

Jong In Yook

List of Publications by Year in descending order

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76
papers

4,525
citations

159525

30
h-index

102432

66
g-index

79
all docs

79
docs citations

79
times ranked

7586
citing authors

#	ARTICLE	IF	CITATIONS
1	A Wnt/ Axin/ GSK3 ^β cascade regulates Snail1 activity in breast cancer cells. <i>Nature Cell Biology</i> , 2006, 8, 1398-1406.	4.6	560
2	New class of microRNA targets containing simultaneous 5' UTR and 3' UTR interaction sites. <i>Genome Research</i> , 2009, 19, 1175-1183.	2.4	398
3	Wnt-dependent Regulation of the E-cadherin Repressor Snail. <i>Journal of Biological Chemistry</i> , 2005, 280, 11740-11748.	1.6	393
4	A p53/miRNA-34 axis regulates Snail1-dependent cancer cell epithelial-mesenchymal transition. <i>Journal of Cell Biology</i> , 2011, 195, 417-433.	2.3	390
5	p53 and MicroRNA-34 Are Suppressors of Canonical Wnt Signaling. <i>Science Signaling</i> , 2011, 4, ra71.	1.6	272
6	Snail1 is stabilized by O-GlcNAc modification in hyperglycaemic condition. <i>EMBO Journal</i> , 2010, 29, 3787-3796.	3.5	153
7	Snail reprograms glucose metabolism by repressing phosphofructokinase PFKP allowing cancer cell survival under metabolic stress. <i>Nature Communications</i> , 2017, 8, 14374.	5.8	144
8	Therapeutic implications of cancer epithelial-mesenchymal transition (EMT). <i>Archives of Pharmacal Research</i> , 2019, 42, 14-24.	2.7	133
9	Exosome-based delivery of super-repressor β -catenin relieves sepsis-associated organ damage and mortality. <i>Science Advances</i> , 2020, 6, eaaz6980.	4.7	132
10	The Pentose Phosphate Pathway as a Potential Target for Cancer Therapy. <i>Biomolecules and Therapeutics</i> , 2018, 26, 29-38.	1.1	121
11	MiRNA-34 intrinsically links p53 tumor suppressor and Wnt signaling. <i>Cell Cycle</i> , 2012, 11, 1273-1281.	1.3	104
12	p53 regulates nuclear GSK-3 levels through miR-34-mediated Axin2 suppression in colorectal cancer cells. <i>Cell Cycle</i> , 2013, 12, 1578-1587.	1.3	103
13	Reversible SUMOylation of TBL1-TBLR1 Regulates β -Catenin-Mediated Wnt Signaling. <i>Molecular Cell</i> , 2011, 43, 203-216.	4.5	97
14	Induction of apoptosis and caspase-3 activation by chemopreventive [6]-paradol and structurally related compounds in KB cells. <i>Cancer Letters</i> , 2002, 177, 41-47.	3.2	93
15	<i>Helicobacter pylori</i> CagA promotes Snail-mediated epithelial-mesenchymal transition by reducing GSK-3 activity. <i>Nature Communications</i> , 2014, 5, 4423.	5.8	88
16	Consecutive Targetable Smart Nanoprobe for Molecular Recognition of Cytoplasmic microRNA in Metastatic Breast Cancer. <i>ACS Nano</i> , 2012, 6, 8525-8535.	7.3	83
17	Characterization of newly established oral cancer cell lines derived from six squamous cell carcinoma and two mucoepidermoid carcinoma cells. <i>Experimental and Molecular Medicine</i> , 2005, 37, 379-390.	3.2	80
18	O-GlcNAc Protein Modification in Cancer Cells Increases in Response to Glucose Deprivation through Glycogen Degradation. <i>Journal of Biological Chemistry</i> , 2009, 284, 34777-34784.	1.6	68

