Ngoc Diep Lai

List of Publications by Year
in descending order

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36 papers	600 citations	759233 12 h-index	610901 24 g-index
42 all docs	42 docs citations	42 times ranked	686 citing authors

#	Article	IF	Citations
1	Fabrication of two- and three-dimensional periodic structures by multi-exposure of two-beam interference technique. Optics Express, 2005, 13, 9605.	3.4	186
2	Submicrometer 3D structures fabrication enabled by one-photon absorption direct laser writing. Optics Express, 2013, 21, 20964.	3.4	92
3	One-step fabrication of submicrostructures by low one-photon absorption direct laser writing technique with local thermal effect. Journal of Applied Physics, 2016, 119, .	2.5	29
4	Direct laser writing of polymeric nanostructures via optically induced local thermal effect. Applied Physics Letters, 2016, 108, .	3.3	26
5	Concept for three-dimensional optical addressing by ultralow one-photon absorption method. Optics Letters, 2013, 38, 4640.	3.3	23
6	Optical lithography of three-dimensional magnetophotonic microdevices. Optical Engineering, 2018, 57, 1.	1.0	22
7	Influence of annealing temperature on physical properties and photocatalytic ability of g-C 3 N 4 nanosheets synthesized through urea polymerization in Ar atmosphere. Physica B: Condensed Matter, 2018, 532, 48-53.	2.7	20
8	Enhancement of Rhodamine B Degradation by Ag Nanoclusters-Loaded g-C3N4 Nanosheets. Polymers, 2018, 10, 633.	4.5	20
9	Rapid direct laser writing of desired plasmonic nanostructures. Optics Letters, 2017, 42, 2382.	3.3	19
10	Direct Laser Writing of Magneto-Photonic Sub-Microstructures for Prospective Applications in Biomedical Engineering. Nanomaterials, 2017, 7, 105.	4.1	18
11	Influence of incident beam polarization on intensity and polarization distributions of tight focusing spot. International Journal of Higher Education Management, 2015, 1, 4-10.	1.3	15
12	High Directional Radiation of Single Photon Emission in a Dielectric Antenna. ACS Photonics, 2019, 6, 3024-3031.	6.6	15
13	Direct Laser Writing of Gold Nanostructures: Application to Data Storage and Color Nanoprinting. Plasmonics, 2018, 13, 2285-2291.	3.4	13
14	Fabrication of desired three-dimensional structures byÂholographic assembly technique. Applied Physics A: Materials Science and Processing, 2010, 100, 171-175.	2.3	10
15	High aspect ratio submicrometer two-dimensional structures fabricated by one-photon absorption direct laser writing. Microsystem Technologies, 2014, 20, 2097-2102.	2.0	10
16	Nano-patterning of gold thin film by thermal annealing combined with laser interference techniques. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	10
17	Fabrication and Characterization of Large-Area Unpatterned and Patterned Plasmonic Gold Nanostructures. Journal of Electronic Materials, 2016, 45, 2347-2353.	2.2	10
18	Photostability and long-term preservation of a colloidal semiconductor-based single photon emitter in polymeric photonic structures. Nanoscale Advances, 2019, 1, 3225-3231.	4.6	10

#	Article	IF	Citations
19	Suppression of grey state and optimization of the single photon emission of a colloidal semiconductor at room temperature. Applied Physics Letters, 2018, 113, .	3.3	7
20	Deterministic Insertion of KTP Nanoparticles into Polymeric Structures for Efficient Second-Harmonic Generation. Crystals, 2019, 9, 365.	2.2	5
21	Magnetically tunable organic semiconductors with superparamagnetic nanoparticles. Materials Horizons, 2019, 6, 1913-1922.	12.2	5
22	Fabrication of periodic nanovein structures by holography lithography technique. Optics Express, 2009, 17, 3362.	3.4	4
23	LOPA-based direct laser writing of multi-dimensional and multi-functional photonic submicrostructures. Proceedings of SPIE, 2017, , .	0.8	4
24	Realization of Desired Plasmonic Structures via a Direct Laser Writing Technique. Journal of Electronic Materials, 2017, 46, 3695-3701.	2.2	4
25	Controllable movement of single-photon source in multifunctional magneto-photonic structures. Scientific Reports, 2020, 10, 4843.	3.3	4
26	Direct fabrication and characterization of gold nanohole arrays. Optics Express, 2021, 29, 29841.	3.4	4
27	Optimization of thickness and uniformity of photonic structures fabricated by interference lithography. Applied Physics A: Materials Science and Processing, 2013, 111, 297-302.	2.3	3
28	An Optimization of Two-Dimensional Photonic Crystals at Low Refractive Index Material. Crystals, 2019, 9, 442.	2.2	3
29	Elaboration and characterization of nanoporous SU-8 template using PMMA as porogen. Journal of Porous Materials, 2021, 28, 813-823.	2.6	3
30	Coupling of a single active nanoparticle to a polymer-based photonic structure. Journal of Science: Advanced Materials and Devices, 2016, 1, 18-30.	3.1	2
31	Direct laser coding of plasmonic nanostructures for data storage applications. , 2018, , .		1
32	Coupling of a single photon source based on a colloidal semiconductor nanocrystal into polymer-based photonic structures. , 2018, , .		1
33	Mask lithography of 2D fluorescent magneto-photonic microstructures for biomedical and quantum applications. , 2019, , .		1
34	Deterministic embedding of a single gold nanoparticle into polymeric microstructures by direct laser writing technique. Proceedings of SPIE, 2016, , .	0.8	0
35	One-Photon Absorption-Based Direct Laser Writing of Three- Dimensional Photonic Crystals. , 2018, , .		0
36	Arbitrary Form Plasmonic Structures: Optical Realization, Numerical Analysis and Demonstration Applications. , 2018, , .		0