

Muhammad Fayyaz Kashif

List of Publications by Year in descending order

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14
papers

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1937685

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2053705

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docs citations

14
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47
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-Based Cylindrical Pillar Gratings for Polarization-Insensitive Optical Absorbers. Applied Sciences (Switzerland), 2019, 9, 2528.	2.5	11
2	High transmission from 2D periodic plasmonic finite arrays with sub-20 nm gaps realized with Ga focused ion beam milling. Nanotechnology, 2020, 31, 435301.	2.6	11
3	Plasmonics on a Neural Implant: Engineering Light-Matter Interactions on the Nonplanar Surface of Tapered Optical Fibers. Advanced Optical Materials, 2022, 10, .	7.3	9
4	Maximum power point tracking for single stage grid-connected PV system under partial shading conditions. , 2012, , .		5
5	Design of vanadium-dioxide-based resonant structures for tunable optical response. Optics Letters, 2022, 47, 2286.	3.3	4
6	Holographic Manipulation of Nanostructured Fiber Optics Enables Spatially-Resolved, Reconfigurable Optical Control of Plasmonic Local Field Enhancement and SERS. Small, 2022, 18, e2200975.	10.0	3
7	A multilevel inverter topology with reduced number of switches. , 2016, , .		2
8	A Nanoantenna-MIM Diode-Lens Device Concept for Infrared Energy Harvesting. Lecture Notes in Networks and Systems, 2019, , 169-176.	0.7	1
9	Plasmonic Nanostructures on Curved Surfaces for Fiber-Based Sensors. , 2020, , .		1
10	Thermal Tuning of Resonant Gratings Using a Phase-Change Material. , 2020, , .		0
11	Tuning the optical response of a dielectric grating using vanadium-dioxide as a phase-change material. , 2021, , .		0
12	Optical Properties of Finite Subsets of FIB-Milled 2D Periodic Arrays of Gold Nanoplatelets with Sub-20-nm Gaps. , 2020, , .		0
13	Segmented-Wave Analysis of Nano-Gratings on Curved Surfaces. , 2020, , .		0
14	Plasmonic brain implants for the next generation of nano-optical neural interfaces. , 2022, , .		0