

Arash Tajik

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

994
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

1888
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcription upregulation via force-induced direct stretching of chromatin. Nature Materials, 2016, 15, 1287-1296.	27.5	458
2	Matrix softness regulates plasticity of tumour-repopulating cells via H3K9 demethylation and Sox2 expression. Nature Communications, 2014, 5, 4619.	12.8	162
3	Distinct biophysical mechanisms of focal adhesion kinase mechanoactivation by different extracellular matrix proteins. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19372-19377.	7.1	155
4	Generation of organized germ layers from a single mouse embryonic stem cell. Nature Communications, 2014, 5, 4000.	12.8	104
5	E-Cadherin-mediated force transduction signals regulate global cell mechanics. Journal of Cell Science, 2016, 129, 1843-54.	2.0	66
6	Intrinsically high-Q dynamic AFM imaging in liquid with a significantly extended needle tip. Nanotechnology, 2012, 23, 235704.	2.6	32
7	Soft matrices downregulate FAK activity to promote growth of tumor-repopulating cells. Biochemical and Biophysical Research Communications, 2017, 483, 456-462.	2.1	11
8	Diffusion limited current in very high aspect ratio Pt needle electrodes. Applied Physics Letters, 2011, 99, 053113.	3.3	6