Yuqiao Guo

List of Publications by Year in descending order

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		126708	106150
76	4,344	33	65
papers	citations	h-index	g-index

79	79	79	7063
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metallic Nickel Hydroxide Nanosheets Give Superior Electrocatalytic Oxidation of Urea for Fuel Cells. Angewandte Chemie - International Edition, 2016, 55, 12465-12469.	7.2	356
2	Surface chemical-modification for engineering the intrinsic physical properties of inorganic two-dimensional nanomaterials. Chemical Society Reviews, 2015, 44, 637-646.	18.7	302
3	Hydrogen-Incorporated TiS₂ Ultrathin Nanosheets with Ultrahigh Conductivity for Stamp-Transferrable Electrodes. Journal of the American Chemical Society, 2013, 135, 5144-5151.	6.6	273
4	Semimetallic molybdenum disulfide ultrathin nanosheets as an efficient electrocatalyst for hydrogen evolution. Nanoscale, 2014, 6, 8359-8367.	2.8	248
5	Ultrathin Nanosheets of Vanadium Diselenide: A Metallic Twoâ€Dimensional Material with Ferromagnetic Chargeâ€Densityâ€Wave Behavior. Angewandte Chemie - International Edition, 2013, 52, 10477-10481.	7.2	242
6	Engineering the Electronic State of a Perovskite Electrocatalyst for Synergistically Enhanced Oxygen Evolution Reaction. Advanced Materials, 2015, 27, 5989-5994.	11.1	236
7	Metallic Nickel Hydroxide Nanosheets Give Superior Electrocatalytic Oxidation of Urea for Fuel Cells. Angewandte Chemie, 2016, 128, 12653-12657.	1.6	233
8	Spin-State Regulation of Perovskite Cobaltite to Realize Enhanced Oxygen Evolution Activity. CheM, 2017, 3, 812-821.	5.8	225
9	Acid-Assisted Exfoliation toward Metallic Sub-nanopore TaS₂ Monolayer with High Volumetric Capacitance. Journal of the American Chemical Society, 2018, 140, 493-498.	6.6	112
10	Modulation of Metal and Insulator States in 2D Ferromagnetic VS₂ by van der Waals Interaction Engineering. Advanced Materials, 2017, 29, 1700715.	11.1	112
11	Very Large-Sized Transition Metal Dichalcogenides Monolayers from Fast Exfoliation by Manual Shaking. Journal of the American Chemical Society, 2017, 139, 9019-9025.	6.6	109
12	Size-dependent magnetic properties and Raman spectra of La2NiMnO6 nanoparticles. Journal of Applied Physics, 2009, 106, .	1.1	97
13	Double-Exchange Effect in Two-Dimensional MnO₂ Nanomaterials. Journal of the American Chemical Society, 2017, 139, 5242-5248.	6.6	94
14	High Phase Purity of Largeâ€Sized 1Tâ€²â€MoS₂ Monolayers with 2D Superconductivity. Advanced Materials, 2019, 31, e1900568.	11.1	88
15	Ultrathin nanosheets of feroxyhyte: a new two-dimensional material with robust ferromagnetic behavior. Chemical Science, 2014, 5, 2251-2255.	3.7	85
16	Signature of coexistence of superconductivity and ferromagnetism in two-dimensional NbSe2 triggered by surface molecular adsorption. Nature Communications, 2016, 7, 11210.	5.8	85
17	Size-Induced Griffiths Phase and Second-Order Ferromagnetic Transition in Sm_{0.5}Sr_{0.5}MnO₃ Nanoparticles. Journal of Physical Chemistry C, 2011, 115, 1535-1540.	1.5	67
18	Twoâ€Dimensional Tellurium Nanosheets Exhibiting an Anomalous Switchable Photoresponse with Thickness Dependence. Angewandte Chemie - International Edition, 2018, 57, 13533-13537.	7.2	67

