

Wlodek Strupinski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11486343/publications.pdf>

Version: 2024-02-01

33
papers

1,807
citations

361413

20
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

2817
citing authors

#	ARTICLE	IF	CITATIONS
1	Production and processing of graphene and related materials. 2D Materials, 2020, 7, 022001.	4.4	333
2	Residual Metallic Contamination of Transferred Chemical Vapor Deposited Graphene. ACS Nano, 2015, 9, 4776-4785.	14.6	250
3	Thulium-doped all-fiber laser mode-locked by CVD-graphene/PMMA saturable absorber. Optics Express, 2013, 21, 12797.	3.4	113
4	Sub-90 fs a stretched-pulse mode-locked fiber laser based on a graphene saturable absorber. Optics Express, 2015, 23, 27503.	3.4	91
5	Multilayer graphene-based saturable absorbers with scalable modulation depth for mode-locked Er- and Tm-doped fiber lasers. Optical Materials Express, 2015, 5, 2884.	3.0	87
6	Graphene growth on Ge(100)/Si(100) substrates by CVD method. Scientific Reports, 2016, 6, 21773.	3.3	83
7	All-polarization maintaining, graphene-based femtosecond Tm-doped all-fiber laser. Optics Express, 2015, 23, 9339.	3.4	77
8	All-fiber Ho-doped mode-locked oscillator based on a graphene saturable absorber. Optics Letters, 2016, 41, 2592.	3.3	73
9	Properties of Chemical Vapor Deposition Graphene Transferred by High-Speed Electrochemical Delamination. Journal of Physical Chemistry C, 2013, 117, 20833-20837.	3.1	72
10	Passive synchronization of erbium and thulium doped fiber mode-locked lasers enhanced by common graphene saturable absorber. Optics Express, 2014, 22, 5536.	3.4	70
11	Negative Kerr Nonlinearity of Graphene as seen via Chirped-Pulse-Pumped Self-Phase Modulation. Physical Review Applied, 2016, 6, .	3.8	68
12	Graphene's nonlinear-optical physics revealed through exponentially growing self-phase modulation. Nature Communications, 2018, 9, 2675.	12.8	67
13	Simultaneous mode-locking at 1565 nm and 1944 nm in fiber laser based on common graphene saturable absorber. Optics Express, 2013, 21, 18994.	3.4	65
14	Amplification of noise-like pulses generated from a graphene-based Tm-doped all-fiber laser. Optics Express, 2016, 24, 20359.	3.4	60
15	Fabrication and applications of multi-layer graphene stack on transparent polymer. Applied Physics Letters, 2017, 110, .	3.3	46
16	Touch-mode capacitive pressure sensor with graphene-polymer heterostructure membrane. 2D Materials, 2018, 5, 015025.	4.4	28
17	Step-edge-induced resistance anisotropy in quasi-free-standing bilayer chemical vapor deposition graphene on SiC. Journal of Applied Physics, 2014, 116, .	2.5	27
18	Influence of Au doping on electrical properties of CVD graphene. Carbon, 2016, 100, 625-631.	10.3	26

#	ARTICLE	IF	CITATIONS
19	Laser ablation- and plasma etching-based patterning of graphene on silicon-on-insulator waveguides. Optics Express, 2015, 23, 26639.	3.4	23
20	260 fs and 1 nJ pulse generation from a compact, mode-locked Tm-doped fiber laser. Optics Express, 2015, 23, 31446.	3.4	23
21	Power Scaling of an All-PM Fiber Er-Doped Mode-Locked Laser Based on Graphene Saturable Absorber. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 60-65.	2.9	20
22	Electrical Homogeneity Mapping of Epitaxial Graphene on Silicon Carbide. ACS Applied Materials & Interfaces, 2018, 10, 31641-31647.	8.0	20
23	Substrate-Induced Variances in Morphological and Structural Properties of MoS ₂ Grown by Chemical Vapor Deposition on Epitaxial Graphene and SiO ₂ . ACS Applied Materials & Interfaces, 2020, 12, 45101-45110.	8.0	20
24	Growth of Graphene Layers on Silicon Carbide. Materials Science Forum, 0, 615-617, 199-202.	0.3	15
25	Hydrogen intercalation of CVD graphene on germanium (001) – Strain and doping analysis using Raman spectroscopy. Applied Surface Science, 2019, 473, 203-208.	6.1	13
26	Optical-quality controllable wet-chemical doping of graphene through a uniform, transparent and low-roughness F4-TCNQ/MEK layer. RSC Advances, 2016, 6, 104491-104501.	3.6	10
27	Chemical-Vapor-Deposited Graphene as a Thermally Conducting Coating. ACS Applied Nano Materials, 2019, 2, 2621-2633.	5.0	9
28	Non-contact mobility measurements of graphene on silicon carbide. Microelectronic Engineering, 2019, 212, 9-12.	2.4	8
29	Voltage contrast X-ray photoelectron spectroscopy reveals graphene-substrate interaction in graphene devices fabricated on the C- and Si- faces of SiC. Applied Physics Letters, 2015, 107, 121603.	3.3	6
30	Suspended graphene on germanium: selective local etching via laser-induced photocorrosion of germanium. 2D Materials, 2021, 8, 035043.	4.4	3
31	Dual-wavelength fiber mode-locked laser based on graphene saturable absorber. Proceedings of SPIE, 2014, , .	0.8	1
32	Patterning of graphene on silicon-on-insulator waveguides through laser ablation and plasma etching. , 2016, , .		0
33	Sub-100 fs All-PM Er-doped Soliton Mode-Locked Fiber Oscillator Based on Graphene Saturable Absorber. , 2016, , .		0