

Nuttawut Kongsuwan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

522
citations

840776

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996975

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16
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppressed Quenching and Strong-Coupling of Purcell-Enhanced Single-Molecule Emission in Plasmonic Nanocavities. ACS Photonics, 2018, 5, 186-191.	6.6	137
2	Mapping Nanoscale Hotspots with Single-Molecule Emitters Assembled into Plasmonic Nanocavities Using DNA Origami. Nano Letters, 2018, 18, 405-411.	9.1	126
3	Quantum Plasmonic Immunoassay Sensing. Nano Letters, 2019, 19, 5853-5861.	9.1	55
4	Plasmonic Nanocavity Modes: From Near-Field to Far-Field Radiation. ACS Photonics, 2020, 7, 463-471.	6.6	53
5	Cascaded nanooptics to probe microsecond atomic-scale phenomena. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14819-14826.	7.1	27
6	Nanoscopy through a plasmonic nanolens. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2275-2281.	7.1	24
7	Room-temperature plexcitonic strong coupling: Ultrafast dynamics for quantum applications. Applied Physics Letters, 2021, 118, .	3.3	21
8	Tailoring the Third-Order Nonlinear Optical Property of a Hybrid Semiconductor Quantum Dot-Metal Nanoparticle: From Saturable to Fano-Enhanced Absorption. Journal of Physical Chemistry Letters, 2019, 10, 7594-7602.	4.6	18
9	Controlled Cavity-Free, Single-Photon Emission and Bipartite Entanglement of Near-Field-Excited Quantum Emitters. Nano Letters, 2020, 20, 5830-5836.	9.1	14
10	Fluorescence enhancement and strong-coupling in faceted plasmonic nanocavities. EPJ Applied Metamaterials, 2018, 5, 6.	1.5	12
11	Pseudopotential for the two-dimensional contact interaction. Physical Review A, 2016, 93, .	2.5	11
12	Simulation of nanocolumn formation in a plasma environment. Journal of Applied Physics, 2015, 117, 014305.	2.5	7
13	Near-Field Generation and Control of Ultrafast, Multipartite Entanglement for Quantum Nanoplasmonic Networks. Nano Letters, 2022, 22, 2801-2808.	9.1	7
14	Control of Plexcitonic Strong Coupling via Substrate-Mediated Hotspot Nanoengineering. Advanced Optical Materials, 2022, 10, .	7.3	6
15	Morphology dependence of nanoparticle-on-mirror geometries: A quasinormal mode analysis. EPJ Applied Metamaterials, 2022, 9, 3.	1.5	4
16	Dynamic Entanglement and Photon Antibunching using Near-Field-Excited Quantum Emitters. , 2021, , .		0