# Sean P O'connor

List of Publications by Year
in descending order



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

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Rainbow from nowhere (Conference Presentation). , 2018, , . | | 1 |