

Robert Alfano

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

443
citations

1040056

9
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

708
citing authors

#	ARTICLE	IF	CITATIONS
1	Transmission in near-infrared optical windows for deep brain imaging. Journal of Biophotonics, 2016, 9, 38-43.	2.3	258
2	Transmission of classically entangled beams through mouse brain tissue. Journal of Biophotonics, 2018, 11, e201800096.	2.3	39
3	Terahertz spectroscopy of brain tissue from a mouse model of Alzheimer's disease. Journal of Biomedical Optics, 2016, 21, 015014.	2.6	29
4	Distinguishing metastatic triple-negative breast cancer from nonmetastatic breast cancer using second harmonic generation imaging and resonance Raman spectroscopy. Journal of Biophotonics, 2020, 13, e202000005.	2.3	24
5	Resonance Raman scattering of β -carotene solution excited by visible laser beams into second singlet state. Journal of Photochemistry and Photobiology B: Biology, 2018, 179, 18-22.	3.8	20
6	Invited Article: Molecular biomarkers characterization for human brain glioma grading using visible resonance Raman spectroscopy. APL Photonics, 2018, 3, .	5.7	20
7	Propagation of Gaussian and Laguerre-Gaussian vortex beams through mouse brain tissue. Journal of Biophotonics, 2017, 10, 1756-1760.	2.3	17
8	Alzheimer mouse brain tissue measured by time resolved fluorescence spectroscopy using single- and multi-photon excitation of label free native molecules. Journal of Biophotonics, 2018, 11, e201600318.	2.3	14
9	Majorana vortex photons a form of entangled photons propagation through brain tissue. Journal of Biophotonics, 2019, 12, e201900036.	2.3	13
10	Higher harmonic and supercontinuum generation arising from electronic self-phase modulation under ultrafast laser pulses for various states of matter. Optik, 2021, 247, 167872.	2.9	6
11	Hybrid solar cells of micro/mesoporous Zn(OH) ₂ and its graphite composites sensitized by CdSe quantum dots. Journal of Photonics for Energy, 2014, 4, 043098.	1.3	3
12	Terahertz Resonances in the Dielectric Response Due to Second Order Phonons in a GaSe Crystal. Materials Research Society Symposia Proceedings, 2006, 935, 1.	0.1	0
13	Optical Properties of Heavily Doped n-type CdSe Quantum Dots for Intersubband Device Applications. Materials Research Society Symposia Proceedings, 2006, 959, 1.	0.1	0
14	Majorana-like Photons from Vector Vortex Beams of Classically Entangled Photons Propagating through Brain. , 2019, , .		0