

# Florian Huber

## List of Publications by Year in descending order

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

Version: 2024-02-01

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	GGIR: A Research Community-Driven Open Source R Package for Generating Physical Activity and Sleep Outcomes From Multi-Day Raw Accelerometer Data. <i>Journal for the Measurement of Physical Behaviour</i> , 2019, 2, 188-196.	0.8	391
2	Cytoskeletal crosstalk: when three different personalities team up. <i>Current Opinion in Cell Biology</i> , 2015, 32, 39-47.	5.4	223
3	Emergent complexity of the cytoskeleton: from single filaments to tissue. <i>Advances in Physics</i> , 2013, 62, 1-112.	14.4	182
4	Actin-microtubule coordination at growing microtubule ends. <i>Nature Communications</i> , 2014, 5, 4778.	12.8	126
5	Spec2Vec: Improved mass spectral similarity scoring through learning of structural relationships. <i>PLoS Computational Biology</i> , 2021, 17, e1008724.	3.2	92
6	A community resource for paired genomic and metabolomic data mining. <i>Nature Chemical Biology</i> , 2021, 17, 363-368.	8.0	81
7	Advances in decomposing complex metabolite mixtures using substructure- and network-based computational metabolomics approaches. <i>Natural Product Reports</i> , 2021, 38, 1967-1993.	10.3	78
8	MS2DeepScore: a novel deep learning similarity measure to compare tandem mass spectra. <i>Journal of Cheminformatics</i> , 2021, 13, 84.	6.1	51
9	Growing Actin Networks Form Lamellipodium and Lamellum by Self-Assembly. <i>Biophysical Journal</i> , 2008, 95, 5508-5523.	0.5	49
10	matchms - processing and similarity evaluation of mass spectrometry data.. <i>Journal of Open Source Software</i> , 2020, 5, 2411.	4.6	48
11	Counterion-induced formation of regular actin bundle networks. <i>Soft Matter</i> , 2012, 8, 931-936.	2.7	33
12	In Vitro Reconstitution of Dynamic Microtubules Interacting with Actin Filament Networks. <i>Methods in Enzymology</i> , 2014, 540, 301-320.	1.0	24
13	Formation of regularly spaced networks as a general feature of actin bundle condensation by entropic forces. <i>New Journal of Physics</i> , 2015, 17, 043029.	2.9	24
14	Robust Organizational Principles of Protrusive Biopolymer Networks in Migrating Living Cells. <i>PLoS ONE</i> , 2011, 6, e14471.	2.5	15
15	Computing on actin bundles network. <i>Scientific Reports</i> , 2019, 9, 15887.	3.3	11
16	Self-regulative organization of the cytoskeleton. <i>Cytoskeleton</i> , 2011, 68, 259-265.	2.0	10
17	MEMO: Mass Spectrometry-Based Sample Vectorization to Explore Chemodiverse Datasets. <i>Frontiers in Bioinformatics</i> , 2022, 2, .	2.1	7
18	Actin networks voltage circuits. <i>Physical Review E</i> , 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