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List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,873
citations

567281

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h-index

940533

16
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17
docs citations

17
times ranked

3375
citing authors

#	ARTICLE	IF	CITATIONS
1	TREM2 Regulates Microglial Cholesterol Metabolism upon Chronic Phagocytic Challenge. <i>Neuron</i> , 2020, 105, 837-854.e9.	8.1	391
2	Tissue mechanics regulate brain development, homeostasis and disease. <i>Journal of Cell Science</i> , 2017, 130, 71-82.	2.0	243
3	Tissue Force Programs Cell Fate and Tumor Aggression. <i>Cancer Discovery</i> , 2017, 7, 1224-1237.	9.4	181
4	Tissue Mechanics Orchestrate Wnt-Dependent Human Embryonic Stem Cell Differentiation. <i>Cell Stem Cell</i> , 2016, 19, 462-475.	11.1	142
5	Alzheimer's-associated PLC β 2 is a signaling node required for both TREM2 function and the inflammatory response in human microglia. <i>Nature Neuroscience</i> , 2020, 23, 927-938.	14.8	142
6	Mechanical Control of Epithelial-to-Mesenchymal Transitions in Development and Cancer. <i>Annual Review of Cell and Developmental Biology</i> , 2016, 32, 527-554.	9.4	118
7	Integrin-mediated traction force enhances paxillin molecular associations and adhesion dynamics that increase the invasiveness of tumor cells into a three-dimensional extracellular matrix. <i>Molecular Biology of the Cell</i> , 2017, 28, 1467-1488.	2.1	110
8	A new era in functional genomics screens. <i>Nature Reviews Genetics</i> , 2022, 23, 89-103.	16.3	104
9	A tension-mediated glycocalyx-integrin feedback loop promotes mesenchymal-like glioblastoma. <i>Nature Cell Biology</i> , 2018, 20, 1203-1214.	10.3	103
10	Rescue of a lysosomal storage disorder caused by Grn loss of function with a brain penetrant progranulin biologic. <i>Cell</i> , 2021, 184, 4651-4668.e25.	28.9	97
11	Attenuation of extrinsic signaling reveals the importance of matrix remodeling on maintenance of embryonic stem cell self-renewal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 835-840.	7.1	83
12	Probing Embryonic Stem Cell Autocrine and Paracrine Signaling Using Microfluidics. <i>Annual Review of Analytical Chemistry</i> , 2012, 5, 293-315.	5.4	65
13	Understanding LRRK2 kinase activity in preclinical models and human subjects through quantitative analysis of LRRK2 and pT73-Rab10. <i>Scientific Reports</i> , 2021, 11, 12900.	3.3	32
14	Matrix Remodeling Maintains Embryonic Stem Cell Self-Renewal by Activating Stat3. <i>Stem Cells</i> , 2013, 31, 1097-1106.	3.2	26
15	Conformational Switching by the Scaffolding Protein D Directs the Assembly of Bacteriophage λ X174. <i>Molecular Cell</i> , 2004, 15, 991-997.	9.7	23
16	An Engineered DNA-Binding Protein Self-Assembles Metallic Nanostructures. <i>ChemBioChem</i> , 2010, 11, 2108-2112.	2.6	13