

# 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	Suspended graphene on germanium: selective local etching via laser-induced photocorrosion of germanium. 2D Materials, 2021, 8, 035043.	4.4	3
2	Substrate-Induced Variances in Morphological and Structural Properties of MoS <sub>2</sub> Grown by Chemical Vapor Deposition on Epitaxial Graphene and SiO <sub>2</sub> . ACS Applied Materials & Interfaces, 2020, 12, 45101-45110.	8.0	20
3	Production and processing of graphene and related materials. 2D Materials, 2020, 7, 022001.	4.4	333
4	Chemical-Vapor-Deposited Graphene as a Thermally Conducting Coating. ACS Applied Nano Materials, 2019, 2, 2621-2633.	5.0	9
5	Non-contact mobility measurements of graphene on silicon carbide. Microelectronic Engineering, 2019, 212, 9-12.	2.4	8
6	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
7	Touch-mode capacitive pressure sensor with graphene-polymer heterostructure membrane. 2D Materials, 2018, 5, 015025.	4.4	28
8	Graphene's nonlinear-optical physics revealed through exponentially growing self-phase modulation. Nature Communications, 2018, 9, 2675.	12.8	67
9	Electrical Homogeneity Mapping of Epitaxial Graphene on Silicon Carbide. ACS Applied Materials & Interfaces, 2018, 10, 31641-31647.	8.0	20
10	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
11	Fabrication and applications of multi-layer graphene stack on transparent polymer. Applied Physics Letters, 2017, 110, .	3.3	46
12	Amplification of noise-like pulses generated from a graphene-based Tm-doped all-fiber laser. Optics Express, 2016, 24, 20359.	3.4	60
13	Patterning of graphene on silicon-on-insulator waveguides through laser ablation and plasma etching., 2016, , .		0
14	Graphene growth on Ge(100)/Si(100) substrates by CVD method. Scientific Reports, 2016, 6, 21773.	3.3	83
15	All-fiber Ho-doped mode-locked oscillator based on a graphene saturable absorber. Optics Letters, 2016, 41, 2592.	3.3	73
16	Negative Kerr Nonlinearity of Graphene as seen via Chirped-Pulse-Pumped Self-Phase Modulation. Physical Review Applied, 2016, 6, .	3.8	68
17	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
18	Influence of Au doping on electrical properties of CVD graphene. Carbon, 2016, 100, 625-631.	10.3	26

#	ARTICLE	IF	CITATIONS
19	Sub-100 fs All-PM Er-doped Soliton Mode-Locked Fiber Oscillator Based on Graphene Saturable Absorber. , 2016, , .		0
20	Laser ablation- and plasma etching-based patterning of graphene on silicon-on-insulator waveguides. Optics Express, 2015, 23, 26639.	3.4	23
21	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
22	260 fs and 1 nJ pulse generation from a compact, mode-locked Tm-doped fiber laser. Optics Express, 2015, 23, 31446.	3.4	23
23	Sub-90 fs a stretched-pulse mode-locked fiber laser based on a graphene saturable absorber. Optics Express, 2015, 23, 27503.	3.4	91
24	Residual Metallic Contamination of Transferred Chemical Vapor Deposited Graphene. ACS Nano, 2015, 9, 4776-4785.	14.6	250
25	All-polarization maintaining, graphene-based femtosecond Tm-doped all-fiber laser. Optics Express, 2015, 23, 9339.	3.4	77
26	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
27	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
28	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
29	Dual-wavelength fiber mode-locked laser based on graphene saturable absorber. Proceedings of SPIE, 2014, , .	0.8	1
30	Properties of Chemical Vapor Deposition Graphene Transferred by High-Speed Electrochemical Delamination. Journal of Physical Chemistry C, 2013, 117, 20833-20837.	3.1	72
31	Thulium-doped all-fiber laser mode-locked by CVD-graphene/PMMA saturable absorber. Optics Express, 2013, 21, 12797.	3.4	113
32	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
33	Growth of Graphene Layers on Silicon Carbide. Materials Science Forum, 0, 615-617, 199-202.	0.3	15