Tom Albrow-Owen

List of Publications by Year
in descending order

14 papers	1,399 citations	932766 10 h-index	1281420 11 g-index
14 all docs	14 docs citations	14 times ranked	2152 citing authors

#	Article	IF	Citations
1	Giant Magnetoresistance in a Chemical Vapor Deposition Graphene Constriction. ACS Nano, 2022, , .	7.3	0
2	Miniaturization of optical spectrometers. Science, 2021, 371, .	6.0	321
3	A general ink formulation of 2D crystals for wafer-scale inkjet printing. Science Advances, 2020, 6, eaba5029.	4.7	89
4	Environmentally stable black phosphorus saturable absorber for ultrafast laser. Nanophotonics, 2020, 9, 2445-2449.	2.9	21
5	Inkjet-printed CMOS-integrated grapheneâ€“metal oxide sensors for breath analysis. Npj 2D Materials and Applications, 2019, 3, .	3.9	30
6	Single-nanowire spectrometers. Science, 2019, 365, 1017-1020.	6.0	291
7	Inkjet Printed Largeâ€Area Flexible Fewâ€Layer Graphene Thermoelectrics. Advanced Functional Materials, 2018, 28, 1800480.	7.8	136
8	Wavelength and pulse duration tunable ultrafast fiber laser mode-locked with carbon nanotubes. Scientific Reports, 2018, 8, 2738.	1.6	57
9	102 fs pulse generation from a long-term stable, inkjet-printed black phosphorus-mode-locked fiber laser. Optics Express, 2018, 26, 12506.	1.7	104
10	New Approach for Thickness Determination of Solution-Deposited Graphene Thin Films. ACS Omega, 2017, 2, 2630-2638.	1.6	8
11	Black phosphorus ink formulation for inkjet printing of optoelectronics and photonics. Nature Communications, 2017, 8, 278.	5.8	311
12	Wideband tunable ultrafast fiber laser using blackphosphorus saturable absorber. , 2017, , .		0
13	Observation of tunable dual-wavelength in a fiber laser mode-locked by black phosphorus. , 2017, , .		0
14	High-energy and efficient Raman soliton generation tunable from 198 to 229â€‰â€‰Âµm in an all-silica-fiber thulium laser system. Optics Letters, 2017, 42, 3518.	1.7	31