

# Yuqiao Guo

## List of Publications by Citations

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74  
papers

3,099  
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28  
h-index

55  
g-index

79  
ext. papers

3,638  
ext. citations

9.4  
avg, IF

5.02  
L-index

#	Paper	IF	Citations
74	Metallic Nickel Hydroxide Nanosheets Give Superior Electrocatalytic Oxidation of Urea for Fuel Cells. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 12465-9	16.4	253
73	Surface chemical-modification for engineering the intrinsic physical properties of inorganic two-dimensional nanomaterials. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 637-46	58.5	238
72	Hydrogen-incorporated TiS <sub>2</sub> ultrathin nanosheets with ultrahigh conductivity for stamp-transferrable electrodes. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 5144-51	16.4	228
71	Semimetallic molybdenum disulfide ultrathin nanosheets as an efficient electrocatalyst for hydrogen evolution. <i>Nanoscale</i> , <b>2014</b> , 6, 8359-67	7.7	216
70	Ultrathin nanosheets of vanadium diselenide: a metallic two-dimensional material with ferromagnetic charge-density-wave behavior. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 10477-81	16.4	194
69	Engineering the electronic state of a perovskite electrocatalyst for synergistically enhanced oxygen evolution reaction. <i>Advanced Materials</i> , <b>2015</b> , 27, 5989-94	24	187
68	Spin-State Regulation of Perovskite Cobaltite to Realize Enhanced Oxygen Evolution Activity. <i>Chem</i> , <b>2017</b> , 3, 812-821	16.2	144
67	Acid-Assisted Exfoliation toward Metallic Sub-nanopore TaS Monolayer with High Volumetric Capacitance. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 493-498	16.4	83
66	Modulation of Metal and Insulator States in 2D Ferromagnetic VS by van der Waals Interaction Engineering. <i>Advanced Materials</i> , <b>2017</b> , 29, 1700715	24	78
65	Size-dependent magnetic properties and Raman spectra of La <sub>2</sub> NiMnO <sub>6</sub> nanoparticles. <i>Journal of Applied Physics</i> , <b>2009</b> , 106, 123901	2.5	76
64	Very Large-Sized Transition Metal Dichalcogenides Monolayers from Fast Exfoliation by Manual Shaking. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9019-9025	16.4	75
63	Ultrathin nanosheets of feroxyhyte: a new two-dimensional material with robust ferromagnetic behavior. <i>Chemical Science</i> , <b>2014</b> , 5, 2251-2255	9.4	72
62	Signature of coexistence of superconductivity and ferromagnetism in two-dimensional NbSe <sub>2</sub> triggered by surface molecular adsorption. <i>Nature Communications</i> , <b>2016</b> , 7, 11210	17.4	68
61	Double-Exchange Effect in Two-Dimensional MnO Nanomaterials. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 5242-5248	16.4	58
60	Size-Induced Griffiths Phase and Second-Order Ferromagnetic Transition in Sm <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 1535-1540	3.8	58
59	Hydrogen dangling bonds induce ferromagnetism in two-dimensional metal-free graphitic-CN nanosheets. <i>Chemical Science</i> , <b>2015</b> , 6, 283-287	9.4	56
58	Near room-temperature magnetoresistance effect in double perovskite La <sub>2</sub> NiMnO <sub>6</sub> . <i>Applied Physics Letters</i> , <b>2013</b> , 102, 222401	3.4	54

