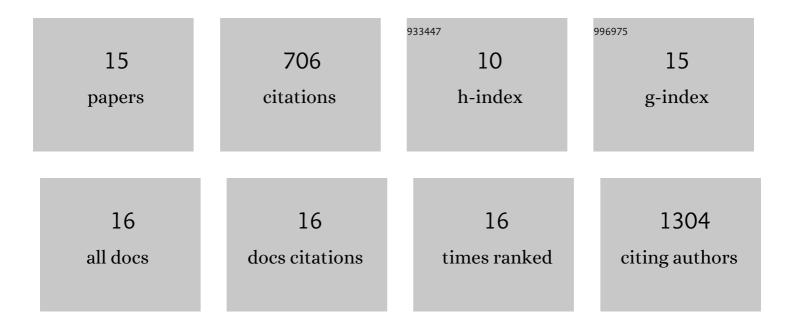
Colin Daniels

List of Publications by Year in descending order

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COUN DANIELS

#	Article	IF	CITATIONS
1	Growth Optimization and Device Integration of Narrowâ€Bandgap Graphene Nanoribbons. Small, 2022, 18, .	10.0	17
2	In-plane breathing and shear modes in low-dimensional nanostructures. Carbon, 2020, 157, 364-370.	10.3	14
3	Machine-learning models for Raman spectra analysis of twisted bilayer graphene. Carbon, 2020, 169, 455-464.	10.3	24
4	Massive Dirac Fermion Behavior in a Low Bandgap Graphene Nanoribbon Near a Topological Phase Boundary. Advanced Materials, 2020, 32, e1906054.	21.0	44
5	Optimized Substrates and Measurement Approaches for Raman Spectroscopy of Graphene Nanoribbons. Physica Status Solidi (B): Basic Research, 2019, 256, 1900343.	1.5	26
6	A Universal Length-Dependent Vibrational Mode in Graphene Nanoribbons. ACS Nano, 2019, 13, 13083-13091.	14.6	36
7	Shell model extension to the valence force field: application to single-layer black phosphorus. Physical Chemistry Chemical Physics, 2019, 21, 322-328.	2.8	5
8	Onâ€Surface Synthesis and Characterization of Aceneâ€Based Nanoribbons Incorporating Fourâ€Membered Rings. Chemistry - A European Journal, 2019, 25, 12074-12082.	3.3	38
9	Engineering of robust topological quantum phases in graphene nanoribbons. Nature, 2018, 560, 209-213.	27.8	397
10	Structural, energetic, and electronic properties of gyroidal graphene nanostructures. Carbon, 2016, 96, 998-1007.	10.3	9
11	Electronic Transport of Recrystallized Freestanding Graphene Nanoribbons. ACS Nano, 2015, 9, 3510-3520.	14.6	44
12	Electrolyte Diffusion in Gyroidal Nanoporous Carbon. Journal of Physical Chemistry C, 2015, 119, 2896-2903.	3.1	8
13	Elastic, plastic, and fracture mechanisms in graphene materials. Journal of Physics Condensed Matter, 2015, 27, 373002.	1.8	26
14	Quantifying energetics of topological frustration in carbon nanostructures. Physical Review B, 2014, 89, .	3.2	9
15	Emergent magnetism in irradiated graphene nanostructures. Carbon, 2014, 78, 196-203.	10.3	9