

Domna G Kotsifaki

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

366
citations

933447

10
h-index

996975

15
g-index

29
all docs

29
docs citations

29
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of temperature-induced effects generated by plasmonic nanostructures on particle delivery and manipulation: a review. <i>Nanophotonics</i> , 2022, 11, 2199-2218.	6.0	15
2	Giant optical forces using an array of asymmetric split-ring plasmonic nanostructures. , 2021, , .		1
3	Analysis of small microplastics in coastal surface water samples of the subtropical island of Okinawa, Japan. <i>Science of the Total Environment</i> , 2021, 760, 143927.	8.0	41
4	Raman optical tweezers for microplastic pollution identification in the surface waters of Okinawa. , 2021, , .		0
5	Dynamic multiple nanoparticle trapping using metamaterial plasmonic tweezers. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	25
6	Fast and efficient nanoparticle trapping using plasmonic connected nanoring apertures. <i>Nanotechnology</i> , 2021, 32, 025507.	2.6	16
7	Detection and analysis of microplastics in the subtropical ocean of Okinawa using micro-Raman Optical Tweezers. , 2021, , .		2
8	Fano-Resonant, Asymmetric, Metamaterial-Assisted Tweezers for Single Nanoparticle Trapping. <i>Nano Letters</i> , 2020, 20, 3388-3395.	9.1	52
9	Nanometric plasmonic optical trapping on gold nanostructures. <i>EPJ Applied Physics</i> , 2019, 86, 30501.	0.7	10
10	Plasmonic optical tweezers based on nanostructures: fundamentals, advances and prospects. <i>Nanophotonics</i> , 2019, 8, 1227-1245.	6.0	101
11	Plasmonic annular aperture arrays for nanoparticle manipulation. , 2019, , .		1
12	Biophotonics for imaging and cell manipulation: quo vadis?. , 2017, , .		1
13	Geometrical effect characterization of femtosecond-laser manufactured glass microfluidic chips based on optical manipulation of submicroparticles. <i>Optical Engineering</i> , 2017, 56, 1.	1.0	3
14	Plasmon enhanced optical tweezers with gold-coated black silicon. <i>Scientific Reports</i> , 2016, 6, 26275.	3.3	34
15	Near-field enhanced optical tweezers utilizing femtosecond-laser nanostructured substrates. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	19
16	Efficient and low cost multiple optical trap, based on interference. <i>Optik</i> , 2013, 124, 617-621.	2.9	9
17	Near infrared optical tweezers and nanosecond ablation on yeast and algae cells. <i>Proceedings of SPIE</i> , 2013, , .	0.8	2
18	Optical tweezers with enhanced efficiency based on laser-structured substrates. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	14

#	ARTICLE	IF	CITATIONS
19	Micromanipulation of cells and microparticles using optical fibers. , 2011, , .		0
20	Mid-infrared radiation transmission through fluoride glass multimode optical fibers. Optics and Laser Technology, 2011, 43, 1448-1452.	4.6	12
21	Paper surface modification by lasers. , 2010, , .		0
22	Fibers and fiber end sealing caps for Er:YAG laser ablation. , 2010, , .		0
23	Pulsed infrared radiation transmission through hollow silica waveguides. Optics and Laser Technology, 2009, 41, 365-373.	4.6	6
24	Optical tweezers and manipulation of PMMA beads in various conditions. , 2009, , .		0
25	Radiation pressure effects in diamond structure and III-V semiconductors. , 2008, , .		0
26	<title>Ultra-violet laser microbeam and optical trapping for cell micromanipulation</title>. , 2007, , .		2