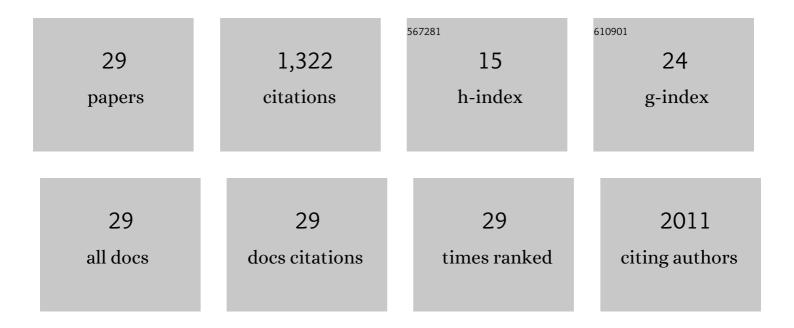
## Gediminas Gervinskas

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Bactericidal activity of black silicon. Nature Communications, 2013, 4, 2838.	12.8	731
2	Versatile SERS sensing based on black silicon. Optics Express, 2015, 23, 6763.	3.4	71
3	Black silicon: substrate for laser 3D micro/nano-polymerization. Optics Express, 2013, 21, 6901.	3.4	67
4	Topological Shaping of Light by Closed-Path Nanoslits. Physical Review Letters, 2013, 111, 193901.	7.8	63
5	Spatial Variations and Temporal Metastability of the Self-Cleaning and Superhydrophobic Properties of Damselfly Wings. Langmuir, 2012, 28, 17404-17409.	3.5	55
6	Surfaceâ€enhanced Raman scattering sensing on black silicon. Annalen Der Physik, 2013, 525, 907-914.	2.4	55
7	Nanotopography as a trigger for the microscale, autogenous and passive lysis of erythrocytes. Journal of Materials Chemistry B, 2014, 2, 2819-2826.	5.8	45
8	Antifungal versus antibacterial defence of insect wings. Journal of Colloid and Interface Science, 2021, 603, 886-897.	9.4	27
9	High-spatial-resolution mapping of superhydrophobic cicada wing surface chemistry using infrared microspectroscopy and infrared imaging at two synchrotron beamlines. Journal of Synchrotron Radiation, 2013, 20, 482-489.	2.4	24
10	High-precision interferometric monitoring of polymer swelling using a simple optofluidic sensor. Sensors and Actuators B: Chemical, 2011, 159, 39-43.	7.8	22
11	Plasmonic color analysis of Ag-coated black-Si SERS substrate. Physical Chemistry Chemical Physics, 2015, 17, 30461-30467.	2.8	20
12	3D nano-structures for laser nano-manipulation. Beilstein Journal of Nanotechnology, 2013, 4, 534-541.	2.8	18
13	Control of surface charge for highâ€fidelity nanostructuring of materials. Laser and Photonics Reviews, 2013, 7, 1049-1053.	8.7	16
14	Phase Transformation in Laserâ€Induced Microâ€Explosion in Olivine (Fe,Mg) <sub>2</sub> SiO <sub>4</sub> . Advanced Engineering Materials, 2014, 16, 767-773.	3.5	16
15	Arrays of Arbitrarily Shaped Nanoparticles: Overlayâ€Errorless Direct Ion Write. Advanced Optical Materials, 2013, 1, 456-459.	7.3	15
16	Three-Dimensional Chemical Mapping of a Single Protein in the Hydrated State with Atom Probe Tomography. Analytical Chemistry, 2020, 92, 5168-5177.	6.5	15
17	Highly selective trapping of enteropathogenic E. coli on Fabry–Pérot sensor mirrors. Biosensors and Bioelectronics, 2012, 35, 369-375.	10.1	12
18	Optofluidic Fabry-Pérot sensor for water solutions at high flow rates. Optical Materials Express, 2012, 2, 279.	3.0	11

#	Article	IF	CITATIONS
19	Nano-proximity direct ion beam writing. Nanofabrication, 2016, 2, .	1.1	10
20	Chiral plasmonic nanostructures: experimental and numerical tools. , 2013, , .		9
21	Nanoscale coating on tip geometry by cryogenic focused ion beam deposition. Applied Surface Science, 2021, 564, 150355.	6.1	6
22	THz photomixer with milled nanoelectrodes on LT-GaAs. Applied Physics A: Materials Science and Processing, 2014, 117, 439-444.	2.3	5
23	Three-dimensional nanostructuring of polymer materials by controlled avalanche using femtosecond laser pulses. Proceedings of SPIE, 2014, , .	0.8	3
24	Ion-Induced Bending with Applications for High-Resolution Electron Imaging of Nanometer-Sized Samples. ACS Applied Nano Materials, 2021, 4, 12745-12754.	5.0	3
25	Ion-beam and plasma etching of a conical-pores photonic crystal for thin-film solar cell. Proceedings of SPIE, 2013, , .	0.8	2
26	Tailoring plasmonic field enhancement in spatial and spectral domains. , 2012, , .		1
27	High-precision interferometric monitoring of polymer swelling in an one-dollar optofluidic sensor. , 2011, , .		0
28	High-irradiance effects in femosecond laser fabrication. MATEC Web of Conferences, 2013, 8, 04002.	0.2	0
29	Graphene encapsulation enables vitreous ice sample for APT and near-atomic reconstruction of nanoparticle-liquid interface. Microscopy and Microanalysis, 2021, 27, 1270-1271.	0.4	Ο