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19	Halfâ€Metallic Behavior in 2D Transition Metal Dichalcogenides Nanosheets by Dualâ€Nativeâ€Defects Engineering. Advanced Materials, 2017, 29, 1703123.	11.1	65
20	Near room-temperature magnetoresistance effect in double perovskite La2NiMnO6. Applied Physics Letters, 2013, 102, .	1.5	64
21	Hydrogen dangling bonds induce ferromagnetism in two-dimensional metal-free graphitic-C₃N₄ nanosheets. Chemical Science, 2015, 6, 283-287.	3.7	62
22	Griffiths phase, spin-phonon coupling, and exchange bias effect in double perovskite Pr2CoMnO6. Journal of Applied Physics, 2014, 116, .	1.1	58
23	Tunable exchange bias effect in Sr-doped double perovskite La₂NiMnO₆. Journal Physics D: Applied Physics, 2013, 46, 175302.	1.3	57
24	Nature of short-range ferromagnetic ordered state above TC in double perovskite La2NiMnO6. Applied Physics Letters, 2010, 96, .	1.5	56
25	The Hydric Effect in Inorganic Nanomaterials for Nanoelectronics and Energy Applications. Advanced Materials, 2015, 27, 3850-3867.	11.1	55
26	Molecule-Confined Engineering toward Superconductivity and Ferromagnetism in Two-Dimensional Superlattice. Journal of the American Chemical Society, 2017, 139, 16398-16404.	6.6	54
27	Disorder Enhanced Superconductivity toward TaS₂ Monolayer. ACS Nano, 2018, 12, 9461-9466.	7.3	54
28	Stoichiometric two-dimensional non-van der Waals AgCrS2 with superionic behaviour at room temperature. Nature Chemistry, 2021, 13, 1235-1240.	6.6	50
29	Large Negative Magnetoresistance Induced by Anionic Solid Solutions in Two-Dimensional Spin-Frustrated Transition Metal Chalcogenides. Physical Review Letters, 2014, 113, 157202.	2.9	39
30	Griffiths phase and exchange bias in La1â^'xCaxMnO3 (x=0.50, 0.67, and 0.75) nanoparticles. Journal of Applied Physics, 2010, 107, 033906.	1.1	38
31	Hydrogen Treatment for Superparamagnetic VO₂ Nanowires with Large Roomâ€Temperature Magnetoresistance. Angewandte Chemie - International Edition, 2016, 55, 8018-8022.	7.2	37
32	Size-Dependent Structural and Magnetic Properties of LaCoO₃ Nanoparticles. Journal of Physical Chemistry C, 2009, 113, 13522-13526.	1.5	36
33	Amine-assisted exfoliation and electrical conductivity modulation toward few-layer FePS₃ nanosheets for efficient hydrogen evolution. Journal of Materials Chemistry A, 2019, 7, 13928-13934.	5.2	36
34	Size-dependent structure and magnetic properties of DyMnO3 nanoparticles. Journal of Applied Physics, 2014, 116, .	1.1	34
35	Imaging metal-like monoclinic phase stabilized by surface coordination effect in vanadium dioxide nanobeam. Nature Communications, 2017, 8, 15561.	5.8	33
36	Particle Size Effects on Charge and Spin Correlations in Nd_{0.5}Ca_{0.5}MnO₃ Nanoparticles. Journal of Physical Chemistry C, 2011, 115, 11500-11506.	1.5	30

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37	In situ unravelling structural modulation across the charge-density-wave transition in vanadium disulfide. Physical Chemistry Chemical Physics, 2015, 17, 13333-13339.	1.3	24
38	Solution Processing for Lateral Transition-Metal Dichalcogenides Homojunction from Polymorphic Crystal. Journal of the American Chemical Society, 2019, 141, 592-598.	6.6	24
39	Nature of ferromagnetic ordered state in LaCoO3 epitaxial nano-thin film on LaAlO3 substrate. Journal of Alloys and Compounds, 2014, 594, 158-164.	2.8	23
40	Local Valence and Hole-Doping Effect on Magnetic Properties in Double Perovskite La2NiMnO6. Journal of Superconductivity and Novel Magnetism, 2013, 26, 3287-3292.	0.8	19
41	Electron Transport in Low Dimensional Solids: A Surface Chemistry Perspective. Journal of the American Chemical Society, 2019, 141, 723-732.	6.6	19
42	Simple polymer assisted deposition and strain-induced ferromagnetism of LaCoO3 epitaxial thin films. Surface and Coatings Technology, 2013, 226, 108-112.	2.2	18
43	Fast Lithium Ion Conductivity in Layered (Liâ€“Ag)CrS₂. Journal of the American Chemical Society, 2020, 142, 18645-18651.	6.6	18
44	Facile synthesis of Ca-doped manganite nanoparticles by a nonaqueous solâ€“gel method and their magnetic properties. Materials Chemistry and Physics, 2010, 120, 75-78.	2.0	17
45	Short-Range Magnetic Ordered State Above T C in Double Perovskite Dy 2 NiMnO 6. Journal of Superconductivity and Novel Magnetism, 2015, 28, 53-59.	0.8	17
46	Superparamagnetic Reduced Graphene Oxide with Large Magnetoresistance: A Surface Modulation Strategy. Angewandte Chemie - International Edition, 2016, 55, 3176-3180.	7.2	16
47	Freestanding Cubic ZrN Single-Crystalline Films with Two-Dimensional Superconductivity. Journal of the American Chemical Society, 2019, 141, 10183-10187.	6.6	16
48	Magnetic phase diagram of nanosized half-doped manganites: role of size reduction. Dalton Transactions, 2012, 41, 7109.	1.6	14
49	Hostâ€“Guest Intercalation Chemistry for the Synthesis and Modification of Twoâ€Ðimensional Transition Metal Dichalcogenides. Advanced Materials, 2022, 34, e2200425.	11.1	14
50	Promoting the water reduction reaction of transition metal dichalcogenides in a basic electrolyte by interface engineering. Journal of Materials Chemistry A, 2018, 6, 17488-17494.	5.2	13
51	High-temperature thermoelectric characteristics of B-site substituted Yb0.1Ca0.9Mn1â^'x Nb x O3 system (0â‰¤xâ‰¤0.1). Applied Physics A: Materials Science and Processing, 2013, 112, 1003-1009.	1.1	12
52	Hierarchical palladium catalyst for highly active and stable water oxidation in acidic media. National Science Review, 2023, 10, .	4.6	12
53	Observation of a Griffiths-like phase in Ca-doped cobaltites. Journal of Applied Physics, 2013, 114, 163903.	1.1	11
54	Ultrathin nanosheets of Mn3O4: A new two-dimensional ferromagnetic material with strong magnetocrystalline anisotropy. Frontiers of Physics, 2018, 13, 1.	2.4	11

