Gary S Goldberg

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/433819/publications.pdf

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42	2,538	236925	289244
papers	citations	25 h-index	40 g-index

43	43	43	3208
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective transfer of endogenous metabolites through gap junctions composed of different connexins. Nature Cell Biology, 1999, 1, 457-459.	10.3	284
2	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. Carcinogenesis, 2015, 36, S254-S296.	2.8	239
3	Transfer of Biologically Important Molecules Between Cells Through Gap Junction Channels. Current Medicinal Chemistry, 2003, 10, 2045-2058.	2.4	212
4	Gap Junctions between Cells Expressing Connexin 43 or 32 Show Inverse Permselectivity to Adenosine and ATP. Journal of Biological Chemistry, 2002, 277, 36725-36730.	3.4	200
5	Evidence That Disruption of Connexon Particle Arrangements in Gap Junction Plaques Is Associated with Inhibition of Gap Junctional Communication by a Glycyrrhetinic Acid Derivative. Experimental Cell Research, 1996, 222, 48-53.	2.6	170
6	Podoplanin: An emerging cancer biomarker and therapeutic target. Cancer Science, 2018, 109, 1292-1299.	3.9	134
7	Phosphorylation of connexin43 induced by Src: Regulation of gap junctional communication between transformed cells. Experimental Cell Research, 2007, 313, 4083-4090.	2.6	86
8	Src Phosphorylates Cas on Tyrosine 253 to Promote Migration of Transformed Cells. Journal of Biological Chemistry, 2003, 278, 46533-46540.	3.4	81
9	Antibody and lectin target podoplanin to inhibit oral squamous carcinoma cell migration and viability by distinct mechanisms. Oncotarget, 2015, 6, 9045-9060.	1.8	77
10	Coordinate suppression of Sdpr and Fhl1 expression in tumors of the breast, kidney, and prostate. Cancer Science, 2008, 99, 1326-1333.	3.9	74
11	Normal Cells Control the Growth of Neighboring Transformed Cells Independent of Gap Junctional Communication and Src Activity. Cancer Research, 2004, 64, 1347-1358.	0.9	67
12	A connexin 43 antisense vector reduces the ability of normal cells to inhibit the foci formation of transformed cells. Molecular Carcinogenesis, 1994, 11, 106-114.	2.7	66
13	Articular chondrocyte network mediated by gap junctions: role in metabolic cartilage homeostasis. Annals of the Rheumatic Diseases, 2015, 74, 275-284.	0.9	65
14	Serines in the Intracellular Tail of Podoplanin (PDPN) Regulate Cell Motility. Journal of Biological Chemistry, 2013, 288, 12215-12221.	3.4	63
15	Direct Isolation and Analysis of Endogenous Transjunctional ADP from Cx43 Transfected C6 Glioma Cells. Experimental Cell Research, 1998, 239, 82-92.	2.6	62
16	Plant Lectin Can Target Receptors Containing Sialic Acid, Exemplified by Podoplanin, to Inhibit Transformed Cell Growth and Migration. PLoS ONE, 2012, 7, e41845.	2.5	61
17	Src Uses Cas to Suppress Fhl1 in Order to Promote Nonanchored Growth and Migration of Tumor Cells. Cancer Research, 2006, 66, 1543-1552.	0.9	58
18	Mechanisms of environmental chemicals that enable the cancer hallmark of evasion of growth suppression. Carcinogenesis, 2015, 36, S2-S18.	2.8	55

#	Article	IF	Citations
19	Src Induces Podoplanin Expression to Promote Cell Migration. Journal of Biological Chemistry, 2010, 285, 9649-9656.	3.4	50
20	AHNAK enables mammary carcinoma cells to produce extracellular vesicles that increase neighboring fibroblast cell motility. Oncotarget, 2016, 7, 49998-50016.	1.8	50
21	Podoplanin. Journal of Neuropathology and Experimental Neurology, 2015, 74, 64-74.	1.7	41
22	Podoplanin emerges as a functionally relevant oral cancer biomarker and therapeutic target. Oral Oncology, 2018, 78, 126-136.	1.5	41
23	Individual Cas Phosphorylation Sites Are Dispensable for Processive Phosphorylation by Src and Anchorage-independent Cell Growth. Journal of Biological Chemistry, 2006, 281, 20689-20697.	3.4	37
24	Src Utilizes Cas to Block Gap Junctional Communication Mediated by Connexin43. Journal of Biological Chemistry, 2007, 282, 18914-18921.	3.4	35
25	Src and podoplanin forge a path to destruction. Drug Discovery Today, 2019, 24, 241-249.	6.4	30
26	Src activates Abl to augment Robo1 expression in order to promote tumor cell migration. Oncotarget, 2010, 1, 198-209.	1.8	25
27	PKA and CDK5 can phosphorylate specific serines on the intracellular domain of podoplanin (PDPN) to inhibit cell motility. Experimental Cell Research, 2015, 335, 115-122.	2.6	21
28	Components in aqueous Hibiscus rosa-sinensis flower extract inhibit inÂvitro melanoma cell growth. Journal of Traditional and Complementary Medicine, 2017, 7, 45-49.	2.7	20
29	Maternal Diet, C-Reactive Protein, and the Outcome of Pregnancy. Journal of the American College of Nutrition, 2011, 30, 233-240.	1.8	18
30	Src Points the Way to Biomarkers and Chemotherapeutic Targets. Genes and Cancer, 2012, 3, 426-435.	1.9	18
31	Effects of Maackia amurensis seed lectin (MASL) on oral squamous cell carcinoma (OSCC) gene expression and transcriptional signaling pathways. Journal of Cancer Research and Clinical Oncology, 2021, 147, 445-457.	2.5	17
32	Src activates Abl to augment Robo1 expression in order to promote tumor cell migration. Oncotarget, 2010, 1, 198-209.	1.8	17
33	Cas utilizes Nck2 to activate Cdc42 and regulate cell polarization during cell migration in response to wound healing. FEBS Journal, 2010, 277, 3502-3513.	4.7	16
34	Evidence that Maackia amurensis seed lectin (MASL) exerts pleiotropic actions on oral squamous cells with potential to inhibit SARS-CoV-2 infection and COVID-19 disease progression. Experimental Cell Research, 2021, 403, 112594.	2.6	15
35	Nontransformed cells can normalize gap junctional communication with transformed cells. Biochemical and Biophysical Research Communications, 2005, 333, 174-179.	2.1	11
36	Full Length and Delta Lactoferrin Display Differential Cell Localization Dynamics, but do not Act as Tumor Markers or Significantly Affect the Expression of Other Genes. Medicinal Chemistry, 2005, 1, 57-64.	1.5	10

#	Article	IF	Citations
37	Contact Normalization or Escape from the Matrix. , 2015, , 297-342.		4
38	Environmental control of mammary carcinoma cell expansion by acidification and spheroid formation in vitro. Scientific Reports, 2020, 10, 21959.	3.3	3
39	Sequence of a novel chicken genomic DNA fragment that hybridizes to the murine Hox-3.1 homeobox. Gene, 1992, 121, 397-398.	2.2	1
40	Src Regulates the Expression of Lin28: Implications for Cell Growth, Adhesion, and Communication. Cell Communication and Adhesion, 2009, 15, 407-409.	1.0	1
41	Heterocellular N-cadherin junctions enable nontransformed cells to inhibit the growth of adjacent transformed cells. Cell Communication and Signaling, 2022, 20, 19.	6.5	1
42	Independent effects of Src kinase and podoplanin on anchorage independent cell growth and migration. Molecular Carcinogenesis, 2022, , .	2.7	1