

Yuqiao Guo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74
papers

3,099
citations

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	Host-guest Intercalation Chemistry for the Synthesis and Modification of Two-dimensional Transition Metal Dichalcogenides.. <i>Advanced Materials</i> , 2022 , e2200425	24	0
73	Stoichiometric two-dimensional non-van der Waals AgCrS with superionic behaviour at room temperature. <i>Nature Chemistry</i> , 2021 , 13, 1235-1240	17.6	14
72	Quantum Griffiths Singularity in a Layered Superconducting Organic/Inorganic Hybrid Superlattice 2021 , 3, 210-216		2
71	Spin-Dependent Transport at 2D Solids: From Nonmagnetic Layers to Ferromagnetic van der Waals Structures. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 9730-9740	6.4	
70	Intercalation-assisted Exfoliation Strategy for Two-dimensional Materials Preparation. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 518-524	2.2	3
69	Fast Lithium Ion Conductivity in Layered (Li-Ag)CrS. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18645-18651	16.4	12
68	Freestanding Cubic ZrN Single-Crystalline Films with Two-Dimensional Superconductivity. <i>Journal of the American Chemical Society</i> , 2019 , 141, 10183-10187	16.4	4
67	Amine-assisted exfoliation and electrical conductivity modulation toward few-layer FePS ₃ nanosheets for efficient hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 13928-13934	13	20
66	Room-temperature ligand engineering of perovskite electrocatalyst for enhanced electrochemical water oxidation. <i>Nano Research</i> , 2019 , 12, 2296-2301	10	7
65	High Phase Purity of Large-Sized 1TSMoS Monolayers with 2D Superconductivity. <i>Advanced Materials</i> , 2019 , 31, e1900568	24	53
64	Electron Transport in Low Dimensional Solids: A Surface Chemistry Perspective. <i>Journal of the American Chemical Society</i> , 2019 , 141, 723-732	16.4	9
63	Solution Processing for Lateral Transition-Metal Dichalcogenides Homojunction from Polymorphic Crystal. <i>Journal of the American Chemical Society</i> , 2019 , 141, 592-598	16.4	17
62	Ultrathin nanosheets of Mn ₃ O ₄ : A new two-dimensional ferromagnetic material with strong magnetocrystalline anisotropy. <i>Frontiers of Physics</i> , 2018 , 13, 1	3.7	6
61	Promoting the water reduction reaction of transition metal dichalcogenides in a basic electrolyte by interface engineering. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 17488-17494	13	9
60	Disorder Enhanced Superconductivity toward TaS Monolayer. <i>ACS Nano</i> , 2018 , 12, 9461-9466	16.7	25
59	Two-Dimensional Tellurium Nanosheets Exhibiting an Anomalous Switchable Photoresponse with Thickness Dependence. <i>Angewandte Chemie</i> , 2018 , 130, 13721-13725	3.6	1
58	Two-Dimensional Tellurium Nanosheets Exhibiting an Anomalous Switchable Photoresponse with Thickness Dependence. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13533-13537	16.4	47

