

# Da-Woon Jung

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

1,760  
citations

279798

23  
h-index

289244

40  
g-index

65  
all docs

65  
docs citations

65  
times ranked

3026  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-estromal crosstalk in invasion of oral squamous cell carcinoma: a pivotal role of CCL7. <i>International Journal of Cancer</i> , 2010, 127, 332-344.	5.1	139
2	Facilitated Forward Chemical Genetics Using a Tagged Triazine Library and Zebrafish Embryo Screening. <i>Journal of the American Chemical Society</i> , 2003, 125, 11804-11805.	13.7	138
3	Cancer-Stimulated CAFs Enhance Monocyte Differentiation and Protumoral TAM Activation via IL6 and GM-CSF Secretion. <i>Clinical Cancer Research</i> , 2018, 24, 5407-5421.	7.0	116
4	A Unique Small Molecule Inhibitor of Enolase Clarifies Its Role in Fundamental Biological Processes. <i>ACS Chemical Biology</i> , 2013, 8, 1271-1282.	3.4	81
5	Visualizing Sweetness: Increasingly Diverse Applications for Fluorescent-Tagged Glucose Bioprobes and Their Recent Structural Modifications. <i>Sensors</i> , 2012, 12, 5005-5027.	3.8	75
6	Protein Tyrosine Phosphatase 1B (PTP1B) Inhibitors from <i>Morinda citrifolia</i> (Noni) and Their Insulin Mimetic Activity. <i>Journal of Natural Products</i> , 2013, 76, 2080-2087.	3.0	75
7	A novel zebrafish human tumor xenograft model validated for anti-cancer drug screening. <i>Molecular BioSystems</i> , 2012, 8, 1930.	2.9	71
8	Novel use of fluorescent glucose analogues to identify a new class of triazine-based insulin mimetics possessing useful secondary effects. <i>Molecular BioSystems</i> , 2011, 7, 346-358.	2.9	65
9	Reprogram or Reboot: Small Molecule Approaches for the Production of Induced Pluripotent Stem Cells and Direct Cell Reprogramming. <i>ACS Chemical Biology</i> , 2014, 9, 80-95.	3.4	64
10	CD44 alternative splicing and hnRNP A1 expression are associated with the metastasis of breast cancer. <i>Oncology Reports</i> , 2015, 34, 1231-1238.	2.6	60
11	Development of a Highly Visual, Simple, and Rapid Test for the Discovery of Novel Insulin Mimetics in Living Vertebrates. <i>ACS Chemical Biology</i> , 2013, 8, 1803-1814.	3.4	52
12	Identification of Compounds that Bind Mitochondrial F1FO ATPase by Screening a Triazine Library for Correction of Albinism. <i>Chemistry and Biology</i> , 2004, 11, 1251-1259.	6.0	49
13	Identification of the F1FO mitochondrial ATPase as a target for modulating skin pigmentation by screening a tagged triazine library in zebrafish. <i>Molecular BioSystems</i> , 2005, 1, 85.	2.9	47
14	ENOblock, a unique small molecule inhibitor of the non-glycolytic functions of enolase, alleviates the symptoms of type 2 diabetes. <i>Scientific Reports</i> , 2017, 7, 44186.	3.3	42
15	Potent Suppressive Effects of 1-Piperidinylimidazole Based Novel P2X7 Receptor Antagonists on Cancer Cell Migration and Invasion. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7410-7430.	6.4	34
16	Natural product derivative BIO promotes recovery after myocardial infarction via unique modulation of the cardiac microenvironment. <i>Scientific Reports</i> , 2016, 6, 30726.	3.3	34
17	Areca nut exposure increases secretion of tumor-promoting cytokines in gingival fibroblasts that trigger DNA damage in oral keratinocytes. <i>International Journal of Cancer</i> , 2015, 137, 2545-2557.	5.1	32
18	Chemical Targeting of GAPDH Moonlighting Function in Cancer Cells Reveals Its Role in Tubulin Regulation. <i>Chemistry and Biology</i> , 2014, 21, 1533-1545.	6.0	30