57	High Phase Purity of Large-Sized 1TSMoS Monolayers with 2D Superconductivity. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900568	24	53
56	Half-Metallic Behavior in 2D Transition Metal Dichalcogenides Nanosheets by Dual-Native-Defects Engineering. <i>Advanced Materials</i> , <b>2017</b> , 29, 1703123	24	53
55	Nature of short-range ferromagnetic ordered state above TC in double perovskite La <sub>2</sub> NiMnO <sub>6</sub> . <i>Applied Physics Letters</i> , <b>2010</b> , 96, 262507	3.4	49
54	Two-Dimensional Tellurium Nanosheets Exhibiting an Anomalous Switchable Photoresponse with Thickness Dependence. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 13533-13537	16.4	47
53	The Hydric Effect in Inorganic Nanomaterials for Nanoelectronics and Energy Applications. <i>Advanced Materials</i> , <b>2015</b> , 27, 3850-67	24	47
52	Tunable exchange bias effect in Sr-doped double perovskite La <sub>2</sub> NiMnO <sub>6</sub> . <i>Journal Physics D: Applied Physics</i> , <b>2013</b> , 46, 175302	3	43
51	Griffiths phase, spin-phonon coupling, and exchange bias effect in double perovskite Pr <sub>2</sub> CoMnO <sub>6</sub> . <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 193901	2.5	42
50	Molecule-Confined Engineering toward Superconductivity and Ferromagnetism in Two-Dimensional Superlattice. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 16398-16404	16.4	36
49	Griffiths phase and exchange bias in La <sub>1-x</sub> CaxMnO <sub>3</sub> (x=0.50, 0.67, and 0.75) nanoparticles. <i>Journal of Applied Physics</i> , <b>2010</b> , 107, 033906	2.5	34
48	Large negative magnetoresistance induced by anionic solid solutions in two-dimensional spin-frustrated transition metal chalcogenides. <i>Physical Review Letters</i> , <b>2014</b> , 113, 157202	7.4	33
47	Size-dependent structure and magnetic properties of DyMnO <sub>3</sub> nanoparticles. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 103903	2.5	29
46	Imaging metal-like monoclinic phase stabilized by surface coordination effect in vanadium dioxide nanobeam. <i>Nature Communications</i> , <b>2017</b> , 8, 15561	17.4	27
45	Size-Dependent Structural and Magnetic Properties of LaCoO <sub>3</sub> Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 13522-13526	3.8	27
44	Metallic Nickel Hydroxide Nanosheets Give Superior Electrocatalytic Oxidation of Urea for Fuel Cells. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12653-12657	3.6	26
43	Disorder Enhanced Superconductivity toward TaS Monolayer. <i>ACS Nano</i> , <b>2018</b> , 12, 9461-9466	16.7	25
42	Hydrogen Treatment for Superparamagnetic VO <sub>2</sub> Nanowires with Large Room-Temperature Magnetoresistance. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8018-22	16.4	25
41	Particle Size Effects on Charge and Spin Correlations in Nd <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 11500-11506	3.8	24
40	Amine-assisted exfoliation and electrical conductivity modulation toward few-layer FePS <sub>3</sub> nanosheets for efficient hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 13928-13934	13	20

39	In situ unravelling structural modulation across the charge-density-wave transition in vanadium disulfide. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 13333-9	3.6	19
38	Solution Processing for Lateral Transition-Metal Dichalcogenides Homo Junction from Polymorphic Crystal. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 592-598	16.4	17
37	Nature of ferromagnetic ordered state in LaCoO <sub>3</sub> epitaxial nano-thin film on LaAlO <sub>3</sub> substrate. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 594, 158-164	5.7	16
36	Ultrathin Nanosheets of Vanadium Diselenide: A Metallic Two-Dimensional Material with Ferromagnetic Charge-Density-Wave Behavior. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 10671-10675	3.6	15
35	Facile synthesis of Ca-doped manganite nanoparticles by a nonaqueous sol-gel method and their magnetic properties. <i>Materials Chemistry and Physics</i> , <b>2010</b> , 120, 75-78	4.4	15
34	Superparamagnetic Reduced Graphene Oxide with Large Magnetoresistance: A Surface Modulation Strategy. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3176-80	16.4	15
33	Local Valence and Hole-Doping Effect on Magnetic Properties in Double Perovskite La <sub>2</sub> NiMnO <sub>6</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 3287-3292	1.5	14
32	Magnetic phase diagram of nanosized half-doped manganites: role of size reduction. <i>Dalton Transactions</i> , <b>2012</b> , 41, 7109-14	4.3	14
31	Stoichiometric two-dimensional non-van der Waals AgCrS with superionic behaviour at room temperature. <i>Nature Chemistry</i> , <b>2021</b> , 13, 1235-1240	17.6	14
30	Simple polymer assisted deposition and strain-induced ferromagnetism of LaCoO <sub>3</sub> epitaxial thin films. <i>Surface and Coatings Technology</i> , <b>2013</b> , 226, 108-112	4.4	13
29	Fast Lithium Ion Conductivity in Layered (Li-Ag)CrS. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 18645-18651	16.4	12
28	Short-Range Magnetic Ordered State Above T <sub>C</sub> in Double Perovskite Dy <sub>2</sub> NiMnO <sub>6</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 53-59	1.5	11
27	High-temperature thermoelectric characteristics of B-site substituted Yb <sub>0.1</sub> Ca <sub>0.9</sub> Mn <sub>1-x</sub> Nb <sub>x</sub> O <sub>3</sub> system (0 ≤ x ≤ 1). <i>Applied Physics A: Materials Science and Processing</i> , <b>2013</b> , 112, 1003-1009	2.6	10
26	Size-induced transition from non-Griffiths-like to Griffiths-like clustered phase above the Curie temperature. <i>Europhysics Letters</i> , <b>2012</b> , 98, 57004	1.6	10
25	Observation of a Griffiths-like phase in Ca-doped cobaltites. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 163903.5	3.5	10
24	Influence of annealing atmosphere on the properties of La <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> . <i>Solid State Communications</i> , <b>2010</b> , 150, 371-374	1.6	10
23	Promoting the water reduction reaction of transition metal dichalcogenides in a basic electrolyte by interface engineering. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 17488-17494	13	9
22	Optical Study of Nanosize Effects on Charge Ordering in Half-Doped Manganites. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 8989-8996	3.8	9

