

Constantine Sideris

List of Publications by Year in descending order

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16
papers

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citations

1307594

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1281871

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17
all docs

17
docs citations

17
times ranked

421
citing authors

#	ARTICLE	IF	CITATIONS
1	Foundry-fabricated grating coupler demultiplexer inverse-designed via fast integral methods. Communications Physics, 2022, 5, .	5.3	7
2	Planewave Density Interpolation Methods for the EFIE on Simple and Composite Surfaces. IEEE Transactions on Antennas and Propagation, 2021, 69, 317-331.	5.1	1
3	A Chebyshev-Based High-Order-Accurate Integral Equation Solver for Maxwell's Equations. IEEE Transactions on Antennas and Propagation, 2021, 69, 5790-5800.	5.1	8
4	High-Order Accurate Integral Equation Based Mode Solver for Layered Nanophotonic Waveguides. , 2021, , .		0
5	High mobility large area single crystal III-V thin film templates directly grown on amorphous SiO ₂ on silicon. Applied Physics Letters, 2020, 117, .	3.3	5
6	Monolithic High-Mobility InAs on Oxide Grown at Low Temperature. ACS Applied Electronic Materials, 2020, 2, 1997-2002.	4.3	3
7	Nonlinear nanophotonic devices in the ultraviolet to visible wavelength range. Nanophotonics, 2020, 9, 3781-3804.	6.0	23
8	Ultrafast Simulation and Optimization of Nanophotonic Devices with Integral Equation Methods. ACS Photonics, 2019, 6, 3233-3240.	6.6	18
9	A 0.3ppm dual-resonance transformer-based drift-cancelling reference-free magnetic sensor for biosensing applications. , 2018, , .		4
10	Design and Implementation of Reference-Free Drift-Cancelling CMOS Magnetic Sensors for Biosensing Applications. IEEE Journal of Solid-State Circuits, 2018, 53, 3065-3075.	5.4	18
11	Binary particle swarm optimized 2 nd - nd power splitters in a standard foundry silicon photonic platform. Optics Letters, 2016, 41, 3868.	3.3	74
12	Automated design of a 3D printed waveguide surface coupler. , 2015, , .		2
13	Design and Implementation of an Integrated Magnetic Spectrometer for Multiplexed Biosensing. IEEE Transactions on Biomedical Circuits and Systems, 2013, 7, 773-784.	4.0	13
14	An integrated magnetic spectrometer for multiplexed biosensing. , 2013, , .		10
15	A frequency-shift based CMOS magnetic biosensor with spatially uniform sensor transducer gain. , 2010, , .		14
16	A CMOS Broadband Power Amplifier With a Transformer-Based High-Order Output Matching Network. IEEE Journal of Solid-State Circuits, 2010, 45, 2709-2722.	5.4	163