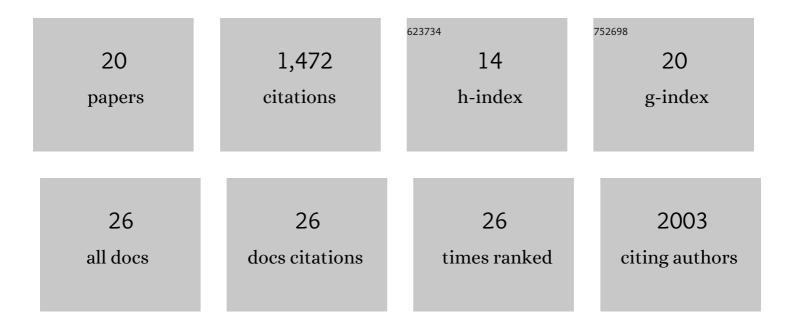
Florian Huber

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4088601/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	GGIR: A Research Community–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
2	Cytoskeletal crosstalk: when three different personalities team up. Current Opinion in Cell Biology, 2015, 32, 39-47.	5.4	223
3	Emergent complexity of the cytoskeleton: from single filaments to tissue. Advances in Physics, 2013, 62, 1-112.	14.4	182
4	Actin–microtubule coordination at growing microtubule ends. Nature Communications, 2014, 5, 4778.	12.8	126
5	Spec2Vec: Improved mass spectral similarity scoring through learning of structural relationships. PLoS Computational Biology, 2021, 17, e1008724.	3.2	92
6	A community resource for paired genomic and metabolomic data mining. Nature Chemical Biology, 2021, 17, 363-368.	8.0	81
7	Advances in decomposing complex metabolite mixtures using substructure- and network-based computational metabolomics approaches. Natural Product Reports, 2021, 38, 1967-1993.	10.3	78
8	MS2DeepScore: a novel deep learning similarity measure to compare tandem mass spectra. Journal of Cheminformatics, 2021, 13, 84.	6.1	51
9	Growing Actin Networks Form Lamellipodium and Lamellum by Self-Assembly. Biophysical Journal, 2008, 95, 5508-5523.	0.5	49
10	matchms - processing and similarity evaluation of mass spectrometry data Journal of Open Source Software, 2020, 5, 2411.	4.6	48
11	Counterion-induced formation of regular actin bundle networks. Soft Matter, 2012, 8, 931-936.	2.7	33
12	In Vitro Reconstitution of Dynamic Microtubules Interacting with Actin Filament Networks. Methods in Enzymology, 2014, 540, 301-320.	1.0	24
13	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
14	Robust Organizational Principles of Protrusive Biopolymer Networks in Migrating Living Cells. PLoS ONE, 2011, 6, e14471.	2.5	15
15	Computing on actin bundles network. Scientific Reports, 2019, 9, 15887.	3.3	11
16	Selfâ€regulative organization of the cytoskeleton. Cytoskeleton, 2011, 68, 259-265.	2.0	10
17	MEMO: Mass Spectrometry-Based Sample Vectorization to Explore Chemodiverse Datasets. Frontiers in Bioinformatics, 2022, 2, .	2.1	7
18	Actin networks voltage circuits. Physical Review E, 2020, 101, 052314.	2.1	5

#	Article	IF	CITATIONS
19	THE CYTOSKELETON: AN ACTIVE POLYMER-BASED SCAFFOLD. Biophysical Reviews and Letters, 2009, 04, 179-208.	0.8	4
20	Actin droplet machine. Royal Society Open Science, 2019, 6, 191135.	2.4	4