

# Tom Albrow-Owen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7392708/publications.pdf>

Version: 2024-02-01

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