

Chaogu Zheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4812590/publications.pdf>

Version: 2024-02-01

31
papers

1,153
citations

394421

19
h-index

434195

31
g-index

36
all docs

36
docs citations

36
times ranked

1735
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical imaging of metabolic dynamics in animals. <i>Nature Communications</i> , 2018, 9, 2995.	12.8	164
2	Antiapoptotic Activity of Autocrine Interleukin-22 and Therapeutic Effects of Interleukin-22-Small Interfering RNA on Human Lung Cancer Xenografts. <i>Clinical Cancer Research</i> , 2008, 14, 6432-6439.	7.0	113
3	Recognition of CD146 as an ERM-binding protein offers novel mechanisms for melanoma cell migration. <i>Oncogene</i> , 2012, 31, 306-321.	5.9	74
4	Live-cell vibrational imaging of choline metabolites by stimulated Raman scattering coupled with isotope-based metabolic labeling. <i>Analyst</i> , 2014, 139, 2312-2317.	3.5	71
5	Mid-infrared metabolic imaging with vibrational probes. <i>Nature Methods</i> , 2020, 17, 844-851.	19.0	69
6	Endothelial CD146 is required for in vitro tumor-induced angiogenesis: The role of a disulfide bond in signaling and dimerization. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 2163-2172.	2.8	67
7	Targeted Knockdown of EGR-1 Inhibits IL-8 Production and IL-8-mediated Invasion of Prostate Cancer Cells through Suppressing EGR-1/NF- κ B Synergy. <i>Journal of Biological Chemistry</i> , 2009, 284, 34600-34606.	3.4	61
8	E2F1 Induces Tumor Cell Survival via Nuclear Factor- κ B-Dependent Induction of EGR1 Transcription in Prostate Cancer Cells. <i>Cancer Research</i> , 2009, 69, 2324-2331.	0.9	51
9	Hox Proteins Act as Transcriptional Guarantors to Ensure Terminal Differentiation. <i>Cell Reports</i> , 2015, 13, 1343-1352.	6.4	47
10	E2F1 renders prostate cancer cell resistant to ICAM-1 mediated antitumor immunity by NF- κ B modulation. <i>Molecular Cancer</i> , 2014, 13, 84.	19.2	39
11	Low concentration of condensed tannins from catechu significantly inhibits fatty acid synthase and growth of MCF-7 cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 654-658.	2.1	38
12	NADPH oxidase 4 mediates reactive oxygen species induction of CD146 dimerization in VEGF signal transduction. <i>Free Radical Biology and Medicine</i> , 2010, 49, 227-236.	2.9	38
13	Hox Genes Promote Neuronal Subtype Diversification through Posterior Induction in <i>Caenorhabditis elegans</i> . <i>Neuron</i> , 2015, 88, 514-527.	8.1	37
14	A Novel Anti-CEACAM5 Monoclonal Antibody, CC4, Suppresses Colorectal Tumor Growth and Enhances NK Cells-Mediated Tumor Immunity. <i>PLoS ONE</i> , 2011, 6, e21146.	2.5	37
15	Generation and Characterization of a Panel of Monoclonal Antibodies Against Distinct Epitopes of Human CD146. <i>Hybridoma</i> , 2008, 27, 345-352.	0.4	33
16	Genome-wide screen identifies curli amyloid fibril as a bacterial component promoting host neurodegeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	32
17	Distinct effects of tubulin isotype mutations on neurite growth in <i>Caenorhabditis elegans</i> . <i>Molecular Biology of the Cell</i> , 2017, 28, 2786-2801.	2.1	29
18	Dishevelled attenuates the repelling activity of Wnt signaling during neurite outgrowth in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13243-13248.	7.1	28

#	ARTICLE	IF	CITATIONS
19	Histone Methylation Restrains the Expression of Subtype-Specific Genes during Terminal Neuronal Differentiation in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2013, 9, e1004017.	3.5	25
20	GEFs and Rac GTPases control directional specificity of neurite extension along the anterior–posterior axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6973-6978.	7.1	18
21	Large Genetic Diversity and Strong Positive Selection in F-Box and GPCR Genes among the Wild Isolates of <i>Caenorhabditis elegans</i> . <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	13
22	Nervous system-wide analysis of Hox regulation of terminal neuronal fate specification in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2022, 18, e1010092.	3.5	12
23	Opposing effects of an F-box protein and the HSP90 chaperone network on microtubule stability and neurite growth in <i>Caenorhabditis elegans</i> . <i>Development (Cambridge)</i> , 2020, 147, .	2.5	11
24	Novel and potent inhibitors of fatty acid synthase derived from catechins and their inhibition on MCF-7 cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 623-631.	5.2	8
25	Securing Neuronal Cell Fate in <i>C. elegans</i> . <i>Current Topics in Developmental Biology</i> , 2016, 116, 167-180.	2.2	7
26	Inhibition of cell fate repressors secures the differentiation of the touch receptor neurons of <i>Caenorhabditis elegans</i> . <i>Development (Cambridge)</i> , 2018, 145, .	2.5	7
27	Epistatic, synthetic, and balancing interactions among tubulin missense mutations affecting neurite growth in <i>Caenorhabditis elegans</i> . <i>Molecular Biology of the Cell</i> , 2021, 32, 331-347.	2.1	7
28	Using <i>Caenorhabditis elegans</i> to Model Therapeutic Interventions of Neurodegenerative Diseases Targeting Microbe-Host Interactions. <i>Frontiers in Pharmacology</i> , 2022, 13, 875349.	3.5	6
29	Elevated Levels of Soluble and Neutrophil CD146 in Active Systemic Vasculitis. <i>Laboratory Medicine</i> , 2009, 40, 351-356.	1.2	4
30	The Expression and Function of Tubulin Isoforms in <i>Caenorhabditis elegans</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 860065.	3.7	2
31	TBA-7 is not a microtubule-destabilizing tubulin. <i>Molecular Biology of the Cell</i> , 2021, 32, 1145-1146.	2.1	1