

Ashok B Kulkarni

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,770
citations

218677

26
h-index

302126

39
g-index

41
all docs

41
docs citations

41
times ranked

3647
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted disruption of the biglycan gene leads to an osteoporosis-like phenotype in mice. <i>Nature Genetics</i> , 1998, 20, 78-82.	21.4	543
2	Amelogenin-deficient Mice Display an Amelogenesis Imperfecta Phenotype. <i>Journal of Biological Chemistry</i> , 2001, 276, 31871-31875.	3.4	423
3	Blockade of adenosine A2A receptor enhances CD8+ T cells response and decreases regulatory T cells in head and neck squamous cell carcinoma. <i>Molecular Cancer</i> , 2017, 16, 99.	19.2	129
4	Blockade of TIGIT/CD155 Signaling Reverses T-cell Exhaustion and Enhances Antitumor Capability in Head and Neck Squamous Cell Carcinoma. <i>Cancer Immunology Research</i> , 2019, 7, 1700-1713.	3.4	126
5	LAG-3 confers poor prognosis and its blockade reshapes antitumor response in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2016, 5, e1239005.	4.6	108
6	Cyclin-dependent kinase 5 activity regulates pain signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 791-796.	7.1	107
7	Cyclin-dependent kinase 5 modulates nociceptive signaling through direct phosphorylation of transient receptor potential vanilloid 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 660-665.	7.1	107
8	PD-1 blockade attenuates immunosuppressive myeloid cells due to inhibition of CD47/SIRP α axis in HPV negative head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2015, 6, 42067-42080.	1.8	95
9	The Receptor Activator of Nuclear Factor- κ B Ligand-mediated Osteoclastogenic Pathway Is Elevated in Amelogenin-null Mice. <i>Journal of Biological Chemistry</i> , 2003, 278, 35743-35748.	3.4	93
10	Amelogenin: A Potential Regulator of Cementum-associated Genes. <i>Journal of Periodontology</i> , 2003, 74, 1423-1431.	3.4	84
11	Increased activity of cyclin-dependent kinase 5 leads to attenuation of cocaine-mediated dopamine signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1737-1742.	7.1	81
12	NOTCH1 inhibition enhances the efficacy of conventional chemotherapeutic agents by targeting head neck cancer stem cell. <i>Scientific Reports</i> , 2016, 6, 24704.	3.3	76
13	T-cell immunoglobulin mucin 3 blockade drives an antitumor immune response in head and neck cancer. <i>Molecular Oncology</i> , 2017, 11, 235-247.	4.6	65
14	β -Secretase inhibitor reduces immunosuppressive cells and enhances tumour immunity in head and neck squamous cell carcinoma. <i>International Journal of Cancer</i> , 2018, 142, 999-1009.	5.1	59
15	Cdk5: A New Player in Pain Signaling. <i>Cell Cycle</i> , 2006, 5, 585-588.	2.6	57
16	Generation of Transgenic Mice. <i>Current Protocols in Cell Biology</i> , 2009, 42, Unit 19.11.	2.3	54
17	Transforming Growth Factor- β 1 Regulates Cdk5 Activity in Primary Sensory Neurons. <i>Journal of Biological Chemistry</i> , 2012, 287, 16917-16929.	3.4	50
18	Anti-CD47 treatment enhances anti-tumor T-cell immunity and improves immunosuppressive environment in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2018, 7, e1397248.	4.6	45

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19	Selective blockade of B7â€³ enhances antitumour immune activity by reducing immature myeloid cells in head and neck squamous cell carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2199-2210.	3.6	43
20	Epidermal Growth Factor Receptor Inhibition Reduces Angiogenesis via Hypoxia-Inducible Factor-1Î± and Notch1 in Head Neck Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2015, 10, e0119723.	2.5	41
21	TGF-Î² receptor 1 regulates progenitors that promote browning of white fat. <i>Molecular Metabolism</i> , 2018, 16, 160-171.	6.5	33
22	Targeting STAT3 signaling reduces immunosuppressive myeloid cells in head and neck squamous cell carcinoma. <i>Oncotmmunology</i> , 2016, 5, e1130206.	4.6	32
23	Comparison of body weight and gene expression in amelogenin null and wild-type mice. <i>European Journal of Oral Sciences</i> , 2006, 114, 190-193.	1.5	31
24	Specific blockade of CD73 alters the exhausted phenotype of T cells in head and neck squamous cell carcinoma. <i>International Journal of Cancer</i> , 2018, 143, 1494-1504.	5.1	31
25	Partial Rescue of the Amelogenin Null Dental Enamel Phenotype. <i>Journal of Biological Chemistry</i> , 2008, 283, 15056-15062.	3.4	30
26	Inhibition of SRC family kinases reduces myeloid-derived suppressor cells in head and neck cancer. <i>International Journal of Cancer</i> , 2017, 140, 1173-1185.	5.1	30
27	TRPV1 function is modulated by Cdk5-mediated phosphorylation: insights into the molecular mechanism of nociception. <i>Scientific Reports</i> , 2016, 6, 22007.	3.3	27
28	Behavioral and synaptic alterations relevant to obsessive-compulsive disorder in mice with increased EAAT3 expression. <i>Neuropsychopharmacology</i> , 2019, 44, 1163-1173.	5.4	27
29	Tracking Endogenous Amelogenin and Ameloblastin In Vivo. <i>PLoS ONE</i> , 2014, 9, e99626.	2.5	23
30	Activation of Cyclin-Dependent Kinase 5 Mediates Orofacial Mechanical Hyperalgesia. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-66.	2.1	22
31	Phosphorylation of the Transient Receptor Potential Ankyrin 1 by Cyclin-dependent Kinase 5 affects Chemo-nociception. <i>Scientific Reports</i> , 2018, 8, 1177.	3.3	22
32	Cyclin-dependent kinase 5 modulates the P2X2a receptor channel gating through phosphorylation of C-terminal threonine 372. <i>Pain</i> , 2017, 158, 2155-2168.	4.2	14
33	Amelogenins: Multi-Functional Enamel Matrix Proteins and Their Binding Partners. <i>Journal of Oral Biosciences</i> , 2011, 53, 257-266.	2.2	13
34	Adhesive and Migratory Effects of Phosphophoryn Are Modulated by Flanking Peptides of the Integrin Binding Motif. <i>PLoS ONE</i> , 2014, 9, e112490.	2.5	13
35	Phenotypic consequences of transforming growth factor Î²1 gene ablation in murine embryonic fibroblasts: Autocrine control of cell proliferation and extracellular matrix biosynthesis. , 1998, 176, 67-75.		12
36	Regulation of Sox6 by Cyclin Dependent Kinase 5 in Brain. <i>PLoS ONE</i> , 2014, 9, e89310.	2.5	10

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37	Amelogenins: Multi-Functional Enamel Matrix Proteins and Their Binding Partners. Journal of Oral Biosciences, 2011, 53, 257-266.	2.2	6
38	Visualization of trigeminal ganglion sensory neuronal signaling regulated by Cdk5. Cell Reports, 2022, 38, 110458.	6.4	4
39	Leucine rich amelogenin peptide prevents ovariectomy-induced bone loss in mice. PLoS ONE, 2021, 16, e0259966.	2.5	2
40	Nociceptive signaling through transient receptor potential vanilloid 1 is regulated by Cyclin Dependent Kinase 5-mediated phosphorylation of T407 in vivo. Molecular Pain, 2022, 18, 174480692211114.	2.1	1