

# Adam G Kelly

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The electrical conductivity of solution-processed nanosheet networks. <i>Nature Reviews Materials</i> , 2022, 7, 217-234.	23.3	75
2	Cyclic production of biocompatible few-layer graphene ink with in-line shear-mixing for inkjet-printed electrodes and Li-ion energy storage. <i>Npj 2D Materials and Applications</i> , 2022, 6, .	3.9	15
3	Highly Conductive Networks of Silver Nanosheets. <i>Small</i> , 2022, 18, e2105996.	5.2	16
4	Covalently interconnected transition metal dichalcogenide networks via defect engineering for high-performance electronic devices. <i>Nature Nanotechnology</i> , 2021, 16, 592-598.	15.6	74
5	Printable Gâ€Putty for Frequencyâ€and Rateâ€Independent, Highâ€Performance Strain Sensors. <i>Small</i> , 2021, 17, e2006542.	5.2	16
6	Highly Sensitive Composite Foam Bodily Sensors Based on the g-Putty Ink Soaking Procedure. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 60489-60497.	4.0	7
7	High Performance Na-O <sub>2</sub> Batteries and Printed Microsupercapacitors Based on Water-Processable, Biomolecule-Assisted Anodic Graphene. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 494-506.	4.0	32
8	All-Printed Dielectric Capacitors from High-Permittivity, Liquid-Exfoliated BiOCl Nanosheets. <i>ACS Applied Electronic Materials</i> , 2020, 2, 3233-3241.	2.0	23
9	Preparation of WS <sub>2</sub> â€PMMA composite films for optical applicationsâ€. <i>Journal of Materials Chemistry C</i> , 2020, 8, 10805-10815.	2.7	10
10	Effect of the Gate Volume on the Performance of Printed Nanosheet Network-Based Transistors. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2164-2170.	2.0	6
11	Whiskey-phase exfoliation: exfoliation and printing of nanosheets using Irish whiskey. <i>2D Materials</i> , 2019, 6, 045036.	2.0	27
12	Percolation Effects in Electrolytically Gated WS <sub>2</sub> /Graphene Nano:Nano Composites. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 8545-8555.	4.0	18
13	Solvent exfoliation stabilizes TiS <sub>2</sub> nanosheets against oxidation, facilitating lithium storage applications. <i>Nanoscale</i> , 2019, 11, 6206-6216.	2.8	44
14	Electroconductive Biohybrid Collagen/Pristine Graphene Composite Biomaterials with Enhanced Biological Activity. <i>Advanced Materials</i> , 2018, 30, e1706442.	11.1	81
15	Efficient Flexible White-Light Photodetectors Based on BiFeO <sub>3</sub> Nanoparticles. <i>ACS Applied Nano Materials</i> , 2018, 1, 625-631.	2.4	33
16	Exploring the versatility of liquid phase exfoliation: producing 2D nanosheets from talcum powder, cat litter and beach sand. <i>2D Materials</i> , 2017, 4, 025054.	2.0	39
17	All-printed thin-film transistors from networks of liquid-exfoliated nanosheets. <i>Science</i> , 2017, 356, 69-73.	6.0	391
18	Tuneable photoconductivity and mobility enhancement in printed MoS <sub>2</sub> /graphene composites. <i>2D Materials</i> , 2017, 4, 041006.	2.0	13

#	ARTICLE	IF	CITATIONS
19	Guidelines for Exfoliation, Characterization and Processing of Layered Materials Produced by Liquid Exfoliation. Chemistry of Materials, 2017, 29, 243-255.	3.2	401
20	All-printed capacitors from graphene-BN-graphene nanosheet heterostructures. Applied Physics Letters, 2016, 109, .	1.5	68