

# Jane E Cavanaugh

## List of Publications by Year in descending order

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28  
papers

1,849  
citations

567144

15  
h-index

501076

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2451  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanisms of Epithelial to Mesenchymal Transition Regulated by ERK5 Signaling. <i>Biomolecules</i> , 2021, 11, 183.	1.8	13
2	Dual inhibition of MEK1/2 and MEK5 suppresses the EMT/migration axis in triple-negative breast cancer through FRA-1 regulation. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 835-850.	1.2	5
3	Constitutive activation of MEK5 promotes a mesenchymal and migratory cell phenotype in triple negative breast cancer. <i>Oncoscience</i> , 2021, 8, 61-71.	0.9	2
4	Diverse and converging roles of ERK1/2 and ERK5 pathways on mesenchymal to epithelial transition in breast cancer. <i>Translational Oncology</i> , 2021, 14, 101046.	1.7	4
5	Pharmacological inhibition of the MEK5/ERK5 and PI3K/Akt signaling pathways synergistically reduces viability in triple-negative breast cancer. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1156-1168.	1.2	16
6	ERK5 Is Required for Tumor Growth and Maintenance Through Regulation of the Extracellular Matrix in Triple Negative Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1164.	1.3	13
7	Novel Diphenylamine Analogs Induce Mesenchymal to Epithelial Transition in Triple Negative Breast Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 672.	1.3	18
8	Protective effects of the resveratrol analog piceid in dopaminergic SH-SY5Y cells. <i>Archives of Toxicology</i> , 2018, 92, 669-677.	1.9	19
9	Resveratrol and pinostilbene confer neuroprotection against aging-related deficits through an ERK1/2-dependent mechanism. <i>Journal of Nutritional Biochemistry</i> , 2018, 54, 77-86.	1.9	21
10	Breaking Down Barriers to Pharmacy Graduate Education: The Report of the 2017-2018 Research and Graduate Affairs Committee. <i>American Journal of Pharmaceutical Education</i> , 2018, 82, 7147.	0.7	9
11	Structure activity relationships of anthranilic acid-based compounds on cellular and in vivo mitogen activated protein kinase-5 signaling pathways. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2294-2301.	1.0	18
12	Improved Flux of Levodopa via Direct Deposition of Solid Microparticles on Nasal Tissue. <i>AAPS PharmSciTech</i> , 2017, 18, 904-912.	1.5	15
13	Oncogenic signaling of MEK5-ERK5. <i>Cancer Letters</i> , 2017, 392, 51-59.	3.2	88
14	Central amygdala activation of extracellular signal-regulated kinase 1 and age-dependent changes in inflammatory pain sensitivity in mice. <i>Neurobiology of Aging</i> , 2017, 56, 100-107.	1.5	14
15	Competency, Programming, and Emerging Innovation in Graduate Education within Schools of Pharmacy: The Report of the 2016-2017 Research and Graduate Affairs Committee. <i>American Journal of Pharmaceutical Education</i> , 2017, 81, S11.	0.7	14
16	Development and characterization of resveratrol nanoemulsions carrying dual-imaging agents. <i>Therapeutic Delivery</i> , 2016, 7, 795-808.	1.2	17
17	ERK1, 2, and 5 expression and activation in dopaminergic brain regions during postnatal development. <i>International Journal of Developmental Neuroscience</i> , 2015, 46, 44-50.	0.7	9
18	The role of ERK1, 2, and 5 in dopamine neuron survival during aging. <i>Neurobiology of Aging</i> , 2014, 35, 669-679.	1.5	21

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19	Loss of motor coordination in an aging mouse model. Behavioural Brain Research, 2014, 267, 119-125.	1.2	13
20	Dietary supplementation with resveratrol protects against striatal dopaminergic deficits produced by in utero LPS exposure. Brain Research, 2014, 1573, 37-43.	1.1	15
21	L-DOPA reverses motor deficits associated with normal aging in mice. Neuroscience Letters, 2011, 489, 1-4.	1.0	13
22	Rapid activation of ERK by 6 $\alpha$ -hydroxydopamine promotes survival of dopaminergic cells. Journal of Neuroscience Research, 2008, 86, 108-117.	1.3	54
23	Neuroprotective role of ERK1/2 and ERK5 in a dopaminergic cell line under basal conditions and in response to oxidative stress. Journal of Neuroscience Research, 2006, 84, 1367-1375.	1.3	85
24	Role of extracellular signal regulated kinase $\alpha$ f5 in neuronal survival. FEBS Journal, 2004, 271, 2056-2059.	0.2	80
25	ERK5 activation of MEF2-mediated gene expression plays a critical role in BDNF-promoted survival of developing but not mature cortical neurons. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8532-8537.	3.3	148
26	Differential Regulation of Mitogen-Activated Protein Kinases ERK1/2 and ERK5 by Neurotrophins, Neuronal Activity, and cAMP in Neurons. Journal of Neuroscience, 2001, 21, 434-443.	1.7	180
27	Role of Glycogen Synthase Kinase-3 $\beta$ in Neuronal Apoptosis Induced by Trophic Withdrawal. Journal of Neuroscience, 2000, 20, 2567-2574.	1.7	439
28	Neuroprotection by Brain-derived Neurotrophic Factor Is Mediated by Extracellular Signal-regulated Kinase and Phosphatidylinositol 3-Kinase. Journal of Biological Chemistry, 1999, 274, 22569-22580.	1.6	506