

Boyan K Garvalov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7187815/publications.pdf>

Version: 2024-02-01

41
papers

4,211
citations

257450

24
h-index

302126

39
g-index

42
all docs

42
docs citations

42
times ranked

8058
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfated hyaluronic acid inhibits the hyaluronidase CEMIP and regulates the HA metabolism, proliferation and differentiation of fibroblasts. <i>Matrix Biology</i> , 2022, 109, 173-191.	3.6	10
2	Loss of ASAP1 in the MMTV-PyMT model of luminal breast cancer activates AKT, accelerates tumorigenesis, and promotes metastasis. <i>Cancer Letters</i> , 2022, 533, 215600.	7.2	2
3	IER2-induced senescence drives melanoma invasion through osteopontin. <i>Oncogene</i> , 2021, 40, 6494-6512.	5.9	13
4	Quantitative Detection of Disseminated Melanoma Cells by Trp-1 Transcript Analysis Reveals Stochastic Distribution of Pulmonary Metastases. <i>Journal of Clinical Medicine</i> , 2021, 10, 5459.	2.4	2
5	Spatiotemporally controlled induction of gene expression in vivo allows tracking the fate of tumor cells that traffic through the lymphatics. <i>International Journal of Cancer</i> , 2020, 147, 1190-1198.	5.1	0
6	Lamin B1 loss promotes lung cancer development and metastasis by epigenetic derepression of RET. <i>Journal of Experimental Medicine</i> , 2019, 216, 1377-1395.	8.5	45
7	Deep Learning Reveals Cancer Metastasis and Therapeutic Antibody Targeting in the Entire Body. <i>Cell</i> , 2019, 179, 1661-1676.e19.	28.9	142
8	Design, synthesis and biological evaluation of fused naphthofuro[3,2-c]quinoline-6,7,12-triones and pyrano[3,2-c]quinoline-6,7,8,13-tetraones derivatives as ERK inhibitors with efficacy in BRAF-mutant melanoma. <i>Bioorganic Chemistry</i> , 2019, 82, 290-305.	4.1	35
9	Lamin B1 in cancer and aging. <i>Aging</i> , 2019, 11, 7336-7338.	3.1	11
10	PHD3 Controls Lung Cancer Metastasis and Resistance to EGFR Inhibitors through TGF β . <i>Cancer Research</i> , 2018, 78, 1805-1819.	0.9	38
11	Analysis of Hypoxia and the Hypoxic Response in Tumor Xenografts. <i>Methods in Molecular Biology</i> , 2018, 1742, 283-300.	0.9	6
12	DNA methylation-based classification of central nervous system tumours. <i>Nature</i> , 2018, 555, 469-474.	27.8	1,872
13	Loss of the Chr16p11.2 ASD candidate gene QPRT leads to aberrant neuronal differentiation in the SH-SY5Y neuronal cell model. <i>Molecular Autism</i> , 2018, 9, 56.	4.9	27
14	Hyaluronic acid-CD44 interactions promote BMP4/7-dependent Id1/3 expression in melanoma cells. <i>Scientific Reports</i> , 2018, 8, 14913.	3.3	23
15	The role of hypoxic signalling in metastasis: towards translating knowledge of basic biology into novel anti-tumour strategies. <i>Clinical and Experimental Metastasis</i> , 2018, 35, 563-599.	3.3	25
16	Seeing whole-tumour heterogeneity. <i>Nature Biomedical Engineering</i> , 2017, 1, 772-774.	22.5	10
17	Hypoxia-inducible factor-1 β activation in HPV-positive head and neck squamous cell carcinoma cell lines. <i>Oncotarget</i> , 2017, 8, 89681-89691.	1.8	15
18	Acidosis Acts through HSP90 in a PHD/VHL-Independent Manner to Promote HIF Function and Stem Cell Maintenance in Glioma. <i>Cancer Research</i> , 2016, 76, 5845-5856.	0.9	65

