

Raymond R Mattingly

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

676
citations

687363

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23
times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	Ras and Rap1: A tale of two GTPases. <i>Seminars in Cancer Biology</i> , 2019, 54, 29-39.	9.6	121
2	p21-Activated Kinase 1 Coordinates Aberrant Cell Survival and Pericellular Proteolysis in a Three-Dimensional Culture Model for Premalignant Progression of Human Breast Cancer. <i>Neoplasia</i> , 2008, 10, 314-IN1.	5.3	76
3	Il-6 signaling between ductal carcinoma in situ cells and carcinoma-associated fibroblasts mediates tumor cell growth and migration. <i>BMC Cancer</i> , 2015, 15, 584.	2.6	76
4	Three-Dimensional Overlay Culture Models of Human Breast Cancer Reveal a Critical Sensitivity to Mitogen-Activated Protein Kinase Kinase Inhibitors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 821-828.	2.5	72
5	The Mitogen-Activated Protein Kinase/Extracellular Signal-Regulated Kinase Kinase Inhibitor PD184352 (CI-1040) Selectively Induces Apoptosis in Malignant Schwannoma Cell Lines. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 456-465.	2.5	63
6	How to Target Activated Ras Proteins: Direct Inhibition vs. Induced Mislocalization. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 358-369.	2.4	44
7	Potent Suppression of Proliferation of A10 Vascular Smooth Muscle Cells by Combined Treatment with Lovastatin and 3-Allylfarnesol, an Inhibitor of Protein Farnesyltransferase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 303, 74-81.	2.5	40
8	MAME Models for 4D Live-cell Imaging of Tumor: Microenvironment Interactions that Impact Malignant Progression. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	36
9	In Vitro Models for Studying Invasive Transitions of Ductal Carcinoma In Situ. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2019, 24, 1-15.	2.7	29
10	Pathomimetic avatars reveal divergent roles of microenvironment in invasive transition of ductal carcinoma in situ. <i>Breast Cancer Research</i> , 2017, 19, 56.	5.0	24
11	Activated Ras as a Therapeutic Target: Constraints on Directly Targeting Ras Isoforms and Wild-Type versus Mutated Proteins. <i>ISRN Oncology</i> , 2013, 2013, 1-14.	2.1	21
12	Downregulation of Rap1Gap: A Switch from DCIS to Invasive Breast Carcinoma via ERK/MAPK Activation. <i>Neoplasia</i> , 2018, 20, 951-963.	5.3	18
13	Development of 3D culture models of plexiform neurofibroma and initial application for phenotypic characterization and drug screening. <i>Experimental Neurology</i> , 2018, 299, 289-298.	4.1	13
14	Mitogen-Activated Protein Kinase Signaling in Drug-Resistant Neuroblastoma Cells. , 2003, 218, 71-84.		10
15	Phosphorylation of rat kidney Na-K pump at Ser ⁹³⁸ is required for rapid angiotensin II-dependent stimulation of activity and trafficking in proximal tubule cells. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C227-C232.	4.6	10
16	Spatio-temporal modeling and live-cell imaging of proteolysis in the 4D microenvironment of breast cancer. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 445-454.	5.9	9
17	Breast Cancer: Proteolysis and Migration. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1152, 401-411.	1.6	9
18	Sprouty4 negatively regulates ERK/MAPK signaling and the transition from in situ to invasive breast ductal carcinoma. <i>PLoS ONE</i> , 2021, 16, e0252314.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Modeling Tumor: Lymphatic Interactions in Lymphatic Metastasis of Triple Negative Breast Cancer. <i>Cancers</i> , 2021, 13, 6044.	3.7	1
20	Angiotensin II increases the amount of Na,K-ATPase in the plasma membrane of proximal tubule cells by phosphorylation of the α 1 subunit at Ser943. <i>FASEB Journal</i> , 2007, 21, A1330.	0.5	0
21	Angiotensin II Increases Phosphorylation of the Na,K-ATPase at Ser943 Under the Physiological Conditions Associated with Stimulation of Activity. <i>FASEB Journal</i> , 2008, 22, 1158.17.	0.5	0
22	Angiotensin II rapidly stimulates the short-circuit current in opossum kidney cells expressing rat Na,K-ATPase. <i>FASEB Journal</i> , 2013, 27, 912.23.	0.5	0