

Julia J Mack

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

906
citations

1039406

9
h-index

1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

1581
citing authors

#	ARTICLE	IF	CITATIONS
1	NOTCH1 is a mechanosensor in adult arteries. Nature Communications, 2017, 8, 1620.	5.8	205
2	FXR activation protects against NAFLD via bile-acid-dependent reductions in lipid absorption. Cell Metabolism, 2021, 33, 1671-1684.e4.	7.2	165
3	Endothelial Regeneration of Large Vessels Is a Biphasic Process Driven by Local Cells with Distinct Proliferative Capacities. Cell Stem Cell, 2018, 23, 210-225.e6.	5.2	147
4	NOTCH regulation of the endothelial cell phenotype. Current Opinion in Hematology, 2018, 25, 212-218.	1.2	118
5	Perivascular Macrophages Limit Permeability. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2203-2212.	1.1	97
6	Endothelial NOTCH1 is suppressed by circulating lipids and antagonizes inflammation during atherosclerosis. Journal of Experimental Medicine, 2015, 212, 2147-2163.	4.2	86
7	Treating the Intestine with Oral ApoA-I Mimetic Tg6F Reduces Tumor Burden in Mouse Models of Metastatic Lung Cancer. Scientific Reports, 2018, 8, 9032.	1.6	31
8	Endothelial Control of Cerebral Blood Flow. American Journal of Pathology, 2021, 191, 1906-1916.	1.9	25
9	Real-time maps of fluid flow fields in porous biomaterials. Biomaterials, 2013, 34, 1980-1986.	5.7	11
10	Oxidized phospholipids cause changes in jejunum mucus that induce dysbiosis and systemic inflammation. Journal of Lipid Research, 2022, 63, 100153.	2.0	8
11	Reproducible Arterial Denudation Injury by Infrarenal Abdominal Aortic Clamping in a Murine Model. Journal of Visualized Experiments, 2016, , .	0.2	4
12	4-D Flow Control in Porous Scaffolds: Toward a Next Generation of Bioreactors. IEEE Transactions on Biomedical Engineering, 2017, 64, 61-69.	2.5	3
13	Noninvasive Quantification of Cell Density in Three-Dimensional Gels by MRI. IEEE Transactions on Biomedical Engineering, 2019, 66, 821-830.	2.5	3
14	Vascular Injury in the Zebrafish Tail Modulates Blood Flow and Peak Wall Shear Stress to Restore Embryonic Circular Network. Frontiers in Cardiovascular Medicine, 2022, 9, 841101.	1.1	3
15	Mapping Cell Viability Quantitatively and Independently From Cell Density in 3D Gels Noninvasively. IEEE Transactions on Biomedical Engineering, 2021, 68, 2940-2947.	2.5	0