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55	Room-temperature ligancy engineering of perovskite electrocatalyst for enhanced electrochemical water oxidation. Nano Research, 2019, 12, 2296-2301.	5.8	11
56	Influence of annealing atmosphere on the properties of La0.5Sr0.5MnO3. Solid State Communications, 2010, 150, 371-374.	0.9	10
57	Size-induced transition from nonâ€“Griffiths-like to Griffiths-like clustered phase above the Curie temperature. Europhysics Letters, 2012, 98, 57004.	0.7	10
58	Optical Study of Nanosize Effects on Charge Ordering in Half-Doped Manganites. Journal of Physical Chemistry C, 2013, 117, 8989-8996.	1.5	9
59	Superparamagnetic Reduced Graphene Oxide with Large Magnetoresistance: A Surface Modulation Strategy. Angewandte Chemie, 2016, 128, 3228-3232.	1.6	9
60	Intercalation-assisted Exfoliation Strategy for Two-dimensional Materials Preparation. Chemical Research in Chinese Universities, 2020, 36, 518-524.	1.3	9
61	Quantum Griffiths Singularity in a Layered Superconducting Organicâ€“Inorganic Hybrid Superlattice. , 2021, 3, 210-216.		9
62	A-site ion-size effect on the transport and magnetic properties of Ce doping Pr0.3Ce0.2CaxSr0.5â^'xMnO3 (0â‰¤xâ‰¤0.25). Journal of Applied Physics, 2011, 109, .	1.1	8
63	Size-dependent ferromagnetic phase transition in Sm0.5Sr0.5MnO3 nanoparticles. Journal of Applied Physics, 2012, 111, 056104.	1.1	8
64	Room-temperature large magnetic-dielectric coupling in new phase anatase VTiO4. Chemical Communications, 2013, 49, 10462.	2.2	7
65	Size-dependent multiple magnetic phases and exchange bias effect in hole-doped double perovskite La_{1.6}Sr_{0.4}NiMnO₆. Journal Physics D: Applied Physics, 2014, 47, 485003.	1.3	7
66	The magnetic properties and spinâ€“phonon coupling of Pr₂CoMnO₆particles. Materials Research Express, 2015, 2, 076104.	0.8	6
67	Hydrogen Treatment for Superparamagnetic VO₂ Nanowires with Large Roomâ€Temperature Magnetoresistance. Angewandte Chemie, 2016, 128, 8150-8154.	1.6	6
68	Epitaxial Growth of Strain-Induced Ferromagnetic LaCoO₃ Thin Films by Simple Solâ€“Gel Technique. Nano, 2016, 11, 1650030.	0.5	6
69	High-temperature metalâ€“insulator transition in YxCa1â^'xMnO3 (0.05â©½xâ©½0.12): An electron-spin resonance study. Journal of Alloys and Compounds, 2014, 582, 37-42.	2.8	5
70	Twoâ€Dimensional Tellurium Nanosheets Exhibiting an Anomalous Switchable Photoresponse with Thickness Dependence. Angewandte Chemie, 2018, 130, 13721-13725.	1.6	3
71	Spin-Dependent Transport at 2D Solids: From Nonmagnetic Layers to Ferromagnetic van der Waals Structures. Journal of Physical Chemistry Letters, 2021, 12, 9730-9740.	2.1	3
72	Change from electronlike to holelike carriers in MgCNi3 via doping with B or Zn. Materials Chemistry and Physics, 2013, 138, 743-746.	2.0	2

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73	Positive magnetoresistance in Ca-doped cobaltites. Applied Physics Letters, 2014, 105, 232408.	1.5	2
74	Ferromagnetism Enhanced by Lattice Distortion in Fine La5/3Sr1/3NiO4 Particles. Journal of Superconductivity and Novel Magnetism, 2010, 23, 411-415.	0.8	0
75	Negative slope of resistivityâ€“temperature curve and positive magnetoresistance in antiperovskite ZnCNi3â^'x Mn x (1.15â‰¤xâ‰¤1.5). Applied Physics A: Materials Science and Processing, 2014, 114, 833-838.	1.1	0
76	Surface chemical-modification of inorganic two-dimensional nanomaterials for engineering the intrinsic magnetic properties and related applications. Chinese Science Bulletin, 2017, 62, 2208-2219.	0.4	0