Sejeong Shin

List of Publications by Year
in descending order

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23 papers	2,307 citations	448610 19 h-index	721071 23 g-index
23 all docs	23 docs citations	23 times ranked	6593 citing authors

#	Article	IF	Citations
1	Dynamic Incorporation of Histone H3 Variants into Chromatin Is Essential for Acquisition of Aggressive Traits and Metastatic Colonization. Cancer Cell, 2019, 36, 402-417.e13.	7.7	69
2	ERK2 regulates epithelial-to-mesenchymal plasticity through DOCK10-dependent Rac1/FoxO1 activation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2967-2976.	3.3	61
3	RSK Regulates PFK-2 Activity to Promote Metabolic Rewiring in Melanoma. Cancer Research, 2018, 78, 2191-2204.	0.4	47
4	Focal Adhesion- and IGF1R-Dependent Survival and Migratory Pathways Mediate Tumor Resistance to mTORC1/2 Inhibition. Molecular Cell, 2017, 67, 512-527.e4.	4.5	40
5	mTORC1-Driven Tumor Cells Are Highly Sensitive to Therapeutic Targeting by Antagonists of Oxidative Stress. Cancer Research, 2016, 76, 4816-4827.	0.4	23
6	Contribution of a Low-Barrier Hydrogen Bond to Catalysis Is Not Significant in Ketosteroid Isomerase. Molecules and Cells, 2015, 38, 409-415.	1.0	4
7	ERK2 Mediates Metabolic Stress Response to Regulate Cell Fate. Molecular Cell, 2015, 59, 382-398.	4.5	84
8	Casein Kinase 1Ïµ Promotes Cell Proliferation by Regulating mRNA Translation. Cancer Research, 2014, 74, 201-211.	0.4	43
9	Regulation of endothelial cell morphogenesis by the protein kinase D (PKD)/glycogen synthase kinase 3 (GSK3)Î² pathway. American Journal of Physiology - Cell Physiology, 2012, 303, C743-C756.	2.1	14
10	Integrin Trafficking and Tumor Progression. International Journal of Cell Biology, 2012, 2012, 1-7.	1.0	135
11	Glycogen synthase kinase (GSK)-3 promotes p70 ribosomal protein S6 kinase (p70S6K) activity and cell proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E1204-13.	3.3	144
12	ERK2/Fra1/ZEB pathway induces epithelial-to-mesenchymal transition. Cell Cycle, 2010, 9, 2483-2484.	1.3	22
13	ERK2 but Not ERK1 Induces Epithelial-to-Mesenchymal Transformation via DEF Motif-Dependent Signaling Events. Molecular Cell, 2010, 38, 114-127.	4.5	263
14	A Novel Mechanism for Integrin-Mediated Ras Activation in Breast Carcinoma Cells: The Î±6Î²4 Integrin Regulates ErbB2 Translation and Transactivates Epidermal Growth Factor Receptor/ErbB2 Signaling. Cancer Research, 2006, 66, 2732-2739.	0.4	69
15	Arg-158 Is Critical in Both Binding the Substrate and Stabilizing the Transition-state Oxyanion for the Enzymatic Reaction of Malonamidase E2. Journal of Biological Chemistry, 2006, 281, 40057-40064.	1.6	5
16	Hypoxia Stimulates Carcinoma Invasion by Stabilizing Microtubules and Promoting the Rab11 Trafficking of the Î±6Î²4 Integrin. Cancer Research, 2005, 65, 2761-2769.	0.4	203
17	Characterization of a Novel Ser-cisSer-Lys Catalytic Triad in Comparison with the Classical Ser-His-Asp Triad. Journal of Biological Chemistry, 2003, 278, 24937-24943.	1.6	54
18	Polypyrimidine Tract-binding Proteins Are Cleaved by Caspase-3 during Apoptosis. Journal of Biological Chemistry, 2002, 277, 27200-27209.	1.6	35

#	Article	IF	Citations
19	Crystallization and preliminary X-ray crystallographic analysis of malonamidase E2, an amidase signature family member. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 562-563.	2.5	3
20	Structure of malonamidase E2 reveals a novel Ser-cisSer-Lys catalytic triad in a new serine hydrolase fold that is prevalent in nature. EMBO Journal, 2002, 21, 2509-2516.	3.5	105
21	An Anti-apoptotic Protein Human Survivin Is a Direct Inhibitor of Caspase-3 and -7â€. Biochemistry, 2001, 40, 1117-1123.	1.2	648
22	Enzyme Mechanism and Catalytic Property of Î² Propeller Phytase. Structure, 2001, 9, 851-858.	1.6	113
23	Crystal structures of a novel, thermostable phytase in partially and fully calcium-loaded states. Nature Structural Biology, 2000, 7, 147-153.	9.7	123