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19	Targeting mutant <i>KRAS</i> with CRISPR-Cas9 controls tumor growth. <i>Genome Research</i> , 2018, 28, 374-382.	2.4	59
20	Dishevelled has a YAP nuclear export function in a tumor suppressor context-dependent manner. <i>Nature Communications</i> , 2018, 9, 2301.	5.8	55
21	Exosome-based delivery of super-repressor β -catenin ameliorates kidney ischemia-reperfusion injury. <i>Kidney International</i> , 2021, 100, 570-584.	2.6	50
22	Catabolic metabolism during cancer EMT. <i>Archives of Pharmacal Research</i> , 2015, 38, 313-320.	2.7	49
23	Anchored Proteinase-Targetable Optomagnetic Nanoprobes for Molecular Imaging of Invasive Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 945-948.	7.2	42
24	Evaluation of premalignant potential in oral lichen planus using interphase cytogenetics. <i>Journal of Oral Pathology and Medicine</i> , 2001, 30, 65-72.	1.4	40
25	Nuclear Localization Signals of the E-Cadherin Transcriptional Repressor Snail. <i>Cells Tissues Organs</i> , 2007, 185, 66-72.	1.3	38
26	Observation of acetyl phosphate formation in mammalian mitochondria using real-time in-organelle NMR metabolomics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4152-4157.	3.3	37
27	Protein Kinase Casein Kinase 2-Mediated Upregulation of N-Cadherin Confers Anoikis Resistance on Esophageal Carcinoma Cells. <i>Molecular Cancer Research</i> , 2012, 10, 1032-1038.	1.5	36
28	Inhibiting stemness and invasive properties of glioblastoma tumorsphere by combined treatment with temozolomide and a newly designed biguanide (HL156A). <i>Oncotarget</i> , 2016, 7, 65643-65659.	0.8	35
29	Loss of SLC25A11 causes suppression of NSCLC and melanoma tumor formation. <i>EBioMedicine</i> , 2019, 40, 184-197.	2.7	35
30	2-Hydroxycinnamaldehyde inhibits the epithelial-mesenchymal transition in breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2013, 137, 697-708.	1.1	32
31	p38 Stabilizes Snail by Suppressing DYRK2-Mediated Phosphorylation That Is Required for GSK3 β -Induced Snail Degradation. <i>Cancer Research</i> , 2019, 79, 4135-4148.	0.4	32
32	Hybrid odontogenic tumor of calcifying odontogenic cyst and ameloblastic fibroma. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2004, 98, 80-84.	1.6	29
33	Niclosamide is a potential therapeutic for familial adenomatous polyposis by disrupting Axin-GSK3 interaction. <i>Oncotarget</i> , 2017, 8, 31842-31855.	0.8	29
34	Real-Time Quantitative Monitoring of Specific Peptide Cleavage by a Proteinase for Cancer Diagnosis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5837-5841.	7.2	28
35	Glutathione peroxidase-1 regulates adhesion and metastasis of triple-negative breast cancer cells via FAK signaling. <i>Redox Biology</i> , 2020, 29, 101391.	3.9	28
36	Snail and Axin2 expression predict the malignant transformation of oral leukoplakia. <i>Oral Oncology</i> , 2017, 73, 48-55.	0.8	27

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37	Local Injection of Hyaluronic Acid Filler Improves Open Gingival Embrasure: Validation Through a Rat Model. <i>Journal of Periodontology</i> , 2017, 88, 1221-1230.	1.7	24
38	TGF- β 2 Pathway in Salivary Gland Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9138.	1.8	24
39	The transcription factor snail regulates osteogenic differentiation by repressing Runx2 expression. <i>Bone</i> , 2010, 46, 1498-1507.	1.4	23
40	Frequent oncogenic BRAF V600E mutation in odontogenic keratocyst. <i>Oral Oncology</i> , 2017, 74, 62-67.	0.8	23
41	Potential role of HIF-1-responsive microRNA210/HIF3 axis on gemcitabine resistance in cholangiocarcinoma cells. <i>PLoS ONE</i> , 2018, 13, e0199827.	1.1	22
42	Anti-helminthic niclosamide inhibits Ras-driven oncogenic transformation via activation of GSK-3. <i>Oncotarget</i> , 2017, 8, 31856-31863.	0.8	22
43	Snail augments fatty acid oxidation by suppression of mitochondrial ACC2 during cancer progression. <i>Life Science Alliance</i> , 2020, 3, e202000683.	1.3	22
44	Implication of Snail in Metabolic Stress-Induced Necrosis. <i>PLoS ONE</i> , 2011, 6, e18000.	1.1	20
45	Combined effects of niclosamide and temozolomide against human glioblastoma tumorspheres. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 2817-2828.	1.2	18
46	Downregulation of CHIP promotes ovarian cancer metastasis by inducing Snail-mediated epithelial-mesenchymal transition. <i>Molecular Oncology</i> , 2019, 13, 1280-1295.	2.1	17
47	Periosteal Osteosarcoma of the Mandible. <i>Journal of Oral and Maxillofacial Surgery</i> , 2005, 63, 699-703.	0.5	16
48	Dishevelled Wnt and Hippo. <i>BMB Reports</i> , 2018, 51, 425-426.	1.1	16
49	Molecular recognition of proteolytic activity in metastatic cancer cells using fluorogenic gold nanoprobe. <i>Biosensors and Bioelectronics</i> , 2014, 57, 171-178.	5.3	15
50	Micellized Protein Transduction Domain-Bone Morphogenetic Protein-7 Efficiently Blocks Renal Fibrosis Via Inhibition of Transforming Growth Factor-Beta-Mediated Epithelial-Mesenchymal Transition. <i>Frontiers in Pharmacology</i> , 2020, 11, 591275.	1.6	13
51	Metformin and Niclosamide Synergistically Suppress Wnt and YAP in APC-Mutated Colorectal Cancer. <i>Cancers</i> , 2021, 13, 3437.	1.7	13
52	The myoepithelial cell differentiation of mucoepidermoid carcinoma in a collagen gel-based coculture model. <i>Journal of Oral Pathology and Medicine</i> , 2004, 33, 237-242.	1.4	12
53	A platform technique for growth factor delivery with novel mode of action. <i>Biomaterials</i> , 2014, 35, 9888-9896.	5.7	12
54	Combined treatment with 2-hydroxycinnamaldehyde and temozolomide suppresses glioblastoma tumorspheres by decreasing stemness and invasiveness. <i>Journal of Neuro-Oncology</i> , 2019, 143, 69-77.	1.4	12

