

Gediminas Gervinskas

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,322
citations

567281

15
h-index

610901

24
g-index

29
all docs

29
docs citations

29
times ranked

2011
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene encapsulation enables vitreous ice sample for APT and near-atomic reconstruction of nanoparticle-liquid interface. <i>Microscopy and Microanalysis</i> , 2021, 27, 1270-1271.	0.4	0
2	Nanoscale coating on tip geometry by cryogenic focused ion beam deposition. <i>Applied Surface Science</i> , 2021, 564, 150355.	6.1	6
3	Antifungal versus antibacterial defence of insect wings. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 886-897.	9.4	27
4	Ion-Induced Bending with Applications for High-Resolution Electron Imaging of Nanometer-Sized Samples. <i>ACS Applied Nano Materials</i> , 2021, 4, 12745-12754.	5.0	3
5	Three-Dimensional Chemical Mapping of a Single Protein in the Hydrated State with Atom Probe Tomography. <i>Analytical Chemistry</i> , 2020, 92, 5168-5177.	6.5	15
6	Nano-proximity direct ion beam writing. <i>Nanofabrication</i> , 2016, 2, .	1.1	10
7	Versatile SERS sensing based on black silicon. <i>Optics Express</i> , 2015, 23, 6763.	3.4	71
8	Plasmonic color analysis of Ag-coated black-Si SERS substrate. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 30461-30467.	2.8	20
9	Three-dimensional nanostructuring of polymer materials by controlled avalanche using femtosecond laser pulses. <i>Proceedings of SPIE</i> , 2014, , .	0.8	3
10	Phase Transformation in Laser-Induced Micro-Explosion in Olivine (Fe,Mg) ₂ SiO ₄ . <i>Advanced Engineering Materials</i> , 2014, 16, 767-773.	3.5	16
11	THz photomixer with milled nanoelectrodes on LT-GaAs. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 117, 439-444.	2.3	5
12	Nanotopography as a trigger for the microscale, autogenous and passive lysis of erythrocytes. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2819-2826.	5.8	45
13	Chiral plasmonic nanostructures: experimental and numerical tools. , 2013, , .		9
14	Topological Shaping of Light by Closed-Path Nanoslits. <i>Physical Review Letters</i> , 2013, 111, 193901.	7.8	63
15	Bactericidal activity of black silicon. <i>Nature Communications</i> , 2013, 4, 2838.	12.8	731
16	Arrays of Arbitrarily Shaped Nanoparticles: Overlay-Errorless Direct Ion Write. <i>Advanced Optical Materials</i> , 2013, 1, 456-459.	7.3	15
17	Surface-enhanced Raman scattering sensing on black silicon. <i>Annalen Der Physik</i> , 2013, 525, 907-914.	2.4	55
18	High-spatial-resolution mapping of superhydrophobic cicada wing surface chemistry using infrared microspectroscopy and infrared imaging at two synchrotron beamlines. <i>Journal of Synchrotron Radiation</i> , 2013, 20, 482-489.	2.4	24

#	ARTICLE	IF	CITATIONS
19	Black silicon: substrate for laser 3D micro/nano-polymerization. Optics Express, 2013, 21, 6901.	3.4	67
20	Control of surface charge for high-fidelity nanostructuring of materials. Laser and Photonics Reviews, 2013, 7, 1049-1053.	8.7	16
21	Ion-beam and plasma etching of a conical-pores photonic crystal for thin-film solar cell. Proceedings of SPIE, 2013, , .	0.8	2
22	3D nano-structures for laser nano-manipulation. Beilstein Journal of Nanotechnology, 2013, 4, 534-541.	2.8	18
23	High-irradiance effects in femosecond laser fabrication. MATEC Web of Conferences, 2013, 8, 04002.	0.2	0
24	Optofluidic Fabry-Pérot sensor for water solutions at high flow rates. Optical Materials Express, 2012, 2, 279.	3.0	11
25	Tailoring plasmonic field enhancement in spatial and spectral domains. , 2012, , .		1
26	Spatial Variations and Temporal Metastability of the Self-Cleaning and Superhydrophobic Properties of Damselfly Wings. Langmuir, 2012, 28, 17404-17409.	3.5	55
27	Highly selective trapping of enteropathogenic E. coli on Fabry-Pérot sensor mirrors. Biosensors and Bioelectronics, 2012, 35, 369-375.	10.1	12
28	High-precision interferometric monitoring of polymer swelling in an one-dollar optofluidic sensor. , 2011, , .		0
29	High-precision interferometric monitoring of polymer swelling using a simple optofluidic sensor. Sensors and Actuators B: Chemical, 2011, 159, 39-43.	7.8	22