#	ARTICLE	IF	CITATIONS
19	Implications of Oxygen Homeostasis for Tumor Biology and Treatment. <i>Advances in Experimental Medicine and Biology</i> , 2016, 903, 169-185.	1.6	11
20	Rapidly progressive hypertrophic cardiomyopathy in an infant with Noonan syndrome with multiple lentiginos: Palliative treatment with a rapamycin analog. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 744-751.	1.2	53
21	Isolation and Culture of Primary Glioblastoma Cells from Human Tumor Specimens. <i>Methods in Molecular Biology</i> , 2015, 1235, 263-275.	0.9	34
22	Who stands to win from double-blind peer review?. <i>Advances in Regenerative Biology</i> , 2015, 2, 26879.	0.2	5
23	PHD3 regulates EGFR internalization and signalling in tumours. <i>Nature Communications</i> , 2014, 5, 5577.	12.8	48
24	Stress-induced Upregulation of <i>SLC19A3</i> is Impaired in Biotin-Thiamine-Responsive Basal Ganglia Disease. <i>Brain Pathology</i> , 2014, 24, 270-279.	4.1	35
25	Loss of PHD3 allows tumours to overcome hypoxic growth inhibition and sustain proliferation through EGFR. <i>Nature Communications</i> , 2014, 5, 5582.	12.8	61
26	Sexism: Measure journal objectivity. <i>Nature</i> , 2013, 493, 305-305.	27.8	0
27	The cancer stem cell niche(s): The crosstalk between glioma stem cells and their microenvironment. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2496-2508.	2.4	140
28	Continued Response Off Treatment After BRAF Inhibition in Refractory Hairy Cell Leukemia. <i>Journal of Clinical Oncology</i> , 2013, 31, e300-e303.	1.6	67
29	ADF/Cofilin-Mediated Actin Retrograde Flow Directs Neurite Formation in the Developing Brain. <i>Neuron</i> , 2012, 76, 1091-1107.	8.1	198
30	Cancer stem cells: a new framework for the design of tumor therapies. <i>Journal of Molecular Medicine</i> , 2011, 89, 95-107.	3.9	65
31	Molecular Recognition of the Tes LIM2 ³ Domains by the Actin-related Protein Arp7A. <i>Journal of Biological Chemistry</i> , 2011, 286, 11543-11554.	3.4	36
32	A hypoxic niche regulates glioblastoma stem cells through hypoxia inducible factor 2 α . <i>Brain</i> , 2010, 133, 983-995.	7.6	401
33	Rac1 Regulates Neuronal Polarization through the WAVE Complex. <i>Journal of Neuroscience</i> , 2010, 30, 6930-6943.	3.6	155
34	Who stands to lose from double-blind review?. <i>Nature</i> , 2008, 452, 28-28.	27.8	3
35	Cdc42 Regulates Cofilin during the Establishment of Neuronal Polarity. <i>Journal of Neuroscience</i> , 2007, 27, 13117-13129.	3.6	235
36	Tes, a Specific Mena Interacting Partner, Breaks the Rules for EVH1 Binding. <i>Molecular Cell</i> , 2007, 28, 1071-1082.	9.7	66

#	ARTICLE	IF	CITATIONS
37	Mobility is not the only way forward. EMBO Reports, 2007, 8, 422-422.	4.5	3
38	Luminal particles within cellular microtubules. Journal of Cell Biology, 2006, 174, 759-765.	5.2	111
39	Struggling to Attend U.S. Meetings. Science, 2004, 306, 609c-609c.	12.6	0
40	The conformational state of Tes regulates its zyxin-dependent recruitment to focal adhesions. Journal of Cell Biology, 2003, 161, 33-39.	5.2	71
41	Phosphoinositides Regulate Membrane-dependent Actin Assembly by Latex Bead Phagosomes. Molecular Biology of the Cell, 2002, 13, 1190-1202.	2.1	71