

# Michael Weber

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1440915/publications.pdf>

Version: 2024-02-01

15  
papers

1,639  
citations

687363

13  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phototoxicity in live fluorescence microscopy, and how to avoid it. <i>BioEssays</i> , 2017, 39, 1700003.	2.5	320
2	OpenSPIM: an open-access light-sheet microscopy platform. <i>Nature Methods</i> , 2013, 10, 598-599.	19.0	312
3	High-resolution reconstruction of the beating zebrafish heart. <i>Nature Methods</i> , 2014, 11, 919-922.	19.0	226
4	Multilayer mounting enables long-term imaging of zebrafish development in a light sheet microscope. <i>Development (Cambridge)</i> , 2012, 139, 3242-3247.	2.5	225
5	High-speed panoramic light-sheet microscopy reveals global endodermal cell dynamics. <i>Nature Communications</i> , 2013, 4, 2207.	12.8	161
6	Light sheet microscopy for real-time developmental biology. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 566-572.	3.3	146
7	Light sheet microscopy. <i>Methods in Cell Biology</i> , 2014, 123, 193-215.	1.1	76
8	Cell-accurate optical mapping across the entire developing heart. <i>ELife</i> , 2017, 6, .	6.0	48
9	Multilayer Mounting for Long-term Light Sheet Microscopy of Zebrafish. <i>Journal of Visualized Experiments</i> , 2014, , e51119.	0.3	28
10	In vivo imaging of cardiac development and function in zebrafish using light sheet microscopy. <i>Swiss Medical Weekly</i> , 2015, 145, w14227.	1.6	25
11	Omnidirectional microscopy. <i>Nature Methods</i> , 2012, 9, 656-657.	19.0	22
12	Alternative Incorporation Procedure of Quantum Dots in Polymer Microspheres. <i>Chemistry of Materials</i> , 2010, 22, 4912-4918.	6.7	16
13	eduSPIM: Light Sheet Microscopy in the Museum. <i>PLoS ONE</i> , 2016, 11, e0161402.	2.5	9
14	Software Framework for Controlling Unsupervised Scientific Instruments. <i>PLoS ONE</i> , 2016, 11, e0161671.	2.5	1
15	Multidisciplinarity Is Critical to Unlock the Full Potential of Modern Light Microscopy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 739015.	3.7	1