

John Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3945615/publications.pdf>

Version: 2024-02-01

68
papers

2,410
citations

186265
28
h-index

214800
47
g-index

71
all docs

71
docs citations

71
times ranked

4116
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking the engraftment and regenerative capabilities of transplanted lung stem cells using fluorescent nanodiamonds. <i>Nature Nanotechnology</i> , 2013, 8, 682-689.	31.5	250
2	Identification of pulmonary Oct-4 ⁺ stem/progenitor cells and demonstration of their susceptibility to SARS coronavirus (SARS-CoV) infection <i>in vitro</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9530-9535.	7.1	176
3	Expression of Globo H and SSEA3 in breast cancer stem cells and the involvement of fucosyl transferases 1 and 2 in Globo H synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11667-11672.	7.1	147
4	Epithelial Cell Adhesion Molecule Regulation Is Associated with the Maintenance of the Undifferentiated Phenotype of Human Embryonic Stem Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 8719-8732.	3.4	114
5	ETHICS: The ISSCR Guidelines for Human Embryonic Stem Cell Research. <i>Science</i> , 2007, 315, 603-604.	12.6	104
6	Switching of the core structures of glycosphingolipids from globo- and lacto- to ganglio-series upon human embryonic stem cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22564-22569.	7.1	103
7	c-Myb Is an Evolutionary Conserved miR-150 Target and miR-150/c-Myb Interaction Is Important for Embryonic Development. <i>Molecular Biology and Evolution</i> , 2008, 25, 2189-2198.	8.9	100
8	The expression and significance of insulin-like growth factor-1 receptor and its pathway on breast cancer stem/progenitors. <i>Breast Cancer Research</i> , 2013, 15, R39.	5.0	88
9	Human TRIM71 and Its Nematode Homologue Are Targets of let-7 MicroRNA and Its Zebrafish Orthologue Is Essential for Development. <i>Molecular Biology and Evolution</i> , 2007, 24, 2525-2534.	8.9	79
10	The histone deacetylase inhibitor AN-9 has selective toxicity to acute leukemia and drug-resistant primary leukemia and cancer cell lines. <i>Blood</i> , 2002, 100, 3319-3324.	1.4	70
11	Structure-based design for binding peptides in anti-cancer therapy. <i>Biomaterials</i> , 2018, 156, 1-15.	11.4	63
12	Immunomodulatory and adjuvant activities of a polysaccharide extract of <i>Ganoderma lucidum</i> in vivo and in vitro. <i>Vaccine</i> , 2010, 28, 4945-4954.	3.8	59
13	Collagen IX is required for the integrity of collagen II fibrils and the regulation of vascular plexus formation in Zebrafish caudal fins. <i>Developmental Biology</i> , 2009, 332, 360-370.	2.0	57
14	Aristolochic Acid Induces Heart Failure in Zebrafish Embryos That is Mediated by Inflammation. <i>Toxicological Sciences</i> , 2007, 100, 486-494.	3.1	55
15	Podocalyxin-like 1 promotes invadopodia formation and metastasis through activation of Rac1/Cdc42/cortactin signaling in breast cancer cells. <i>Carcinogenesis</i> , 2014, 35, 2425-2435.	2.8	54
16	Interplay between SIN3A and STAT3 Mediates Chromatin Conformational Changes and GFAP Expression during Cellular Differentiation. <i>PLoS ONE</i> , 2011, 6, e22018.	2.5	48
17	Interaction of glycosphingolipids GD3 and GD2 with growth factor receptors maintains breast cancer stem cell phenotype. <i>Oncotarget</i> , 2017, 8, 47454-47473.	1.8	47
18	Changes in Glycosphingolipid Composition During Differentiation of Human Embryonic Stem Cells to Ectodermal or Endodermal Lineages. <i>Stem Cells</i> , 2011, 29, 1995-2004.	3.2	45