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19	Impact of molecular charge on GLUT-specific cellular uptake of glucose bioprobes and in vivo application of the glucose bioprobe, GB2-Cy3. <i>Chemical Communications</i> , 2014, 50, 9251-9254.	4.1	30
20	Novel Chemically Defined Approach To Produce Multipotent Cells from Terminally Differentiated Tissue Syncytia. <i>ACS Chemical Biology</i> , 2011, 6, 553-562.	3.4	27
21	Small Molecules That Recapitulate the Early Steps of Urodele Amphibian Limb Regeneration and Confer Multipotency. <i>ACS Chemical Biology</i> , 2012, 7, 732-743.	3.4	26
22	Fishing for Nature's Hits: Establishment of the Zebrafish as a Model for Screening Antidiabetic Natural Products. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-16.	1.2	26
23	Efficient Solid-Phase Synthesis of Trifunctional Probes and Their Application to the Detection of Carbohydrate-Binding Proteins. <i>Organic Letters</i> , 2005, 7, 5477-5480.	4.6	24
24	Antraquinones from <i>Morinda longissima</i> and their insulin mimetic activities via AMP-activated protein kinase (AMPK) activation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 40-44.	2.2	22
25	Effect of alervalent cation-doping on catalytic activity of neodymium sesquioxide for oxidative coupling of methane. <i>Applied Catalysis A: General</i> , 1997, 164, 159-169.	4.3	21
26	Cardiosulfa, a Small Molecule that Induces Abnormal Heart Development in Zebrafish, and Its Biological Implications. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7809-7812.	13.8	21
27	Chemical genetics and its application to moonlighting in glycolytic enzymes. <i>Biochemical Society Transactions</i> , 2014, 42, 1756-1761.	3.4	20
28	A Triazine Compound S06 Inhibits Proinvasive Crosstalk between Carcinoma Cells and Stromal Fibroblasts via Binding to Heat Shock Protein 90. <i>Chemistry and Biology</i> , 2011, 18, 1581-1590.	6.0	19
29	Reawakening Atlas: Chemical Approaches To Repair or Replace Dysfunctional Musculature. <i>ACS Chemical Biology</i> , 2012, 7, 1773-1790.	3.4	19
30	Cytotoxic caffeic acid derivatives from the rhizomes of <i>Cimicifuga heracleifolia</i> . <i>Archives of Pharmacal Research</i> , 2012, 35, 1559-1565.	6.3	19
31	Delineation of the Role of Glycosylation in the Cytotoxic Properties of Quercetin using Novel Assays in Living Vertebrates. <i>Journal of Natural Products</i> , 2014, 77, 2389-2396.	3.0	19
32	hnRNP L inhibits CD44 V10 exon splicing through interacting with its upstream intron. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 743-750.	1.9	19
33	Cytoskeletal alteration modulates cancer cell invasion through RhoA-YAP signaling in stromal fibroblasts. <i>PLoS ONE</i> , 2019, 14, e0214553.	2.5	19
34	SC35 promotes splicing of the C5-V6-C6 isoform of CD44 pre-mRNA. <i>Oncology Reports</i> , 2014, 31, 273-279.	2.6	17
35	Some leopards can change their spots: potential repositioning of stem cell reprogramming compounds as anti-cancer agents. <i>Cell Biology and Toxicology</i> , 2016, 32, 157-168.	5.3	16
36	Isolation of 4,5-Dicaffeoylquinic Acid as a Pigmentation Inhibitor Occurring in <i>Artemisia capillaris</i> Thunberg and Its Validation In Vivo. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-11.	1.2	14

