

Raanan Gad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11487824/publications.pdf>

Version: 2024-02-01

17
papers

147
citations

1478505

6
h-index

1372567

10
g-index

17
all docs

17
docs citations

17
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced detection limit by dark mode perturbation in 2D photonic crystal slab refractive index sensors. <i>Optics Express</i> , 2013, 21, 31698.	3.4	45
2	Imaging brain activity during seizures in freely behaving rats using a miniature multi-modal imaging system. <i>Biomedical Optics Express</i> , 2016, 7, 3596.	2.9	25
3	Laser speckle contrast imaging with extended depth of field for in-vivo tissue imaging. <i>Biomedical Optics Express</i> , 2014, 5, 123.	2.9	24
4	Reducing misfocus-related motion artefacts in laser speckle contrast imaging. <i>Biomedical Optics Express</i> , 2015, 6, 266.	2.9	11
5	Numerical Experiments on Matching Vacuum Transmission Lines to Loads. <i>IEEE Transactions on Plasma Science</i> , 2009, 37, 50-57.	1.3	8
6	Refractive-index-based ultrasound sensing with photonic crystal slabs. <i>Optics Letters</i> , 2019, 44, 2609.	3.3	8
7	Applying a different approach to pulsed high-voltage insulation. , 2010, , .		4
8	The flow dynamics along non-uniform self magnetically insulated transmission lines. , 2011, , .		4
9	Flow Dynamics Along Complex Magnetically Insulated Transmission Lines. <i>IEEE Transactions on Plasma Science</i> , 2012, 40, 1878-1883.	1.3	4
10	Tailoring of spectral response and spatial field distribution with corrugated photonic crystal slab. <i>Optics Letters</i> , 2015, 40, 3715.	3.3	4
11	Regular Charged Particle Flow in Pulsed-Power-Driven Nonuniform Transmission Lines. <i>IEEE Transactions on Plasma Science</i> , 2009, 37, 568-574.	1.3	3
12	On the dynamics of the flow along cylindrical self magnetically insulated vacuum transmission lines. , 2011, , .		3
13	Real-time ultrasound sensing with a mode-optimized photonic crystal slab. <i>Optics Letters</i> , 2021, 46, 3372.	3.3	2
14	Ultrasound Sensing with a Photonic Crystal Slab. , 2018, , .		1
15	An Integrated Broadband Ultrasound Sensor based on a Photonic Crystal Slab. , 2019, , .		1
16	Transition from two dimensional photonic crystal slab to one dimensional corrugated grating. , 2015, , .		0
17	Sensitizing an all-optical ultrasound sensor with a polymer overlayer. , 2020, , .		0