#	ARTICLE	IF	CITATIONS
19	Globo-H Ceramide Shed from Cancer Cells Triggers Translin-Associated Factor X-Dependent Angiogenesis. <i>Cancer Research</i> , 2014, 74, 6856-6866.	0.9	45
20	Fucosylation of LAMP-1 and LAMP-2 by FUT1 correlates with lysosomal positioning and autophagic flux of breast cancer cells. <i>Cell Death and Disease</i> , 2016, 7, e2347-e2347.	6.3	41
21	Sialylation of vasorin by ST3Gal1 facilitates TGF β 2-mediated tumor angiogenesis and progression. <i>International Journal of Cancer</i> , 2019, 144, 1996-2007.	5.1	38
22	Malignant phyllodes tumors display mesenchymal stem cell features and aldehyde dehydrogenase/disialoganglioside identify their tumor stem cells. <i>Breast Cancer Research</i> , 2014, 16, R29.	5.0	36
23	A Novel puf-A Gene Predicted from Evolutionary Analysis Is Involved in the Development of Eyes and Primordial Germ-Cells. <i>PLoS ONE</i> , 2009, 4, e4980.	2.5	34
24	FAM129B, an antioxidative protein, reduces chemosensitivity by competing with Nrf2 for Keap1 binding. <i>EBioMedicine</i> , 2019, 45, 25-38.	6.1	34
25	A Novel Oncogenic Role of Inositol Phosphatase SHIP2 in ER-Negative Breast Cancer Stem Cells: Involvement of JNK/Vimentin Activation. <i>Stem Cells</i> , 2014, 32, 2048-2060.	3.2	33
26	Identification of Tumorigenic Cells in <i>Kras</i> G12D-Induced Lung Adenocarcinoma. <i>Cancer Research</i> , 2011, 71, 7250-7258.	0.9	32
27	Structure-based optimization of GRP78-binding peptides that enhances efficacy in cancer imaging and therapy. <i>Biomaterials</i> , 2016, 94, 31-44.	11.4	32
28	High expression FUT1 and B3GALT5 is an independent predictor of postoperative recurrence and survival in hepatocellular carcinoma. <i>Scientific Reports</i> , 2017, 7, 10750.	3.3	31
29	Glycosphingolipid dynamics in human embryonic stem cell and cancer: their characterization and biomedical implications. <i>Glycoconjugate Journal</i> , 2017, 34, 765-777.	2.7	30
30	Reciprocal feedback regulation of ST3GAL1 and GFRA1 signaling in breast cancer cells. <i>Cancer Letters</i> , 2018, 434, 184-195.	7.2	30
31	Targeting glycosphingolipids for cancer immunotherapy. <i>FEBS Letters</i> , 2020, 594, 3602-3618.	2.8	30
32	The Synthetic Caged Garcinia Xanthone Cluvenone Induces Cell Stress and Apoptosis and Has Immune Modulatory Activity. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 2869-2878.	4.1	24
33	Sialylation of CD55 by ST3GAL1 Facilitates Immune Evasion in Cancer. <i>Cancer Immunology Research</i> , 2021, 9, 113-122.	3.4	22
34	HotLig: A Molecular Surface-Directed Approach to Scoring Protein-Ligand Interactions. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 2181-2195.	5.4	21
35	Preconditioning with fetal cord blood facilitates engraftment of primary childhood T-cell acute lymphoblastic leukemia in immunodeficient mice. <i>Blood</i> , 2001, 97, 3218-3225.	1.4	19
36	Alterations of Glycosphingolipids in Embryonic Stem Cell Differentiation and Development of Glycan-Targeting Cancer Immunotherapy. <i>Stem Cells and Development</i> , 2016, 25, 1532-1548.	2.1	18

