

# Sean P O'connor

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2545312/publications.pdf>

Version: 2024-02-01

19  
papers

91  
citations

1684188

5  
h-index

1872680

6  
g-index

19  
all docs

19  
docs citations

19  
times ranked

109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Picosecond supercontinuum generation in large mode area photonic crystal fibers for coherent anti-Stokes Raman scattering microspectroscopy. <i>Scientific Reports</i> , 2018, 8, 9526.	3.3	32
2	Z-scan measurements of water from 1150 to 1400 nm. <i>Optics Letters</i> , 2018, 43, 4196.	3.3	16
3	Eye safety implications of high harmonic generation in zinc selenide. <i>Optics Express</i> , 2019, 27, 2828.	3.4	11
4	Filamentation in Atmospheric Air with Tunable 1100–2400 nm Near-Infrared Femtosecond Laser Source. <i>Scientific Reports</i> , 2019, 9, 12049.	3.3	7
5	Transient absorption spectroscopy to explore cellular pathways to photobiomodulation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 222, 112271.	3.8	5
6	Impulsive stimulated Brillouin spectroscopy for assessing viscoelastic properties of biologically relevant aqueous solutions. , 2021, , .		3
7	Mammalian complex III heme dynamics studied with pump-probe spectroscopy and red light illuminations. <i>Biomedical Optics Express</i> , 2021, 12, 7082.	2.9	3
8	Measuring cytochrome c redox state using resonance Raman spectroscopy to determine metabolic rates in electron transport chain when exposed to light. , 2019, , .		3
9	Impulsive stimulated Brillouin spectroscopy for non-invasive microfluidic-based viscoelastic measurements in vitro. , 2021, , .		2
10	Supercontinuum generation in large-mode-area photonic crystal fibers for coherent Raman microspectroscopy. , 2018, , .		2
11	Nonlinear optical properties of water from 1150 nm to 1400 nm. , 2019, , .		2
12	Investigation of reaction mechanisms of cytochrome c and mitochondria with transient absorption spectroscopy. , 2019, , .		2
13	Visible supercontinuum generation from a tunable mid-infrared laser. , 2018, , .		1
14	Photon absorption in the mitochondria: Potential immediate and early events associated with photobiomodulation. , 2019, , .		1
15	Rainbow from nowhere (Conference Presentation). , 2018, , .		1
16	(Re)defining sensitivity of chemical imaging. , 2019, , .		0
17	Kernel principle component analysis applied to Raman spectra to differentiate drugs administered to rabbit cornea in blind study. , 2020, , .		0
18	Compressed hyperspectral Raman microscope for imaging tissues and cellular structures. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Femtosecond transient absorption spectroscopy to study the effects of low irradiance light on cytochrome c and cytochrome c reductase. , 2020, , .		0