57	Acid-Assisted Exfoliation toward Metallic Sub-nanopore TaS Monolayer with High Volumetric Capacitance. <i>Journal of the American Chemical Society</i> , 2018 , 140, 493-498	16.4	83
56	Very Large-Sized Transition Metal Dichalcogenides Monolayers from Fast Exfoliation by Manual Shaking. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9019-9025	16.4	75
55	Imaging metal-like monoclinic phase stabilized by surface coordination effect in vanadium dioxide nanobeam. <i>Nature Communications</i> , 2017 , 8, 15561	17.4	27
54	Double-Exchange Effect in Two-Dimensional MnO Nanomaterials. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5242-5248	16.4	58
53	Molecule-Confined Engineering toward Superconductivity and Ferromagnetism in Two-Dimensional Superlattice. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16398-16404	16.4	36
52	Spin-State Regulation of Perovskite Cobaltite to Realize Enhanced Oxygen Evolution Activity. <i>Chem</i> , 2017 , 3, 812-821	16.2	144
51	Half-Metallic Behavior in 2D Transition Metal Dichalcogenides Nanosheets by Dual-Native-Defects Engineering. <i>Advanced Materials</i> , 2017 , 29, 1703123	24	53
50	Modulation of Metal and Insulator States in 2D Ferromagnetic VS by van der Waals Interaction Engineering. <i>Advanced Materials</i> , 2017 , 29, 1700715	24	78
49	Metallic Nickel Hydroxide Nanosheets Give Superior Electrocatalytic Oxidation of Urea for Fuel Cells. <i>Angewandte Chemie</i> , 2016 , 128, 12653-12657	3.6	26
48	Metallic Nickel Hydroxide Nanosheets Give Superior Electrocatalytic Oxidation of Urea for Fuel Cells. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12465-9	16.4	253
47	Signature of coexistence of superconductivity and ferromagnetism in two-dimensional NbSe ₂ triggered by surface molecular adsorption. <i>Nature Communications</i> , 2016 , 7, 11210	17.4	68
46	Superparamagnetic Reduced Graphene Oxide with Large Magnetoresistance: A Surface Modulation Strategy. <i>Angewandte Chemie</i> , 2016 , 128, 3228-3232	3.6	8
45	Epitaxial Growth of Strain-Induced Ferromagnetic LaCoO ₃ Thin Films by Simple Sol-Gel Technique. <i>Nano</i> , 2016 , 11, 1650030	1.1	5
44	Hydrogen Treatment for Superparamagnetic VO ₂ Nanowires with Large Room-Temperature Magnetoresistance. <i>Angewandte Chemie</i> , 2016 , 128, 8150-8154	3.6	5
43	Hydrogen Treatment for Superparamagnetic VO ₂ Nanowires with Large Room-Temperature Magnetoresistance. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8018-22	16.4	25
42	Superparamagnetic Reduced Graphene Oxide with Large Magnetoresistance: A Surface Modulation Strategy. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3176-80	16.4	15
41	In situ unravelling structural modulation across the charge-density-wave transition in vanadium disulfide. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 13333-9	3.6	19
40	The magnetic properties and spin-phonon coupling of Pr ₂ CoMnO ₆ particles. <i>Materials Research Express</i> , 2015 , 2, 076104	1.7	4

39	Surface chemical-modification for engineering the intrinsic physical properties of inorganic two-dimensional nanomaterials. <i>Chemical Society Reviews</i> , 2015 , 44, 637-46	58.5	238
38	Short-Range Magnetic Ordered State Above T _C in Double Perovskite Dy ₂ NiMnO ₆ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2015 , 28, 53-59	1.5	11
37	Hydrogen dangling bonds induce ferromagnetism in two-dimensional metal-free graphitic-CN nanosheets. <i>Chemical Science</i> , 2015 , 6, 283-287	9.4	56
36	The Hydric Effect in Inorganic Nanomaterials for Nanoelectronics and Energy Applications. <i>Advanced Materials</i> , 2015 , 27, 3850-67	24	47
35	Engineering the electronic state of a perovskite electrocatalyst for synergistically enhanced oxygen evolution reaction. <i>Advanced Materials</i> , 2015 , 27, 5989-94	24	187
34	High-temperature metal-insulator transition in Y _x Ca _{1-x} MnO ₃ (0.05 ≤ x ≤ 0.12): An electron-spin resonance study. <i>Journal of Alloys and Compounds</i> , 2014 , 582, 37-42	5.7	5
33	Large negative magnetoresistance induced by anionic solid solutions in two-dimensional spin-frustrated transition metal chalcogenides. <i>Physical Review Letters</i> , 2014 , 113, 157202	7.4	33
32	Ultrathin nanosheets of ferropyhyte: a new two-dimensional material with robust ferromagnetic behavior. <i>Chemical Science</i> , 2014 , 5, 2251-2255	9.4	72
31	Semimetallic molybdenum disulfide ultrathin nanosheets as an efficient electrocatalyst for hydrogen evolution. <i>Nanoscale</i> , 2014 , 6, 8359-67	7.7	216
30	Nature of ferromagnetic ordered state in LaCoO ₃ epitaxial nano-thin film on LaAlO ₃ substrate. <i>Journal of Alloys and Compounds</i> , 2014 , 594, 158-164	5.7	16
29	Size-dependent multiple magnetic phases and exchange bias effect in hole-doped double perovskite La _{1.6} Sr _{0.4} NiMnO ₆ . <i>Journal Physics D: Applied Physics</i> , 2014 , 47, 485003	3	6
28	Griffiths phase, spin-phonon coupling, and exchange bias effect in double perovskite Pr ₂ CoMnO ₆ . <i>Journal of Applied Physics</i> , 2014 , 116, 193901	2.5	42
27	Positive magnetoresistance in Ca-doped cobaltites. <i>Applied Physics Letters</i> , 2014 , 105, 232408	3.4	0
26	Size-dependent structure and magnetic properties of DyMnO ₃ nanoparticles. <i>Journal of Applied Physics</i> , 2014 , 116, 103903	2.5	29
25	Negative slope of resistivity-temperature curve and positive magnetoresistance in antiperovskite ZnCNi _{3-x} Mn _x (1.15 ≤ x ≤ 1.5). <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 114, 833-838	2.6	
24	Local Valence and Hole-Doping Effect on Magnetic Properties in Double Perovskite La ₂ NiMnO ₆ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2013 , 26, 3287-3292	1.5	14
23	High-temperature thermoelectric characteristics of B-site substituted Yb _{0.1} Ca _{0.9} Mn _{1-x} Nb _x O ₃ system (0 ≤ x ≤ 1). <i>Applied Physics A: Materials Science and Processing</i> , 2013 , 112, 1003-1009	2.6	10
22	Ultrathin nanosheets of vanadium diselenide: a metallic two-dimensional material with ferromagnetic charge-density-wave behavior. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10477-81	16.4	194