#	ARTICLE	IF	CITATIONS
37	Leucine-Rich Repeat Neuronal Protein 1 Regulates Differentiation of Embryonic Stem Cells by Post-Translational Modifications of Pluripotency Factors. <i>Stem Cells</i> , 2018, 36, 1514-1524.	3.2	16
38	B3GALT5 knockout alters glycosphingolipid profile and facilitates transition to human naïve pluripotency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27435-27444.	7.1	15
39	IGF1R+ Dental Pulp Stem Cells Enhanced Neuroplasticity in Hypoxia-Ischemia Model. <i>Molecular Neurobiology</i> , 2017, 54, 8225-8241.	4.0	14
40	Dissecting the conformation of glycans and their interactions with proteins. <i>Journal of Biomedical Science</i> , 2020, 27, 93.	7.0	12
41	The influence of collagen film nanostructure on pulmonary stem cells and collagen-stromal cell interactions. <i>Biomaterials</i> , 2010, 31, 8271-8280.	11.4	10
42	Nanotechnologies for early diagnosis, in situ disease monitoring, and prevention. , 2018, , 1-92.		10
43	Benzo[a]pyrene induces fibrotic changes and impairs differentiation in lung stem cells. <i>Ecotoxicology and Environmental Safety</i> , 2021, 210, 111892.	6.0	10
44	Histamine metabolism influences blood vessel branching in zebrafish reg6mutants. <i>BMC Developmental Biology</i> , 2008, 8, 31.	2.1	9
45	Low Expression of IL-15 and NKT in Tumor Microenvironment Predicts Poor Outcome of MYCN-Non-Amplified Neuroblastoma. <i>Journal of Personalized Medicine</i> , 2021, 11, 122.	2.5	9
46	Globo H Is a Promising Theranostic Marker for Intrahepatic Cholangiocarcinoma. <i>Hepatology Communications</i> , 2022, 6, 194-208.	4.3	9
47	O-Acetyl-GD2 as a Therapeutic Target for Breast Cancer Stem Cells. <i>Frontiers in Immunology</i> , 2021, 12, 791551.	4.8	9
48	Extracellular Vesicle-Associated MicroRNA-138-5p Regulates Embryo Implantation and Early Pregnancy by Adjusting GPR124. <i>Pharmaceutics</i> , 2022, 14, 1172.	4.5	9
49	Fluorescent Nanodiamonds Enable Long-Term Detection of Human Adipose-Derived Stem/Stromal Cells in an In Vivo Chondrogenesis Model Using Decellularized Extracellular Matrices and Fibrin Glue Polymer. <i>Polymers</i> , 2019, 11, 1391.	4.5	8
50	Radiation Induces Pulmonary Fibrosis by Promoting the Fibrogenic Differentiation of Alveolar Stem Cells. <i>Stem Cells International</i> , 2020, 2020, 1-12.	2.5	7
51	BO-0742, a derivative of AHMA and N-mustard, has selective toxicity to drug sensitive and drug resistant leukemia cells and solid tumors. <i>Cancer Letters</i> , 2009, 276, 204-211.	7.2	6
52	Epigenetic Disruptions of Histone Signatures for the Trophectoderm and Inner Cell Mass in Mouse Parthenogenetic Embryos. <i>Stem Cells and Development</i> , 2015, 24, 550-564.	2.1	6
53	Data for peptide-binding assay with oriented immobilization of GRP78 in Biacore. <i>Data in Brief</i> , 2016, 7, 1696-1699.	1.0	6
54	Differential Response of Non-cancerous and Malignant Breast Cancer Cells to Conditioned Medium of Adipose tissue-derived Stromal Cells (ASCs). <i>International Journal of Medical Sciences</i> , 2019, 16, 893-901.	2.5	5

#	ARTICLE	IF	CITATIONS
55	Puf-A promotes cancer progression by interacting with nucleophosmin in nucleolus. <i>Oncogene</i> , 2022, 41, 1155-1165.	5.9	5
56	Transmembrane and coiled-coil domain family 3 (TMCC3) regulates breast cancer stem cell and AKT activation. <i>Oncogene</i> , 2021, 40, 2858-2871.	5.9	4
57	Loss of core-fucosylation of SPARC impairs collagen binding and contributes to COPD. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.4	4
58	Ectopic expression of Fgf3 leads to aberrant lineage segregation in the mouse parthenote preimplantation embryos. <i>Developmental Dynamics</i> , 2012, 241, 1651-1664.	1.8	3
59	Surface markers in stem cells and cancer from the perspective of glycomic analysis. <i>International Journal of Biological Markers</i> , 2012, 27, 344-352.	1.8	3
60	Structure-Based Design of NH ₂ -modified β -Galactosyl Ceramide (KRN7000) Analogues and Their Biological Activities. <i>ChemistrySelect</i> , 2016, 1, 4564-4569.	1.5	3
61	Yulink, predicted from evolutionary analysis, is involved in cardiac function. <i>Journal of Biomedical Science</i> , 2021, 28, 7.	7.0	3
62	Human Embryonic Stem Cell Differentiation: Role of Glycosphingolipid Structure. <i>Stem Cells and Cancer Stem Cells</i> , 2012, , 179-190.	0.1	2
63	Abstract 3018: SHIP2 plays an oncogenic role in breast cancer stem cells through JNK/vimentin activation and its phosphatase activity. , 2014, , .		1
64	A novel peptide that directs chemotherapy against breast cancer stem cell. <i>FASEB Journal</i> , 2015, 29, 629.18.	0.5	1
65	The Puf-A Protein Is Required for Primordial Germ Cell Development. <i>Cells</i> , 2022, 11, 1476.	4.1	1
66	Abstract 261: Podocalyxin-like 1 promotes stemness and metastasis of cancer cells through activating cortactin.. , 2013, , .		0
67	Fluorescent Nanodiamonds Enable Tracking of Prospectively Isolated Lung Stem Cells in Vivo. , 0, , .		0
68	B3GALT5 Knockout Alters Glycosphingolipid Profile and Facilitates Transition to Human Na ⁺ -ve Pluripotency. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0