

Masaya Imoto

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

509
citations

840776

11
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1250
citing authors

#	ARTICLE	IF	CITATIONS
1	The identification of an osteoclastogenesis inhibitor through the inhibition of glyoxalase I. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11691-11696.	7.1	125
2	Xanthohumol Impairs Autophagosome Maturation through Direct Inhibition of Valosin-Containing Protein. ACS Chemical Biology, 2012, 7, 892-900.	3.4	70
3	Xanthohumol suppresses oestrogen-signalling in breast cancer through the inhibition of BIC3-PHB2 interactions. Scientific Reports, 2014, 4, 7355.	3.3	68
4	Metabolomic Identification of the Target of the Filopodia Protrusion Inhibitor Glucopiericidin A. Chemistry and Biology, 2010, 17, 989-998.	6.0	39
5	Involvement of 14-3-3 Proteins in the Second Epidermal Growth Factor-induced Wave of Rac1 Activation in the Process of Cell Migration. Journal of Biological Chemistry, 2011, 286, 39259-39268.	3.4	36
6	5 α -Lipoxygenase and cysteinyl leukotriene receptor 1 regulate epidermal growth factor-induced cell migration through <i>Tiam1</i> upregulation and <i>Rac1</i> activation. Cancer Science, 2014, 105, 290-296.	3.9	31
7	Chemistry and Biology of Moverastins, Inhibitors of Cancer Cell Migration, Produced by <i>Aspergillus</i> . Chemistry and Biology, 2005, 12, 1337-1347.	6.0	26
8	Synthesis and anti-migrative evaluation of moverastin derivatives. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1385-1389.	2.2	24
9	A chemical genomics-aggrephagy integrated method studying functional analysis of autophagy inducers. Autophagy, 2021, 17, 1856-1872.	9.1	20
10	Mitochondrial uncoupler exerts a synthetic lethal effect against β -catenin mutant tumor cells. Cancer Science, 2017, 108, 772-784.	3.9	14
11	Protein kinase A inhibition facilitates the antitumor activity of xanthohumol, a valosin-containing protein inhibitor. Cancer Science, 2017, 108, 785-794.	3.9	13
12	BRUP1, an intracellular bilirubin modulator, exerts neuroprotective activity in a cellular Parkinson's disease model. Journal of Neurochemistry, 2020, 155, 81-97.	3.9	10
13	Evaluation of drug toxicity profiles based on the phenotypes of <i>Ascidian Ciona intestinalis</i> . Biochemical and Biophysical Research Communications, 2015, 463, 656-660.	2.1	6
14	Screening and target identification of bioactive compounds that modulate cell migration and autophagy. Bioorganic and Medicinal Chemistry, 2016, 24, 3283-3290.	3.0	6
15	Metacycloprodigiosin induced cell death selectively in β -catenin-mutated tumor cells. Journal of Antibiotics, 2017, 70, 109-112.	2.0	6
16	Involvement of miR-3180-3p and miR-4632-5p in palmitic acid-induced insulin resistance. Molecular and Cellular Endocrinology, 2021, 534, 111371.	3.2	6
17	SMK-17, a MEK1/2-specific inhibitor, selectively induces apoptosis in β -catenin-mutated tumors. Scientific Reports, 2015, 5, 8155.	3.3	5
18	Miclxin, a Novel MIC60 Inhibitor, Induces Apoptosis via Mitochondrial Stress in β -Catenin Mutant Tumor Cells. ACS Chemical Biology, 2020, 15, 2195-2204.	3.4	3

#	ARTICLE	IF	CITATIONS
19	Chemistry and biology for the small molecules targeting characteristics of cancer cells. Bioscience, Biotechnology and Biochemistry, 2019, 83, 10-19.	1.3	1