

# Fang Chen

## List of Publications by Year in descending order

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23  
papers

3,807  
citations

516710

16  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

6236  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-step electrochemical exfoliation-deposition of MnO <sub>2</sub> anchoring on graphite nanosheets as an effective host material for high-performance sulfur cathode. <i>Ionics</i> , 2020, 26, 5279-5286.	2.4	5
2	Constructing Dual-Molecule Junctions to Probe Intermolecular Crosstalk. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 30584-30590.	8.0	7
3	Unique Metal Cation Recognition via Crown Ether-Derivatized Oligo(phenyleneethynylene) Molecular Junction. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8496-8503.	3.1	20
4	Graphene Layers-Wrapped Fe/Fe <sub>5</sub> C <sub>2</sub> Nanoparticles Supported on N-Doped Graphene Nanosheets for Highly Efficient Oxygen Reduction. <i>Advanced Energy Materials</i> , 2018, 8, 1702476.	19.5	205
5	Facile preparation of ternary Ag <sub>2</sub> CO <sub>3</sub> /Ag/PANI composite nanorods with enhanced photoactivity and stability. <i>Journal of Materials Science</i> , 2017, 52, 4521-4531.	3.7	16
6	Influence of Molecular Structure on Contact Interaction between Thiophene Anchoring Group and Au Electrode. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1472-1476.	3.1	19
7	Comparative Study on Single-Molecule Junctions of Alkane- and Benzene-Based Molecules with Carboxylic Acid/Aldehyde as the Anchoring Groups. <i>Nanoscale Research Letters</i> , 2016, 11, 380.	5.7	6
8	The binding sites of carboxylic acid group contacting to Cu electrode. <i>Electrochemistry Communications</i> , 2015, 59, 48-51.	4.7	6
9	Graphene Field-Effect Transistors: Electrochemical Gating, Interfacial Capacitance, and Biosensing Applications. <i>Chemistry - an Asian Journal</i> , 2010, 5, 2144-2153.	3.3	64
10	The transport and quantum capacitance properties of epitaxial graphene. <i>Applied Physics Letters</i> , 2010, 96, 162101.	3.3	28
11	Measurement of the quantum capacitance of graphene. <i>Nature Nanotechnology</i> , 2009, 4, 505-509.	31.5	1,459
12	Dielectric Screening Enhanced Performance in Graphene FET. <i>Nano Letters</i> , 2009, 9, 2571-2574.	9.1	253
13	Ionic Screening of Charged-Impurity Scattering in Graphene. <i>Nano Letters</i> , 2009, 9, 1621-1625.	9.1	144
14	Electrochemical Gate-Controlled Charge Transport in Graphene in Ionic Liquid and Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2009, 131, 9908-9909.	13.7	238
15	Redox-Active Catechol-Functionalized Molecular Rods: Suitable Protection Groups and Single-Molecule Transport Investigations. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 136-149.	2.4	21
16	Forming single molecular junctions between indium tin oxide electrodes. <i>Applied Physics Letters</i> , 2007, 91, 162106.	3.3	22
17	Measurement of Single-Molecule Conductance. <i>Annual Review of Physical Chemistry</i> , 2007, 58, 535-564.	10.8	374
18	Thermally Activated Electron Transport in Single Redox Molecules. <i>Journal of the American Chemical Society</i> , 2007, 129, 11535-11542.	13.7	131

#	ARTICLE	IF	CITATIONS
19	Formation of nanogaps by nanoscale Cu electrodeposition and dissolution. <i>Electrochimica Acta</i> , 2007, 52, 4210-4214.	5.2	5
20	Effect of Anchoring Groups on Single-Molecule Conductance: A Comparative Study of Thiol-, Amine-, and Carboxylic-Acid-Terminated Molecules. <i>Journal of the American Chemical Society</i> , 2006, 128, 15874-15881.	13.7	701
21	Finely Tuning Metallic Nanogap Size with Electrodeposition by Utilizing High-Frequency Impedance in Feedback. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7771-7775.	13.8	31
22	Electrochemical approach for fabricating nanogap electrodes with well controllable separation. <i>Applied Physics Letters</i> , 2005, 86, 123105.	3.3	48
23	Electrochemical Fabrication of Metal Nanocontacts and Nanogaps. , 0, , 167-194.		2