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37	Isolation and Characterization of Isofraxidin 7-O-(6-O-Coumaroyl)- $\beta$ -D-glucopyranoside from <i>Artemisia capillaris</i> Thunberg: A Novel, Nontoxic Hyperpigmentation Agent That Is Effective In Vivo. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-12.	1.2	13
38	Morphogenesis and biological significance of spindle cell transformation in a spindle cell carcinoma. Cancer Letters, 2009, 275, 61-71.	7.2	12
39	Biotransformed Metabolites of the Hop Prenylflavanone Isoxanthohumol. Molecules, 2019, 24, 394.	3.8	12
40	SR proteins regulate V6exon splicing of CD44 pre-mRNA. BMB Reports, 2016, 49, 612-616.	2.4	11
41	Lithium Chloride Protects against Sepsis-Induced Skeletal Muscle Atrophy and Cancer Cachexia. Cells, 2021, 10, 1017.	4.1	11
42	Genome-Wide Transcriptomic Analysis of Non-Tumorigenic Tissues Reveals Aging-Related Prognostic Markers and Drug Targets in Renal Cell Carcinoma. Cancers, 2021, 13, 3045.	3.7	10
43	ENOblock inhibits the pathology of diet-induced obesity. Scientific Reports, 2019, 9, 493.	3.3	9
44	12,23-Dione dammarane triterpenes from <i>Gynostemma longipes</i> and their muscle cell proliferation activities via activation of the AMPK pathway. Scientific Reports, 2019, 9, 1186.	3.3	9
45	Effects of PTCs on nonsense-mediated mRNA decay are dependent on PTC location. Oncology Letters, 2017, 13, 1944-1948.	1.8	8
46	A novel indirubin derivative that increases somatic cell plasticity and inhibits tumorigenicity. Bioorganic and Medicinal Chemistry, 2019, 27, 2923-2934.	3.0	8
47	Making cardiomyocytes with your chemistry set: Small molecule-induced cardiogenesis in somatic cells. World Journal of Cardiology, 2015, 7, 125.	1.5	7
48	Screening ginseng saponins in progenitor cells identifies 20(R)-ginsenoside Rh2 as an enhancer of skeletal and cardiac muscle regeneration. Scientific Reports, 2020, 10, 4967.	3.3	7
49	SRSF9 Regulates Cassette Exon Splicing of Caspase-2 by Interacting with Its Downstream Exon. Cells, 2021, 10, 679.	4.1	7
50	Lessons from the swamp: developing small molecules that confer salamander muscle cellularization in mammals. Clinical and Translational Medicine, 2017, 6, 13.	4.0	6
51	Analyses of Avascular Mutants Reveal Unique Transcriptomic Signature of Non-conventional Endothelial Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 589717.	3.7	6
52	5-Nitro-5-hydroxy-Indirubin-3-oxime Is a Novel Inducer of Somatic Cell Transdifferentiation. Archiv Der Pharmazie, 2014, 347, 806-818.	4.1	5
53	The future is now: cutting edge science and understanding toxicology. Cell Biology and Toxicology, 2018, 34, 79-85.	5.3	5
54	CAF-Derived IL6 and GM-CSF Cooperate to Induce M2-like TAMs' Response. Clinical Cancer Research, 2019, 25, 894-895.	7.0	5

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55	Chemical characterization and biological activity data for a novel indirubin derivative, LDD-1819. Data in Brief, 2019, 25, 104373.	1.0	4
56	A Distinct Role for Interleukin-6 as a Major Mediator of Cellular Adjustment to an Altered Culture Condition. Journal of Cellular Biochemistry, 2015, 116, 2552-2562.	2.6	3
57	Development of a vestibular schwannoma xenograft zebrafish model for in vivo antitumor drug screening. Laryngoscope, 2016, 126, E409-E415.	2.0	3
58	Re-education begins at home: an overview of the discovery of in vivo-active small molecule modulators of endogenous stem cells. Expert Opinion on Drug Discovery, 2018, 13, 307-326.	5.0	3
59	Investigation of niclosamide as a repurposing agent for skeletal muscle atrophy. PLoS ONE, 2021, 16, e0252135.	2.5	3
60	Sugars that Glow in the Dark: Fluorescent Tagged Glucose Bioprobes and their Facilitation of the Drug Discovery Process. Current Medicinal Chemistry, 2015, 22, 1793-1807.	2.4	3
61	Identification of Regulatory-RNAs for Alternative Splicing of Ron Proto-Oncogene. Journal of Cancer, 2015, 6, 1346-1351.	2.5	2
62	Effect of Areca Nut on Helicobacter pylori-Induced Gastric Diseases in Mice. Journal of Microbiology and Biotechnology, 2016, 26, 1817-1823.	2.1	2
63	Inhibited inositol monophosphatase and decreased myo-inositol concentration improve wasting in skeletal muscles. Clinical and Translational Medicine, 2020, 10, e251.	4.0	1