Florian Huber

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4088601/publications.pdf

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20 papers	1,472 citations	623734 14 h-index	752698 20 g-index
26 all docs	26 docs citations	26 times ranked	2003 citing authors

#	Article	IF	Citations
1	MEMO: Mass Spectrometry-Based Sample Vectorization to Explore Chemodiverse Datasets. Frontiers in Bioinformatics, 2022, 2, .	2.1	7
2	Advances in decomposing complex metabolite mixtures using substructure- and network-based computational metabolomics approaches. Natural Product Reports, 2021, 38, 1967-1993.	10.3	78
3	Spec2Vec: Improved mass spectral similarity scoring through learning of structural relationships. PLoS Computational Biology, 2021, 17, e1008724.	3.2	92
4	A community resource for paired genomic and metabolomic data mining. Nature Chemical Biology, 2021, 17, 363-368.	8.0	81
5	MS2DeepScore: a novel deep learning similarity measure to compare tandem mass spectra. Journal of Cheminformatics, 2021, 13, 84.	6.1	51
6	Actin networks voltage circuits. Physical Review E, 2020, 101, 052314.	2.1	5
7	matchms - processing and similarity evaluation of mass spectrometry data.. Journal of Open Source Software, 2020, 5, 2411.	4.6	48
8	Computing on actin bundles network. Scientific Reports, 2019, 9, 15887.	3.3	11
9	Actin droplet machine. Royal Society Open Science, 2019, 6, 191135.	2.4	4
10	GGIR: A Research Communityâ€“Driven Open Source R Package for Generating Physical Activity and Sleep Outcomes From Multi-Day Raw Accelerometer Data. Journal for the Measurement of Physical Behaviour, 2019, 2, 188-196.	0.8	391
11	Formation of regularly spaced networks as a general feature of actin bundle condensation by entropic forces. New Journal of Physics, 2015, 17, 043029.	2.9	24
12	Cytoskeletal crosstalk: when three different personalities team up. Current Opinion in Cell Biology, 2015, 32, 39-47.	5.4	223
13	Actinâ€“microtubule coordination at growing microtubule ends. Nature Communications, 2014, 5, 4778.	12.8	126
14	In Vitro Reconstitution of Dynamic Microtubules Interacting with Actin Filament Networks. Methods in Enzymology, 2014, 540, 301-320.	1.0	24
15	Emergent complexity of the cytoskeleton: from single filaments to tissue. Advances in Physics, 2013, 62, 1-112.	14.4	182
16	Counterion-induced formation of regular actin bundle networks. Soft Matter, 2012, 8, 931-936.	2.7	33
17	Robust Organizational Principles of Protrusive Biopolymer Networks in Migrating Living Cells. PLoS ONE, 2011, 6, e14471.	2.5	15
18	Selfâ€regulative organization of the cytoskeleton. Cytoskeleton, 2011, 68, 259-265.	2.0	10

#	Article	IF	Citations
19	THE CYTOSKELETON: AN ACTIVE POLYMER-BASED SCAFFOLD. Biophysical Reviews and Letters, 2009, 04, 179-208.	0.8	4
20	Growing Actin Networks Form Lamellipodium and Lamellum by Self-Assembly. Biophysical Journal, 2008, 95, 5508-5523.	0.5	49