

Ning Lu

List of Publications by Year in descending order

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33
papers

2,060
citations

471477

17
h-index

395678

33
g-index

33
all docs

33
docs citations

33
times ranked

3155
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen-incorporated vanadium dioxide nanosheets enable efficient uranium confinement and photoreduction. <i>Nano Research</i> , 2022, 15, 2943-2951.	10.4	14
2	Anisotropic Electrene $\text{Te}^{2-}\text{Ca}_2\text{P}$ with Spin-Polarized Channel-Like Electron Gas as Anode Material for Na/K Ion Batteries. <i>Physical Chemistry Chemical Physics</i> , 2022, , .	2.8	5
3	Dual ϵ Regulation of Defect Sites and Vertical Conduction by Spiral Domain for Electrocatalytic Hydrogen Evolution. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
4	Dual ϵ Regulation of Defect Sites and Vertical Conduction by Spiral Domain for Electrocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	35
5	Back ϵ Gated van der Waals Heterojunction Manipulates Local Charges toward Fine ϵ Tuning Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	20
6	Back ϵ Gated van der Waals Heterojunction Manipulates Local Charges toward Fine ϵ Tuning Hydrogen Evolution. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	8
7	Insulin-Induced Gene 2 Expression Is Associated with Breast Cancer Metastasis. <i>American Journal of Pathology</i> , 2021, 191, 385-395.	3.8	2
8	Single copper sites dispersed on hierarchically porous carbon for improving oxygen reduction reaction towards zinc-air battery. <i>Nano Research</i> , 2021, 14, 998-1003.	10.4	50
9	Ligand-mediated strategy for the fabrication of hollow Fe-MOFs and their derived Fe/NC nanostructures with an enhanced oxygen reduction reaction. <i>CrystEngComm</i> , 2021, 23, 528-532.	2.6	3
10	Successful Use of Nivolumab in a Patient with Head and Neck Cancer After Allogeneic Bone Marrow Transplantation. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 929-936.	2.0	2
11	Spontaneous Polarity Flipping in a 2D Heterobilayer Induced by Fluctuating Interfacial Carrier Flows. <i>Nano Letters</i> , 2021, 21, 6773-6780.	9.1	7
12	Influences of the lncRNA TUG1 ϵ miRNA ϵ 34 ϵ 5p network on fibroblast ϵ like synoviocytes (FLSs) dysfunction in rheumatoid arthritis through targeting the lactate dehydrogenase A (LDHA). <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23969.	2.1	15
13	Single-atom Fe ϵ N ₄ site for the hydrogenation of nitrobenzene: theoretical and experimental studies. <i>Dalton Transactions</i> , 2021, 50, 7995-8001.	3.3	2
14	miRNA ϵ 490 ϵ 3p promotes the metastatic progression of invasive ductal carcinoma. <i>Oncology Reports</i> , 2020, 45, 706-716.	2.6	4
15	Flame-Retardant Bilayer Separator with Multifaceted van der Waals Interaction for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26402-26411.	8.0	40
16	Penta-MX ₂ (M = Ni, Pd and Pt; X = P and As) monolayers: direct band-gap semiconductors with high carrier mobility. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3569-3575.	5.5	34
17	Copper(<i>scpi</i>) sulfide: a two-dimensional semiconductor with superior oxidation resistance and high carrier mobility. <i>Nanoscale Horizons</i> , 2019, 4, 223-230.	8.0	51
18	CaP ₃ : A New Two-Dimensional Functional Material with Desirable Band Gap and Ultrahigh Carrier Mobility. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1728-1733.	4.6	112

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19	P3Cl ₂ : A Unique Post-Phosphorene 2D Material with Superior Properties against Oxidation. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6568-6575.	4.6	16
20	Eriodictyol Attenuates Myocardial Ischemia-Reperfusion Injury through the Activation of JAK2. <i>Frontiers in Pharmacology</i> , 2018, 9, 33.	3.5	26
21	Copper-Catalyzed Difunctionalization of Allenes with Sulfonyl Iodides Leading to α -Iodomethyl Vinylsulfones. <i>Organic Letters</i> , 2018, 20, 4318-4322.	4.6	45
22	Effects of line defects on the electronic properties of ZnO nanoribbons and sheets. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3121-3129.	5.5	16
23	Twisted MX ₂ /MoS ₂ heterobilayers: effect of van der Waals interaction on the electronic structure. <i>Nanoscale</i> , 2017, 9, 19131-19138.	5.6	43
24	CO ₂ Capture on h-BN Sheet with High Selectivity Controlled by External Electric Field. <i>Journal of Physical Chemistry C</i> , 2015, 119, 6912-6917.	3.1	183
25	Activation of the Epidermal Growth Factor Receptor in Macrophages Regulates Cytokine Production and Experimental Colitis. <i>Journal of Immunology</i> , 2014, 192, 1013-1023.	0.8	80
26	van der Waals trilayers and superlattices: modification of electronic structures of MoS ₂ by intercalation. <i>Nanoscale</i> , 2014, 6, 4566-4571.	5.6	111
27	Electronic structure engineering in chemically modified ultrathin ZnO nanofilms via a built-in heterointerface. <i>RSC Advances</i> , 2014, 4, 18718-18723.	3.6	7
28	MoS ₂ /MX ₂ heterobilayers: bandgap engineering via tensile strain or external electrical field. <i>Nanoscale</i> , 2014, 6, 2879-2886.	5.6	326
29	Tuning Electronic and Magnetic Properties of Early Transition-Metal Dichalcogenides via Tensile Strain. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7242-7249.	3.1	216
30	Cloning of ubiquitin-activating enzyme and ubiquitin-conjugating enzyme genes from <i>Gracilaria lemaneiformis</i> and their activity under heat shock. <i>Gene</i> , 2014, 538, 155-163.	2.2	9
31	Phosphorene Nanoribbons, Phosphorus Nanotubes, and van der Waals Multilayers. <i>Journal of Physical Chemistry C</i> , 2014, 118, 14051-14059.	3.1	544
32	Molecular cloning and expression analysis of glutathione peroxidase and glutathione reductase from <i>Gracilaria lemaneiformis</i> under heat stress. <i>Journal of Applied Phycology</i> , 2013, 25, 1925-1931.	2.8	17
33	Gene Cloning, Expression and Activity Analysis of Manganese Superoxide Dismutase from Two Strains of <i>Gracilaria lemaneiformis</i> (Gracilariaceae, Rhodophyta) under Heat Stress. <i>Molecules</i> , 2012, 17, 4522-4532.	3.8	13