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55	Breast Cancer Subtypes Underlying EMT-Mediated Catabolic Metabolism. <i>Cells</i> , 2020, 9, 2064.	1.8	12
56	Natural products used as a chemical library for protein-protein interaction targeted drug discovery. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 79, 46-58.	1.3	10
57	CD99-PTPN12 Axis Suppresses Actin Cytoskeleton-Mediated Dimerization of Epidermal Growth Factor Receptor. <i>Cancers</i> , 2020, 12, 2895.	1.7	9
58	Quercetin and Quercitrin from <i>Agrimonia pilosa</i> Ledeb Inhibit the Migration and Invasion of Colon Cancer Cells through the JNK Signaling Pathway. <i>Pharmaceuticals</i> , 2022, 15, 364.	1.7	9
59	Exploring the chemical space of protein-protein interaction inhibitors through machine learning. <i>Scientific Reports</i> , 2021, 11, 13369.	1.6	8
60	Competing Endogenous RNA of Snail and Zeb1 UTR in Therapeutic Resistance of Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9589.	1.8	8
61	Intermittent parathyroid hormone treatment can promote linear growth in the ovariectomized growing rat. <i>Yonsei Medical Journal</i> , 1999, 40, 166.	0.9	7
62	Microsphere-Based Nanoindentation for the Monitoring of Cellular Cortical Stiffness Regulated by MT1-MMP. <i>Small</i> , 2018, 14, e1803000.	5.2	6
63	Newly designed Protein Transduction Domain (PTD)-mediated BMP7 is a potential therapeutic for peritoneal fibrosis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 13507-13522.	1.6	6
64	Transcriptional Expression in Human Periodontal Ligament Cells Subjected to Orthodontic Force: An RNA-Sequencing Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 358.	1.0	6
65	Prediction of African Swine Fever Virus Inhibitors by Molecular Docking-Driven Machine Learning Models. <i>Molecules</i> , 2021, 26, 3592.	1.7	6
66	Oxoglutarate Carrier Inhibition Reduced Melanoma Growth and Invasion by Reducing ATP Production. <i>Pharmaceuticals</i> , 2020, 12, 1128.	2.0	5
67	Organized hematoma of temporomandibular joint. <i>Imaging Science in Dentistry</i> , 2018, 48, 73.	0.6	2
68	Potential Therapeutic Role of Bone Morphogenic Protein 7 (BMP7) in the Pathogenesis of Graves' Orbitopathy. , 2022, 63, 7.		2
69	Epithelial-mesenchymal transition in osteogenic sarcoma of the neck following oral squamous cell carcinoma. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2010, 36, 172.	0.3	1
70	A Case of Familial Hypocalciuric Hypercalcemia Coexisting with Low Bone Mass. <i>Journal of Korean Endocrine Society</i> , 2006, 21, 583.	0.1	0
71	Innenrücktitelbild: Real-Time Quantitative Monitoring of Specific Peptide Cleavage by a Proteinase for Cancer Diagnosis (<i>Angew. Chem.</i> 24/2012). <i>Angewandte Chemie</i> , 2012, 124, 6119-6119.	1.6	0
72	Inside Back Cover: Real-Time Quantitative Monitoring of Specific Peptide Cleavage by a Proteinase for Cancer Diagnosis (<i>Angew. Chem. Int. Ed.</i> 24/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6015-6015.	7.2	0

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73	A rapidly growing gingival mass. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2013, 115, 2-8.	0.2	0
74	A p53/miRNA-34 axis regulates Snail1-dependent cancer cell epithelialâ€“mesenchymal transition. Journal of Experimental Medicine, 2011, 208, i32-i32.	4.2	0
75	A case of Ameloblastic Fibrosarcoma Transformed from Ameloblastic Fibro-odontoma. The Korean Journal of Oral and Maxillofacial Pathology, 2017, 41, 45-50.	0.0	0
76	A micellized bone morphogenetic protein-7 prodrug ameliorates liver fibrosis by suppressing transforming growth factor- signaling.. American Journal of Cancer Research, 2022, 12, 763-778.	1.4	0