21	Room-temperature large magnetic-dielectric coupling in new phase anatase VTiO(4). <i>Chemical Communications</i> , 2013 , 49, 10462-4	5.8	4
20	Simple polymer assisted deposition and strain-induced ferromagnetism of LaCoO ₃ epitaxial thin films. <i>Surface and Coatings Technology</i> , 2013 , 226, 108-112	4.4	13
19	Change from electronlike to holelike carriers in MgCNi ₃ via doping with B or Zn. <i>Materials Chemistry and Physics</i> , 2013 , 138, 743-746	4.4	2
18	Hydrogen-incorporated TiS ₂ ultrathin nanosheets with ultrahigh conductivity for stamp-transferrable electrodes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5144-51	16.4	228
17	Near room-temperature magnetoresistance effect in double perovskite La ₂ NiMnO ₆ . <i>Applied Physics Letters</i> , 2013 , 102, 222401	3.4	54
16	Optical Study of Nanosize Effects on Charge Ordering in Half-Doped Manganites. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 8989-8996	3.8	9
15	Observation of a Griffiths-like phase in Ca-doped cobaltites. <i>Journal of Applied Physics</i> , 2013 , 114, 163903	3.5	10
14	Tunable exchange bias effect in Sr-doped double perovskite La ₂ NiMnO ₆ . <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 175302	3	43
13	Ultrathin Nanosheets of Vanadium Diselenide: A Metallic Two-Dimensional Material with Ferromagnetic Charge-Density-Wave Behavior. <i>Angewandte Chemie</i> , 2013 , 125, 10671-10675	3.6	15
12	Size-induced transition from non-Griffiths-like to Griffiths-like clustered phase above the Curie temperature. <i>Europhysics Letters</i> , 2012 , 98, 57004	1.6	10
11	Magnetic phase diagram of nanosized half-doped manganites: role of size reduction. <i>Dalton Transactions</i> , 2012 , 41, 7109-14	4.3	14
10	Size-Induced Griffiths Phase and Second-Order Ferromagnetic Transition in Sm _{0.5} Sr _{0.5} MnO ₃ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 1535-1540	3.8	58
9	Particle Size Effects on Charge and Spin Correlations in Nd _{0.5} Ca _{0.5} MnO ₃ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 11500-11506	3.8	24
8	A-site ion-size effect on the transport and magnetic properties of Ce doping Pr _{0.3} Ce _{0.2} CaxSr _{0.5-x} MnO ₃ (0 ≤ x ≤ 0.25). <i>Journal of Applied Physics</i> , 2011 , 109, 123909	2.5	8
7	Nature of short-range ferromagnetic ordered state above TC in double perovskite La ₂ NiMnO ₆ . <i>Applied Physics Letters</i> , 2010 , 96, 262507	3.4	49
6	Griffiths phase and exchange bias in La _{1-x} CaxMnO ₃ (x=0.50, 0.67, and 0.75) nanoparticles. <i>Journal of Applied Physics</i> , 2010 , 107, 033906	2.5	34
5	Ferromagnetism Enhanced by Lattice Distortion in Fine La _{5/3} Sr _{1/3} NiO ₄ Particles. <i>Journal of Superconductivity and Novel Magnetism</i> , 2010 , 23, 411-415	1.5	
4	Facile synthesis of Ca-doped manganite nanoparticles by a nonaqueous sol-gel method and their magnetic properties. <i>Materials Chemistry and Physics</i> , 2010 , 120, 75-78	4.4	15

3	Influence of annealing atmosphere on the properties of La _{0.5} Sr _{0.5} MnO ₃ . <i>Solid State Communications</i> , 2010 , 150, 371-374	1.6	10
2	Size-dependent magnetic properties and Raman spectra of La ₂ NiMnO ₆ nanoparticles. <i>Journal of Applied Physics</i> , 2009 , 106, 123901	2.5	76
1	Size-Dependent Structural and Magnetic Properties of LaCoO ₃ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 13522-13526	3.8	27