Michael Weber

List of Publications by Year in Descending Order

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