Adam G Kelly

List of Publications by Year
in descending order

20 papers	1,389 citations	566801 15 h-index	752256 20 g-index
20 all docs	20 docs citations	20 times ranked	2726 citing authors

#	Article	IF	Citations
1	Guidelines for Exfoliation, Characterization and Processing of Layered Materials Produced by Liquid Exfoliation. Chemistry of Materials, 2017, 29, 243-255.	3.2	401
2	All-printed thin-film transistors from networks of liquid-exfoliated nanosheets. Science, 2017, 356, 69-73.	6.0	391
3	Electroconductive Biohybrid Collagen/Pristine Graphene Composite Biomaterials with Enhanced Biological Activity. Advanced Materials, 2018, 30, e1706442.	11.1	81
4	The electrical conductivity of solution-processed nanosheet networks. Nature Reviews Materials, 2022, 7, 217-234.	23.3	75
5	Covalently interconnected transition metal dichalcogenide networks via defect engineering for high-performance electronic devices. Nature Nanotechnology, 2021, 16, 592-598.	15.6	74
6	All-printed capacitors from graphene-BN-graphene nanosheet heterostructures. Applied Physics Letters, 2016, 109, .	1.5	68
7	Solvent exfoliation stabilizes TiS₂ nanosheets against oxidation, facilitating lithium storage applications. Nanoscale, 2019, 11, 6206-6216.	2.8	44
8	Exploring the versatility of liquid phase exfoliation: producing 2D nanosheets from talcum powder, cat litter and beach sand. 2D Materials, 2017, 4, 025054.	2.0	39
9	Efficient Flexible White-Light Photodetectors Based on BiFeO₃ Nanoparticles. ACS Applied Nano Materials, 2018, 1, 625-631.	2.4	33
10	High Performance Na-O₂ Batteries and Printed Microsupercapacitors Based on Water-Processable, Biomolecule-Assisted Anodic Graphene. ACS Applied Materials & Interfaces, 2020, 12, 494-506.	4.0	32
11	Whiskey-phase exfoliation: exfoliation and printing of nanosheets using Irish whiskey. 2D Materials, 2019, 6, 045036.	2.0	27
12	All-Printed Dielectric Capacitors from High-Permittivity, Liquid-Exfoliated BiOCl Nanosheets. ACS Applied Electronic Materials, 2020, 2, 3233-3241.	2.0	23
13	Percolation Effects in Electrolytically Gated WS₂/Graphene Nano:Nano Composites. ACS Applied Materials & Interfaces, 2019, 11, 8545-8555.	4.0	18
14	Printable Gâ€Putty for Frequencyâ€•and Rateâ€Independent, Highâ€Performance Strain Sensors. Small, 2021, 17, e2006542.	5.2	16
15	Highly Conductive Networks of Silver Nanosheets. Small, 2022, 18, e2105996.	5.2	16
16	Cyclic production of biocompatible few-layer graphene ink with in-line shear-mixing for inkjet-printed electrodes and Li-ion energy storage. Npj 2D Materials and Applications, 2022, 6, .	3.9	15
17	Tuneable photoconductivity and mobility enhancement in printed MoS ₂ /graphene composites. 2D Materials, 2017, 4, 041006.	2.0	13
18	Preparation of WS2â€“PMMA composite films for optical applications. Journal of Materials Chemistry C, 2020, 8, 10805-10815.	2.7	10

#	Article	IF	Citations
19	Highly Sensitive Composite Foam Bodily Sensors Based on the g-Putty Ink Soaking Procedure. ACS Applied Materials & Interfaces, 2021, 13, 60489-60497.	4.0	7
20	Effect of the Gate Volume on the Performance of Printed Nanosheet Network-Based Transistors. ACS Applied Electronic Materials, 2020, 2, 2164-2170.	2.0	6