

Lara Buscemi

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,018
citations

394421

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610901

24
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24
docs citations

24
times ranked

3533
citing authors

#	ARTICLE	IF	CITATIONS
1	Lactate Neuroprotection against Transient Ischemic Brain Injury in Mice Appears Independent of HCAR1 Activation. <i>Metabolites</i> , 2022, 12, 465.	2.9	7
2	Hydroxycarboxylic Acid Receptor 1 and Neuroprotection in a Mouse Model of Cerebral Ischemia-Reperfusion. <i>Frontiers in Physiology</i> , 2021, 12, 689239.	2.8	7
3	Involvement of caveolin-1 in neurovascular unit remodeling after stroke: Effects on neovascularization and astrogliosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 163-176.	4.3	39
4	Metabolic fingerprints discriminating severity of acute ischemia using in vivo high-field 1 H magnetic resonance spectroscopy. <i>Journal of Neurochemistry</i> , 2020, 152, 252-262.	3.9	2
5	Caveolin-1 Regulates Perivascular Aquaporin-4 Expression After Cerebral Ischemia. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 371.	3.7	22
6	Extended preclinical investigation of lactate for neuroprotection after ischemic stroke. <i>Clinical and Translational Neuroscience</i> , 2020, 4, 2514183X2090457.	0.9	15
7	Evaluating the potential of hyperpolarised [1-13C] L-lactate as a neuroprotectant metabolic biosensor for stroke. <i>Scientific Reports</i> , 2020, 10, 5507.	3.3	26
8	Spatio-temporal overview of neuroinflammation in an experimental mouse stroke model. <i>Scientific Reports</i> , 2019, 9, 507.	3.3	59
9	Homer1 Scaffold Proteins Govern Ca ²⁺ Dynamics in Normal and Reactive Astrocytes. <i>Cerebral Cortex</i> , 2017, 27, 2365-2384.	2.9	37
10	SUCLG2 identified as both a determinant of CSF A β 1-42 levels and an attenuator of cognitive decline in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2014, 23, 6644-6658.	2.9	45
11	Non-Invasive Diagnostic Biomarkers for Estimating the Onset Time of Permanent Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1848-1855.	4.3	20
12	Prestress in the extracellular matrix sensitizes latent TGF- β 1 for activation. <i>Journal of Cell Biology</i> , 2014, 207, 283-297.	5.2	184
13	The Nano-Scale Mechanical Properties of the Extracellular Matrix Regulate Dermal Fibroblast Function. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1862-1872.	0.7	207
14	Dynamic measurement of the height and volume of migrating cells by a novel fluorescence microscopy technique. <i>Lab on A Chip</i> , 2011, 11, 3855.	6.0	42
15	The Single-Molecule Mechanics of the Latent TGF- β 1 Complex. <i>Current Biology</i> , 2011, 21, 2046-2054.	3.9	214
16	Identification and functional response of interstitial Cajal-like cells from rat mesenteric artery. <i>Cell and Tissue Research</i> , 2011, 343, 509-519.	2.9	5
17	A new lock-step mechanism of matrix remodelling based on subcellular contractile events. <i>Journal of Cell Science</i> , 2010, 123, 1751-1760.	2.0	105
18	The covalent attachment of adhesion molecules to silicone membranes for cell stretching applications. <i>Biomaterials</i> , 2009, 30, 1781-1789.	11.4	114

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19	A Novel Method of Dynamic Culture Surface Expansion Improves Mesenchymal Stem Cell Proliferation and Phenotype. <i>Stem Cells</i> , 2009, 27, 200-209.	3.2	62
20	Human immunodeficiency virus type-1 protein Tat induces tumor necrosis factor- α -mediated neurotoxicity. <i>Neurobiology of Disease</i> , 2007, 26, 661-670.	4.4	64
21	Thrombin and histamine induce stiffening of alveolar epithelial cells. <i>Journal of Applied Physiology</i> , 2005, 98, 1567-1574.	2.5	59
22	Microrheology of Human Lung Epithelial Cells Measured by Atomic Force Microscopy. <i>Biophysical Journal</i> , 2003, 84, 2071-2079.	0.5	630
23	Oscillatory magnetic tweezers based on ferromagnetic beads and simple coaxial coils. <i>Review of Scientific Instruments</i> , 2003, 74, 4012-4020.	1.3	28
24	Static and Dynamic Upper Airway Obstruction in Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 659-663.	5.6	25