Benjamin Beck

List of Publications by Year
in descending order

33 papers	5,782 citations	201674 27 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	10426 citing authors

#	Article	IF	Citations
1	Distinct stem cells contribute to mammary gland development and maintenance. Nature, 2011, 479, 189-193.	27.8	733
2	Unravelling cancer stem cell potential. Nature Reviews Cancer, 2013, 13, 727-738.	28.4	723
3	Defining the mode of tumour growth by clonal analysis. Nature, 2012, 488, 527-530.	27.8	662
4	SOX2 controls tumour initiation and cancer stem-cell functions in squamous-cell carcinoma. Nature, 2014, 511, 246-250.	27.8	552
5	A vascular niche and a VEGFâ€“Nrp1 loop regulate the initiation and stemness of skin tumours. Nature, 2011, 478, 399-403.	27.8	410
6	p53 induces formation of NEAT1 lncRNA-containing paraspeckles that modulate replication stress response and chemosensitivity. Nature Medicine, 2016, 22, 861-868.	30.7	372
7	Identification of the cell lineage at the origin of basal cell carcinoma. Nature Cell Biology, 2010, 12, 299-305.	10.3	345
8	Functional implications of calcium permeability of the channel formed by pannexin 1. Journal of Cell Biology, 2006, 174, 535-546.	5.2	224
9	Differential Role of Transient Receptor Potential Channels in Ca2+ Entry and Proliferation of Prostate Cancer Epithelial Cells. Cancer Research, 2006, 66, 2038-2047.	0.9	183
10	Cell-Type-Specific Chromatin States Differentially Prime Squamous Cell Carcinoma Tumor-Initiating Cells for Epithelial to Mesenchymal Transition. Cell Stem Cell, 2017, 20, 191-204.e5.	11.1	170
11	Different Levels of Twist1 Regulate Skin Tumor Initiation, Stemness, and Progression. Cell Stem Cell, 2015, 16, 67-79.	11.1	169
12	Prostate cell differentiation status determines transient receptor potential melastatin member 8 channel subcellular localization and function. Journal of Clinical Investigation, 2007, 117, 1647-1657.	8.2	166
13	Ca2+-independent Phospholipase A2-dependent Gating of TRPM8 by Lysophospholipids. Journal of Biological Chemistry, 2006, 281, 40174-40182.	3.4	115
14	Defining the earliest step of cardiovascular progenitor specification during embryonic stem cell differentiation. Journal of Cell Biology, 2011, 192, 751-765.	5.2	114
15	TRPV6 calcium channel translocates to the plasma membrane via Orai1-mediated mechanism and controls cancer cell survival. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3870-9.	7.1	90
16	Passive calcium leak via translocon is a first step for iPLA 2 â€pathway regulated store operated channels activation. FASEB Journal, 2006, 20, 1215-1217.	0.5	83
17	Epidermal TRPM8 channel isoform controls the balance between keratinocyte proliferation and differentiation in a cold-dependent manner. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3345-54.	7.1	74
18	Skin squamous cell carcinoma propagating cells increase with tumour progression and invasiveness. EMBO Journal, 2012, 31, 4563-4575.	7.8	73

#	Article	IF	Citations
19	TRPC channels determine human keratinocyte differentiation: New insight into basal cell carcinoma. Cell Calcium, 2008, 43, 492-505.	2.4	72
20	TRPV6 Is a Ca2+ Entry Channel Essential for Ca2+-induced Differentiation of Human Keratinocytes. Journal of Biological Chemistry, 2007, 282, 22582-22591.	3.4	70
21	Prospects for prostate cancer imaging and therapy using high-affinity TRPM8 activators. Cell Calcium, 2007, 41, 285-294.	2.4	64
22	Mechanisms regulating epidermal stem cells. EMBO Journal, 2012, 31, 2067-2075.	7.8	63
23	The Transient Receptor Potential Channel TRPM8 Is Inhibited via the Î±2A Adrenoreceptor Signaling Pathway. Journal of Biological Chemistry, 2010, 285, 9410-9419.	3.4	51
24	TRPC7 Is a Receptor-Operated DAG-Activated Channel in Human Keratinocytes. Journal of Investigative Dermatology, 2006, 126, 1982-1993.	0.7	46
25	Regulation of Activity of Transient Receptor Potential Melastatin 8 (TRPM8) Channel by Its Short Isoforms. Journal of Biological Chemistry, 2012, 287, 2948-2962.	3.4	43
26	Organoids from pituitary as a novel research model toward pituitary stem cell exploration. Journal of Endocrinology, 2019, 240, 287-308.	2.6	39
27	Ca2+- and Volume-sensitive Chloride Currents Are Differentially Regulated by Agonists and Store-operated Ca2+ Entry. Journal of General Physiology, 2005, 125, 197-211.	1.9	38
28	Reactivation of the Hedgehog pathway in esophageal progenitors turns on an embryonic-like program to initiate columnar metaplasia. Cell Stem Cell, 2021, 28, 1411-1427.e7.	11.1	16
29	Naked mole rat TRF1 safeguards glycolytic capacity and telomere replication under low oxygen. Science Advances, 2021, 7, .	10.3	12
30	PER2 Circadian Oscillation Sensitizes Esophageal Cancer Cells to Chemotherapy. Biology, 2021, 10, 266.	2.8	7
31	Toward Targeted Therapies in Oesophageal Cancers: An Overview. Cancers, 2022, 14, 1522.	3.7	3
32	Dedifferentiation of esophageal progenitors in metaplasia and cancer. Molecular and Cellular Oncology, 2021, 8, 1991758.	0.7	0
33	Defining the earliest step of cardiovascular progenitor specification during embryonic stem cell differentiation. Journal of Experimental Medicine, 2011, 208, i5-i5.	8.5	0