

Branden A Smeester

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

567
citations

933447

10
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

818
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient multiplex human T cell engineering without double-strand breaks using Cas9 base editors. <i>Nature Communications</i> , 2019, 10, 5222.	12.8	135
2	A Genetically Engineered Primary Human Natural Killer Cell Platform for Cancer Immunotherapy. <i>Molecular Therapy</i> , 2020, 28, 52-63.	8.2	120
3	Ligands that interact with putative MOR-mGluR5 heteromer in mice with inflammatory pain produce potent antinociception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11595-11599.	7.1	74
4	CRISPR-Cas9 cytidine and adenosine base editing of splice-sites mediates highly-efficient disruption of proteins in primary and immortalized cells. <i>Nature Communications</i> , 2021, 12, 2437.	12.8	50
5	Targeting putative mu opioid/metabotropic glutamate receptor-5 heteromers produces potent antinociception in a chronic murine bone cancer model. <i>European Journal of Pharmacology</i> , 2014, 743, 48-52.	3.5	39
6	PLX3397 treatment inhibits constitutive CSF1R-induced oncogenic ERK signaling, reduces tumor growth, and metastatic burden in osteosarcoma. <i>Bone</i> , 2020, 136, 115353.	2.9	20
7	The Effect of Electroacupuncture on Osteosarcoma Tumor Growth and Metastasis: Analysis of Different Treatment Regimens. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-13.	1.2	15
8	Effects of Different Electroacupuncture Scheduling Regimens on Murine Bone Tumor-Induced Hyperalgesia: Sex Differences and Role of Inflammation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-16.	1.2	14
9	Colocalization of aromatase in spinal cord astrocytes: Differences in expression and relationship to mechanical and thermal hyperalgesia in murine models of a painful and a non-painful bone tumor. <i>Neuroscience</i> , 2015, 301, 235-245.	2.3	13
10	SEMA4C is a novel target to limit osteosarcoma growth, progression, and metastasis. <i>Oncogene</i> , 2020, 39, 1049-1062.	5.9	13
11	Breast Tumor Kinase (Brk/PTK6) Mediates Advanced Cancer Phenotypes via SH2-Domain Dependent Activation of RhoA and Aryl Hydrocarbon Receptor (AhR) Signaling. <i>Molecular Cancer Research</i> , 2021, 19, 329-345.	3.4	13
12	The relationship of bone-tumor-induced spinal cord astrocyte activation and aromatase expression to mechanical hyperalgesia and cold hypersensitivity in intact female and ovariectomized mice. <i>Neuroscience</i> , 2016, 324, 344-354.	2.3	11
13	Implication of <i>ZNF217</i> in Accelerating Tumor Development and Therapeutically Targeting ZNF217-Induced PI3K/AKT Signaling for the Treatment of Metastatic Osteosarcoma. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2528-2541.	4.1	11
14	Spinal Sigma-1 Receptor-mediated Dephosphorylation of Astrocytic Aromatase Plays a Key Role in Formalin-induced Inflammatory Nociception. <i>Neuroscience</i> , 2018, 372, 181-191.	2.3	10
15	Influence of social interaction on nociceptive-induced changes in locomotor activity in a mouse model of acute inflammatory pain: Use of novel thermal assays. <i>Brain Research Bulletin</i> , 2017, 134, 47-54.	3.0	8
16	Human δ^2 -Defensin δ^1 and δ^2 -Defensin δ^3 (Mouse Ortholog mBD14) Function as Full Endogenous Agonists at Select Melanocortin Receptors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3738-3744.	6.4	4
17	Cancer Gene Discovery Utilizing Sleeping Beauty Transposon Mutagenesis. <i>Methods in Molecular Biology</i> , 2019, 1907, 161-170.	0.9	3
18	Osteosarcomagenesis: Biology, Development, Metastasis, and Mechanisms of Pain. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Abstract A36: Validation of candidate cancer genes using the CRISPR system. , 2016, , .		0
20	Abstract 64: Identification and validation of novel therapeutic targets of osteosarcoma using cutting edge technologies. , 2016, , .		0