

# Michael Weber

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15 papers	1,130 citations	12 h-index	20 g-index
20 ext. papers	1,443 ext. citations	8.8 avg, IF	4.46 L-index

#	Paper	IF	Citations
15	OpenSPIM: an open-access light-sheet microscopy platform. <i>Nature Methods</i> , <b>2013</b> , 10, 598-9	21.6	215
14	Multilayer mounting enables long-term imaging of zebrafish development in a light sheet microscope. <i>Development (Cambridge)</i> , <b>2012</b> , 139, 3242-7	6.6	172
13	Phototoxicity in live fluorescence microscopy, and how to avoid it. <i>BioEssays</i> , <b>2017</b> , 39, 1700003	4.1	163
12	High-resolution reconstruction of the beating zebrafish heart. <i>Nature Methods</i> , <b>2014</b> , 11, 919-22	21.6	153
11	High-speed panoramic light-sheet microscopy reveals global endodermal cell dynamics. <i>Nature Communications</i> , <b>2013</b> , 4, 2207	17.4	127
10	Light sheet microscopy for real-time developmental biology. <i>Current Opinion in Genetics and Development</i> , <b>2011</b> , 21, 566-72	4.9	109
9	Light sheet microscopy. <i>Methods in Cell Biology</i> , <b>2014</b> , 123, 193-215	1.8	60
8	Cell-accurate optical mapping across the entire developing heart. <i>ELife</i> , <b>2017</b> , 6,	8.9	39
7	In vivo imaging of cardiac development and function in zebrafish using light sheet microscopy. <i>Swiss Medical Weekly</i> , <b>2015</b> , 145, w14227	3.1	19
6	Multilayer mounting for long-term light sheet microscopy of zebrafish. <i>Journal of Visualized Experiments</i> , <b>2014</b> , e51119	1.6	18
5	Alternative Incorporation Procedure of Quantum Dots in Polymer Microspheres. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 4912-4918	9.6	13
4	eduSPIM: Light Sheet Microscopy in the Museum. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161402	3.7	8
3	Light Sheet Microscopy <b>2017</b> , 243-265		2
2	Software Framework for Controlling Unsupervised Scientific Instruments. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161671	3.7	1
1	Multidisciplinarity Is Critical to Unlock the Full Potential of Modern Light Microscopy. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 739015	5.7	