

Simonas IndriÅ«nas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3693026/publications.pdf>

Version: 2024-02-01

23
papers

262
citations

933447

10
h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser Processing of Transparent Wafers with a AlGaIn/GaN Heterostructures and High-Electron Mobility Devices on a Backside. <i>Micromachines</i> , 2021, 12, 407.	2.9	4
2	Effect of Laser Processing on Surface Properties of Additively Manufactured 18-Percent Nickel Maraging Steel Parts. <i>Coatings</i> , 2020, 10, 600.	2.6	5
3	AlGaIn/GaN on SiC Devices without a GaN Buffer Layer: Electrical and Noise Characteristics. <i>Micromachines</i> , 2020, 11, 1131.	2.9	19
4	Direct and High-Throughput Fabrication of Mie-Resonant Metasurfaces via Single-Pulse Laser Interference. <i>ACS Nano</i> , 2020, 14, 6138-6149.	14.6	34
5	Laser-induced spatially-selective tailoring of high-index dielectric metasurfaces. <i>Optics Express</i> , 2020, 28, 1539.	3.4	14
6	Laser-Ablated Silicon in the Frequency Range From 0.1 to 4.7 THz. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2019, 9, 581-586.	3.1	3
7	Surface Laser Processing of Additive Manufactured 1.2709 Steel Parts: Preliminary Study. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-9.	1.8	6
8	Laser-processed diffractive lenses for the frequency range of 47 THz. <i>Optics Letters</i> , 2019, 44, 1210.	3.3	16
9	Flexible materials for terahertz optics: advantages of graphite-based structures. <i>Optical Materials Express</i> , 2019, 9, 4438.	3.0	12
10	Laser-processed diffractive optics for terahertz waves. , 2019, , .		1
11	Fibonacci subterahertz imaging: features and applications. , 2019, , .		0
12	Nanoscale thermal diffusion during the laser interference ablation using femto-, pico-, and nanosecond pulses in silicon. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 12166-12174.	2.8	35
13	Laser-Ablated Antireflective Structures for Terahertz Radiation Focusing. , 2018, , .		1
14	Focusing of Terahertz Radiation With Laser-Ablated Antireflective Structures. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2018, 8, 541-548.	3.1	17
15	Processing of ultra-hard materials with picosecond pulses: From research work to industrial applications. <i>Journal of Laser Applications</i> , 2018, 30, 032202.	1.7	8
16	Compact diffractive optics for THz imaging. <i>Lithuanian Journal of Physics</i> , 2018, 58, .	0.4	11
17	New opportunities for custom-shape patterning using polarization control in confocal laser beam interference setup. <i>Journal of Laser Applications</i> , 2017, 29, .	1.7	20
18	Laser processing for precise fabrication of the THz optics. <i>Proceedings of SPIE</i> , 2017, , .	0.8	6

#	ARTICLE	IF	CITATIONS
19	Thermo-chemical microstructuring of thin metal films using multi-beam interference by short (nano-) Tj ETQq1 1 0.784314 rgBT /Overbo	1.8	17
20	Direct laser beam interference patterning technique for fast high aspect ratio surface structuring. Proceedings of SPIE, 2015, , .	0.8	9
21	Application of Laser Texturing in Silicon Solar Cell Technology. Medziagotyra, 2014, 20, .	0.2	2
22	Two complementary ways of thin-metal-film patterning using laser beam interference and direct ablation. Journal of Micromechanics and Microengineering, 2013, 23, 095034.	2.6	22
23	Micro-channel drilling of Ni and Pt films on silicon by using laser beam interference ablation for solid oxide fuel cells. , 2011, , .		0