

Dean Kos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2269051/publications.pdf>

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9
papers

504
citations

1478505
6
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

971
citing authors

#	ARTICLE	IF	CITATIONS
1	Trapping plasmonic nanoparticles with MHz electric fields. <i>Applied Physics Letters</i> , 2022, 120, 203303.	3.3	1
2	Quantum Tunneling Induced Optical Rectification and Plasmon-Enhanced Photocurrent in Nanocavity Molecular Junctions. <i>ACS Nano</i> , 2021, 15, 14535-14543.	14.6	26
3	Real-time in situ optical tracking of oxygen vacancy migration in memristors. <i>Nature Electronics</i> , 2020, 3, 687-693.	26.0	43
4	Optical probes of molecules as nano-mechanical switches. <i>Nature Communications</i> , 2020, 11, 5905.	12.8	20
5	A Light-Switchable Liquid Metamaterial Mirror. <i>Advanced Optical Materials</i> , 2020, 8, 2000396.	7.3	0
6	Quantized conductance of one-dimensional strongly correlated electrons in an oxide heterostructure. <i>Physical Review B</i> , 2019, 99, .	3.2	3
7	Quantum electrodynamics at room temperature coupling a single vibrating molecule with a plasmonic nanocavity. <i>Nature Communications</i> , 2019, 10, 1049.	12.8	114
8	Electrically Controlled Nano and Micro Actuation in Memristive Switching Devices with On-Chip Gas Encapsulation. <i>Small</i> , 2018, 14, e1801599.	10.0	7
9	Strong-coupling of WSe ₂ in ultra-compact plasmonic nanocavities at room temperature. <i>Nature Communications</i> , 2017, 8, 1296.	12.8	290