

# Raimund Schläpfer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8977393/publications.pdf>

Version: 2024-02-01

11  
papers

926  
citations

1163117

8  
h-index

1372567

10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlative all-optical quantification of mass density and mechanics of subcellular compartments with fluorescence specificity. <i>ELife</i> , 2022, 11, .	6.0	37
2	<i>In vivo</i> assessment of mechanical properties during axolotl development and regeneration using confocal Brillouin microscopy. <i>Open Biology</i> , 2022, 12, .	3.6	6
3	PNIPAAm microgels with defined network architecture as temperature sensors in optical stretchers. <i>Materials Advances</i> , 2022, 3, 6179-6190.	5.4	5
4	Mapping Tumor Spheroid Mechanics in Dependence of 3D Microenvironment Stiffness and Degradability by Brillouin Microscopy. <i>Cancers</i> , 2021, 13, 5549.	3.7	23
5	RNA-Induced Conformational Switching and Clustering of G3BP Drive Stress Granule Assembly by Condensation. <i>Cell</i> , 2020, 181, 346-361.e17.	28.9	557
6	Intracellular Mass Density Increase Is Accompanying but Not Sufficient for Stiffening and Growth Arrest of Yeast Cells. <i>Frontiers in Physics</i> , 2018, 6, .	2.1	23
7	Droplet-Assisted Microfluidic Fabrication and Characterization of Multifunctional Polysaccharide Microgels Formed by Multicomponent Reactions. <i>Polymers</i> , 2018, 10, 1055.	4.5	32
8	Axonal Transport, Phase-Separated Compartments, and Neuron Mechanics - A New Approach to Investigate Neurodegenerative Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 358.	3.7	10
9	Standardized microgel beads as elastic cell mechanical probes. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6245-6261.	5.8	78
10	Mechanical Mapping of Spinal Cord Growth and Repair in Living Zebrafish Larvae by Brillouin Imaging. <i>Biophysical Journal</i> , 2018, 115, 911-923.	0.5	133
11	Amoeboid-like migration ensures correct horizontal cell layer formation in the developing vertebrate retina. <i>ELife</i> , 0, 11, .	6.0	9