

# Fang Gao

## List of Publications by Year in descending order

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17  
papers

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687363

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888059

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docs citations

18  
times ranked

672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic Liquid Gate-Induced Modifications of Step Edges at SrCoO <sub>2.5</sub> Surfaces. ACS Nano, 2020, 14, 8562-8569.	14.6	4
2	The Role of Ionic Liquid Breakdown in the Electrochemical Metallization of VO <sub>2</sub> : An NMR Study of Gating Mechanisms and VO <sub>2</sub> Reduction. Journal of the American Chemical Society, 2018, 140, 16685-16696.	13.7	32
3	Synthesis and Morphology of Semifluorinated Polymeric Ionic Liquids. Macromolecules, 2018, 51, 8620-8628.	4.8	13
4	Gating effects of conductive polymeric ionic liquids. Journal of Materials Chemistry C, 2018, 6, 8242-8250.	5.5	13
5	Combining nanostructuration with boron doping to alter sub band gap acceptor states in diamond materials. Journal of Materials Chemistry A, 2018, 6, 16645-16654.	10.3	14
6	Powering electrodes for high performance aqueous micro-supercapacitors: Diamond-coated silicon nanowires operating at a wide cell voltage of 3 V. Electrochimica Acta, 2017, 242, 173-179.	5.2	36
7	Designing 3D Multihierarchical Heteronanostructures for High-Performance On-Chip Hybrid Supercapacitors: Poly(3,4-(ethylenedioxy)thiophene)-Coated Diamond/Silicon Nanowire Electrodes in an Aprotic Ionic Liquid. ACS Applied Materials & Interfaces, 2016, 8, 18069-18077.	8.0	64
8	A step forward into hierarchically nanostructured materials for high performance micro-supercapacitors: Diamond-coated SiNW electrodes in protic ionic liquid electrolyte. Electrochemistry Communications, 2016, 63, 34-38.	4.7	39
9	Diamond-Based Supercapacitors: Realization and Properties. ACS Applied Materials & Interfaces, 2016, 8, 28244-28254.	8.0	67
10	Dye-sensitization of boron-doped diamond foam: champion photoelectrochemical performance of diamond electrodes under solar light illumination. RSC Advances, 2015, 5, 81069-81077.	3.6	25
11	Diamond nanowire forest decorated with nickel hydroxide as a pseudocapacitive material for fast charging&mdash;discharging. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 2533-2538.	1.8	23
12	Aligned Pt-diamond core-shell nanowires for electrochemical catalysis. Electrochemistry Communications, 2015, 50, 32-35.	4.7	15
13	Diamond-coated silicon wires for supercapacitor applications in ionic liquids. Diamond and Related Materials, 2015, 51, 1-6.	3.9	75
14	Highly porous diamond foam as a thin-film micro-supercapacitor material. Carbon, 2014, 80, 833-840.	10.3	94
15	Shape-controlled platinum nanocrystals on boron-doped diamond. Electrochemistry Communications, 2013, 30, 55-58.	4.7	9
16	Highly stable platinum nanoparticles on diamond. Electrochimica Acta, 2013, 112, 493-499.	5.2	16
17	Size-controllable and homogeneous platinum nanoparticles on diamond using wet chemically assisted electrodeposition. Electrochimica Acta, 2013, 90, 445-451.	5.2	28