

# Jeffrey Squier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1220240/publications.pdf>

Version: 2024-02-01

19  
papers

132  
citations

1478505

6  
h-index

1474206

9  
g-index

20  
all docs

20  
docs citations

20  
times ranked

158  
citing authors

#	ARTICLE	IF	CITATIONS
1	A pragmatic guide to multiphoton microscope design. <i>Advances in Optics and Photonics</i> , 2015, 7, 276.	25.5	40
2	High-throughput linear optical stretcher for mechanical characterization of blood cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 391-397.	1.5	19
3	Two-phase displacements in microchannels of triangular cross-section. <i>Journal of Colloid and Interface Science</i> , 2017, 507, 234-241.	9.4	17
4	Investigating low salinity waterflooding via glass micromodels with triangular pore-throat architectures. <i>Fuel</i> , 2021, 283, 119264.	6.4	15
5	Wavelength-multiplexed single-shot ptychography. <i>Ultramicroscopy</i> , 2022, 233, 113418.	1.9	13
6	Single-pixel fluorescent diffraction tomography. <i>Optica</i> , 2020, 7, 1617.	9.3	10
7	Fourier computed tomographic imaging of two dimensional fluorescent objects. <i>APL Photonics</i> , 2019, 4, .	5.7	9
8	Simultaneous multi-dimensional spatial frequency modulation imaging. <i>International Journal of Optomechatronics</i> , 2020, 14, 1-17.	6.6	7
9	Analytical expressions and simplified formulas for GVD and TOD of reflection grism compressors. , 2008, , .		1
10	The Fabrication of Plagioclase Feldspar Microdevices: An Experimental Tool for Pore-scale Mineral Dissolution Studies. <i>Water Resources Research</i> , 2020, 56, e2020WR027737.	4.2	1
11	Two-photon absorption fluorescence imaging to characterize microfluidic device performance. , 2006, , .		0
12	Linear, Spatio-Temporal Characterization of UV Microscope Objectives for Nonlinear Imaging and Spectroscopy. , 2007, , .		0
13	Linear, spatio-temporal characterization of UV microscope objectives for nonlinear imaging and spectroscopy. , 2007, , .		0
14	Integrated, all-optical, particle characterization and sorting in microfluidic systems. , 2007, , .		0
15	Coherent Anti-Stokes Raman Scattering (CARS) microscopy for three-dimensional flow characterization in microfluidics. , 2008, , .		0
16	Compact, rapid cell deformability measurements using diode laser bar optical trapping in microfluidics. , 2008, , .		0
17	Simultaneous spatial and temporal focusing for tissue ablation. , 2014, , .		0
18	Plasmon-less Raman enhancement mechanism induced by dense networks of nanoparticles produced by femtosecond lasers. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Analysis of Anorthite Dissolution on the Submicrometer Scale. Microscopy and Microanalysis, 2018, 24, 2058-2059.	0.4	0