

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