

Hamza Atcha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6027944/publications.pdf>

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7
papers

441
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanically activated ion channel Piezo1 modulates macrophage polarization and stiffness sensing. Nature Communications, 2021, 12, 3256.	12.8	176
2	YAP-mediated mechanotransduction tunes the macrophage inflammatory response. Science Advances, 2020, 6, .	10.3	127
3	Biophysical regulation of macrophages in health and disease. Journal of Leukocyte Biology, 2019, 106, 283-299.	3.3	79
4	Crosstalk Between CD11b and Piezo1 Mediates Macrophage Responses to Mechanical Cues. Frontiers in Immunology, 2021, 12, 689397.	4.8	34
5	A Low-Cost Mechanical Stretching Device for Uniaxial Strain of Cells: A Platform for Pedagogy in Mechanobiology. Journal of Biomechanical Engineering, 2018, 140, 081005-081005-9.	1.3	17
6	Ion channel mediated mechanotransduction in immune cells. Current Opinion in Solid State and Materials Science, 2021, 25, 100951.	11.5	7
7	Immunological considerations for heart valve replacements. , 2019, , 321-342.		1