

# Sejeong Shin

## List of Publications by Year in descending order

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23  
papers

2,307  
citations

394390

19  
h-index

642715

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

6023  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Anti-apoptotic Protein Human Survivin Is a Direct Inhibitor of Caspase-3 and -7. <i>Biochemistry</i> , 2001, 40, 1117-1123.	2.5	648
2	ERK2 but Not ERK1 Induces Epithelial-to-Mesenchymal Transformation via DEF Motif-Dependent Signaling Events. <i>Molecular Cell</i> , 2010, 38, 114-127.	9.7	263
3	Hypoxia Stimulates Carcinoma Invasion by Stabilizing Microtubules and Promoting the Rab11 Trafficking of the $\alpha 6 \beta 4$ Integrin. <i>Cancer Research</i> , 2005, 65, 2761-2769.	0.9	203
4	Glycogen synthase kinase (GSK)-3 promotes p70 ribosomal protein S6 kinase (p70S6K) activity and cell proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E1204-13.	7.1	144
5	Integrin Trafficking and Tumor Progression. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-7.	2.5	135
6	Crystal structures of a novel, thermostable phytase in partially and fully calcium-loaded states. <i>Nature Structural Biology</i> , 2000, 7, 147-153.	9.7	123
7	Enzyme Mechanism and Catalytic Property of $\alpha 2$ Propeller Phytase. <i>Structure</i> , 2001, 9, 851-858.	3.3	113
8	Structure of malonamidase E2 reveals a novel Ser-cisSer-Lys catalytic triad in a new serine hydrolase fold that is prevalent in nature. <i>EMBO Journal</i> , 2002, 21, 2509-2516.	7.8	105
9	ERK2 Mediates Metabolic Stress Response to Regulate Cell Fate. <i>Molecular Cell</i> , 2015, 59, 382-398.	9.7	84
10	A Novel Mechanism for Integrin-Mediated Ras Activation in Breast Carcinoma Cells: The $\alpha 6 \beta 4$ Integrin Regulates ErbB2 Translation and Transactivates Epidermal Growth Factor Receptor/ErbB2 Signaling. <i>Cancer Research</i> , 2006, 66, 2732-2739.	0.9	69
11	Dynamic Incorporation of Histone H3 Variants into Chromatin Is Essential for Acquisition of Aggressive Traits and Metastatic Colonization. <i>Cancer Cell</i> , 2019, 36, 402-417.e13.	16.8	69
12	ERK2 regulates epithelial-to-mesenchymal plasticity through DOCK10-dependent Rac1/FoxO1 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2967-2976.	7.1	61
13	Characterization of a Novel Ser-cisSer-Lys Catalytic Triad in Comparison with the Classical Ser-His-Asp Triad. <i>Journal of Biological Chemistry</i> , 2003, 278, 24937-24943.	3.4	54
14	RSK Regulates PFK-2 Activity to Promote Metabolic Rewiring in Melanoma. <i>Cancer Research</i> , 2018, 78, 2191-2204.	0.9	47
15	Casein Kinase 1 $\mu$ Promotes Cell Proliferation by Regulating mRNA Translation. <i>Cancer Research</i> , 2014, 74, 201-211.	0.9	43
16	Focal Adhesion- and IGF1R-Dependent Survival and Migratory Pathways Mediate Tumor Resistance to mTORC1/2 Inhibition. <i>Molecular Cell</i> , 2017, 67, 512-527.e4.	9.7	40
17	Polypyrimidine Tract-binding Proteins Are Cleaved by Caspase-3 during Apoptosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 27200-27209.	3.4	35
18	mTORC1-Driven Tumor Cells Are Highly Sensitive to Therapeutic Targeting by Antagonists of Oxidative Stress. <i>Cancer Research</i> , 2016, 76, 4816-4827.	0.9	23

#	ARTICLE	IF	CITATIONS
19	ERK2/Fra1/ZEB pathway induces epithelial-to-mesenchymal transition. <i>Cell Cycle</i> , 2010, 9, 2483-2484.	2.6	22
20	Regulation of endothelial cell morphogenesis by the protein kinase D (PKD)/glycogen synthase kinase 3 (GSK3) $\beta$ pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C743-C756.	4.6	14
21	Arg-158 Is Critical in Both Binding the Substrate and Stabilizing the Transition-state Oxyanion for the Enzymatic Reaction of Malonamidase E2. <i>Journal of Biological Chemistry</i> , 2006, 281, 40057-40064.	3.4	5
22	Contribution of a Low-Barrier Hydrogen Bond to Catalysis Is Not Significant in Ketosteroid Isomerase. <i>Molecules and Cells</i> , 2015, 38, 409-415.	2.6	4
23	Crystallization and preliminary X-ray crystallographic analysis of malonamidase E2, an amidase signature family member. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 562-563.	2.5	3