21	Electron Transport in Low Dimensional Solids: A Surface Chemistry Perspective. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 723-732	16.4	9
20	Superparamagnetic Reduced Graphene Oxide with Large Magnetoresistance: A Surface Modulation Strategy. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3228-3232	3.6	8
19	A-site ion-size effect on the transport and magnetic properties of Ce doping Pr <sub>0.3</sub> Ce <sub>0.2</sub> Ca <sub>x</sub> Sr <sub>0.5-x</sub> MnO <sub>3</sub> (0 ≤ x ≤ 0.25). <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 123909	2.5	8
18	Room-temperature ligancy engineering of perovskite electrocatalyst for enhanced electrochemical water oxidation. <i>Nano Research</i> , <b>2019</b> , 12, 2296-2301	10	7
17	Ultrathin nanosheets of Mn <sub>3</sub> O <sub>4</sub> : A new two-dimensional ferromagnetic material with strong magnetocrystalline anisotropy. <i>Frontiers of Physics</i> , <b>2018</b> , 13, 1	3.7	6
16	Size-dependent multiple magnetic phases and exchange bias effect in hole-doped double perovskite La <sub>1.6</sub> Sr <sub>0.4</sub> NiMnO <sub>6</sub> . <i>Journal Physics D: Applied Physics</i> , <b>2014</b> , 47, 485003	3	6
15	Epitaxial Growth of Strain-Induced Ferromagnetic LaCoO <sub>3</sub> Thin Films by Simple Sol-Gel Technique. <i>Nano</i> , <b>2016</b> , 11, 1650030	1.1	5
14	High-temperature metal-insulator transition in Y <sub>x</sub> Ca <sub>1-x</sub> MnO <sub>3</sub> (0.05 ≤ x ≤ 0.12): An electron-spin resonance study. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 582, 37-42	5.7	5
13	Hydrogen Treatment for Superparamagnetic VO <sub>2</sub> Nanowires with Large Room-Temperature Magnetoresistance. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8150-8154	3.6	5
12	Freestanding Cubic ZrN Single-Crystalline Films with Two-Dimensional Superconductivity. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 10183-10187	16.4	4
11	The magnetic properties and spin-phonon coupling of Pr <sub>2</sub> CoMnO <sub>6</sub> particles. <i>Materials Research Express</i> , <b>2015</b> , 2, 076104	1.7	4
10	Room-temperature large magnetic-dielectric coupling in new phase anatase VTiO(4). <i>Chemical Communications</i> , <b>2013</b> , 49, 10462-4	5.8	4
9	Intercalation-assisted Exfoliation Strategy for Two-dimensional Materials Preparation. <i>Chemical Research in Chinese Universities</i> , <b>2020</b> , 36, 518-524	2.2	3
8	Change from electronlike to holelike carriers in MgCNi <sub>3</sub> via doping with B or Zn. <i>Materials Chemistry and Physics</i> , <b>2013</b> , 138, 743-746	4.4	2
7	Quantum Griffiths Singularity in a Layered Superconducting Organic-Inorganic Hybrid Superlattice <b>2021</b> , 3, 210-216		2
6	Two-Dimensional Tellurium Nanosheets Exhibiting an Anomalous Switchable Photoresponse with Thickness Dependence. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 13721-13725	3.6	1
5	Positive magnetoresistance in Ca-doped cobaltites. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 232408	3.4	0
4	Host-guest Intercalation Chemistry for the Synthesis and Modification of Two-dimensional Transition Metal Dichalcogenides.. <i>Advanced Materials</i> , <b>2022</b> , e2200425	24	0

- 3 Negative slope of resistivity-temperature curve and positive magnetoresistance in antiperovskite  $\text{ZnCNi}_3\text{Mn}_x$  ( $1.15 \leq x \leq 1.5$ ). *Applied Physics A: Materials Science and Processing*, **2014**, 114, 833-838 2.6
- 2 Ferromagnetism Enhanced by Lattice Distortion in Fine  $\text{La}_{5/3}\text{Sr}_{1/3}\text{NiO}_4$  Particles. *Journal of Superconductivity and Novel Magnetism*, **2010**, 23, 411-415 1.5
- 1 Spin-Dependent Transport at 2D Solids: From Nonmagnetic Layers to Ferromagnetic van der Waals Structures. *Journal of Physical Chemistry Letters*, **2021**, 12, 9730-9740 6.4