

# Alex Small

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10857742/publications.pdf>

Version: 2024-02-01

14  
papers

363  
citations

1684188

5  
h-index

1474206

9  
g-index

15  
all docs

15  
docs citations

15  
times ranked

659  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorophore localization algorithms for super-resolution microscopy. Nature Methods, 2014, 11, 267-279.	19.0	288
2	Scattering properties of core-shell particles in plastic matrices. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 3534-3548.	2.1	25
3	Fast maximum likelihood algorithm for localization of fluorescent molecules. Optics Letters, 2012, 37, 413.	3.3	22
4	Multifluorophore localization as a percolation problem: limits to density and precision. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, B21.	1.5	9
5	Optimal acquisition scheme for subwavelength localization microscopy of bleachable fluorophores. Optics Letters, 2011, 36, 289.	3.3	7
6	Model of bleaching and acquisition for superresolution microscopy controlled by a single wavelength. Biomedical Optics Express, 2011, 2, 2934.	2.9	3
7	The Role of Image Analysis Algorithms in Super-resolution Localization Microscopy. , 2014, , 227-242.		2
8	Delocalization of classical waves in highly anisotropic random media. Physical Review E, 2007, 75, 016617.	2.1	1
9	Scientific Python for Both Expert and Novice Programmers. Computing in Science and Engineering, 2012, 14, 6-7.	1.2	1
10	Brief: goodbye to a quirky perspective on science. Nature, 2006, 444, 31-31.	27.8	0
11	Optimal acquisition scheme for subwavelength localization microscopy of bleachable fluorophores: erratum. Optics Letters, 2011, 36, 3057.	3.3	0
12	Fast maximum likelihood algorithm for localization of fluorescent molecules: erratum. Optics Letters, 2012, 37, 1967.	3.3	0
13	Optimal acquisition schemes for superresolution localization microscopy of bleachable fluorophores. , 2012, , .		0
14	Stochastic modeling of tumor induced angiogenesis in a heterogeneous medium, the extracellular matrix. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0