Cooperativity: Preferential Stabilization of the p65/14-3-3 Interaction with Semisynthetic Natural Products. Journal of the American Chemical Society, 2020, 142, 11772-11783.	13.7	41
8	Dioxygenases, Key Enzymes to Determine the Aglycon Structures of Fusicoccin and Brassicicene, Diterpene Compounds Produced by Fungi. Journal of the American Chemical Society, 2011, 133, 2548-2555.	13.7	36
9	Cooperativity basis for small-molecule stabilization of proteinâ€"protein interactions. Chemical Science, 2019, 10, 2869-2874.	7.4	30
10	Specific Direct Small Molecule p300/Î²-Catenin Antagonists Maintain Stem Cell Potency. Current Molecular Pharmacology, 2016, 9, 272-279.	1.5	27
11	Polypharmacological Perturbation of the 14-3-3 Adaptor Protein Interactome Stimulates Neurite Outgrowth. Cell Chemical Biology, 2020, 27, 657-667.e6.	5.2	24
12	Functional analyses of cytochrome P450 genes responsible for the early steps of brassicicene C biosynthesis. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5640-5643.	2.2	23
13	Total Biosynthesis of Brassicicenes: Identification of a Key Enzyme for Skeletal Diversification. Organic Letters, 2018, 20, 6178-6182.	4.6	21
14	Molecular Breeding of a Fungus Producing a Precursor Diterpene Suitable for Semi-Synthesis by Dissection of the Biosynthetic Machinery. PLoS ONE, 2012, 7, e42090.	2.5	18
15	Semisynthesis and biological evaluation of a cotylenin A mimic derived from fusicoccin A. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 646-650.	2.2	15
16	Discovering proteinâ€"protein interaction stabilisers by native mass spectrometry. Chemical Science, 2021, 12, 10724-10731.	7.4	14
17	Structural Effects of Fusicoccin upon Upregulation of 14â€3â€3â€Phospholigand Interaction and Cytotoxic Activity. Chemistry - A European Journal, 2018, 24, 16066-16071.	3.3	12
18	p300 Serine 89: A Critical Signaling Integrator and Its Effects on Intestinal Homeostasis and Repair. Cancers, 2021, 13, 1288.	3.7	8

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19	Rationally Designed Semisynthetic Natural Product Analogues for Stabilization of 14â€3â€3 Proteinâ€“Protein Interactions. Angewandte Chemie, 2018, 130, 13658-13662.	2.0	5
20	Small molecule p300/catenin antagonist enhances hematopoietic recovery after radiation. PLoS ONE, 2017, 12, e0177245.	2.5	5
21	Differential Kat3 Usage Orchestrates the Integration of Cellular Metabolism with Differentiation. Cancers, 2021, 13, 5884.	3.7	4