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List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,060
citations

933447

10
h-index

1281871

11
g-index

19
all docs

19
docs citations

19
times ranked

1816
citing authors

#	ARTICLE	IF	CITATIONS
1	Local Heating with Lithographically Fabricated Plasmonic Titanium Nitride Nanoparticles. Nano Letters, 2013, 13, 6078-6083.	9.1	253
2	Roadmap on plasmonics. Journal of Optics (United Kingdom), 2018, 20, 043001.	2.2	240
3	Long-range and rapid transport of individual nano-objects by a hybrid electrothermoplasmonic nanotweezer. Nature Nanotechnology, 2016, 11, 53-59.	31.5	231
4	Stand-off trapping and manipulation of sub-10 μ m objects and biomolecules using opto-thermo-electrohydrodynamic tweezers. Nature Nanotechnology, 2020, 15, 908-913.	31.5	91
5	Plasmonicsâ€”turning loss into gain. Science, 2016, 351, 334-335.	12.6	73
6	Nanoparticle Trapping in a Quasi-BIC System. ACS Photonics, 2021, 8, 1961-1971.	6.6	58
7	High-Resolution Large-Ensemble Nanoparticle Trapping with Multifunctional Thermoplasmonic Nanohole Metasurface. ACS Nano, 2018, 12, 5376-5384.	14.6	47
8	Development of Optical Metasurfaces: Emerging Concepts and New Materials. Proceedings of the IEEE, 2016, 104, 2270-2287.	21.3	27
9	Electrothermoplasmonic Trapping and Dynamic Manipulation of Single Colloidal Nanodiamond. Nano Letters, 2021, 21, 4921-4927.	9.1	21
10	Optofluidic control using plasmonic TiN bowtie nanoantenna. Optical Materials Express, 2019, 9, 953.	3.0	16
11	A pump-less discrete opto-fluidic chemical spectrophotometry system (DOCSS) for online in situ monitoring of dissolved contaminants in aqueous media. Journal of Water Supply: Research and Technology - AQUA, 2014, 63, 560-569.	1.4	1
12	Versatile nanoparticle manipulation with designer thermoplasmonic metasurface. , 2018, , .		0
13	Single sub-10 nm biomolecule manipulation enabled by opto-thermo-electrohydrodynamic tweezers. , 2021, , .		0
14	Controlled Rapid Delivery and On-Chip Trapping of Nanoparticles by a Hybrid Electrothermoplasmonic Nanotweezer. , 2016, , .		0
15	Massive Parallel Positioning of Nanodiamonds on Nanophotonic Structures. , 2017, , .		0
16	On-chip Trapping of Protein and Nanoparticles Using Thermoplasmonic Nanohole Metasurface. , 2019, , .		0
17	On-chip Nano-object Trapping with Conjugate Optical and Thermophoretic Force. , 2021, , .		0
18	Nanoparticle trapping using quasi-BIC modes. , 2021, , .		0