

Richard C T Howe

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,348
citations

1163117

8
h-index

1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

2392
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional inks and printing of two-dimensional materials. Chemical Society Reviews, 2018, 47, 3265-3300.	38.1	401
2	Black phosphorus ink formulation for inkjet printing of optoelectronics and photonics. Nature Communications, 2017, 8, 278.	12.8	311
3	Solution processed MoS ₂ -PVA composite for sub-bandgap mode-locking of a wideband tunable ultrafast Er: fiber laser. Nano Research, 2015, 8, 1522-1534.	10.4	256
4	Inkjet Printed Large-Area Flexible Few-Layer Graphene Thermoelectrics. Advanced Functional Materials, 2018, 28, 1800480.	14.9	136
5	A general ink formulation of 2D crystals for wafer-scale inkjet printing. Science Advances, 2020, 6, eaba5029.	10.3	89
6	Wavelength and pulse duration tunable ultrafast fiber laser mode-locked with carbon nanotubes. Scientific Reports, 2018, 8, 2738.	3.3	57
7	Surfactant-aided exfoliation of molybdenum disulfide for ultrafast pulse generation through edge-state saturable absorption. Physica Status Solidi (B): Basic Research, 2016, 253, 911-917.	1.5	29
8	Functional inks of graphene, metal dichalcogenides and black phosphorus for photonics and (opto)electronics. Proceedings of SPIE, 2015, , .	0.8	27
9	Printing of Graphene and Related 2D Materials. , 2019, , .		25
10	100% Industrial-Scale Flexographic Printing of Graphene-Incorporated Conductive Ink. Advanced Engineering Materials, 2022, 24, 2101217.	3.5	7
11	Structures, Properties and Applications of 2D Materials. , 2019, , 19-51.		2
12	2D Material Production Methods. , 2019, , 53-101.		2
13	Printing Technologies. , 2019, , 135-178.		2
14	2D Ink Design. , 2019, , 103-134.		2
15	Applications of Printed 2D Materials. , 2019, , 179-216.		1