Qinghong Kong

List of Publications by Year
in descending order

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61 papers	2,320 citations	257450 24 h-index	214800 47 g-index
61 all docs	61 docs citations	61 times ranked	2128 citing authors

#	Article	IF	Citations
1	A channel-confined strategy for synthesizing CoN-CoOx/C as efficient oxygen reduction electrocatalyst for advanced zinc-air batteries. Nano Research, 2022, 15, 2092-2103.	10.4	33
2	Influence of multiply modified FeCu-montmorillonite on fire safety and mechanical performances of epoxy resin nanocomposites. Thermochimica Acta, 2022, 707, 179112.	2.7	36
3	In Situ Carbon-coated Ni0.85Se@C Composite with High Performance for Sodium-ion Batteries. Chemistry Letters, 2022, 51, 221-223.	1.3	0
4	Moving MoO₂/C Nanospheres with the Functions of Enrichment and Sensing for Online-High-Throughput SERS Detection. Analytical Chemistry, 2022, 94, 7029-7034.	6.5	9
5	Controllable Solid-Phase Fabrication of an Fe₂O₃/Fe₅C₂/Feâ€“Nâ€“C Electrocatalyst toward Optimizing the Oxygen Reduction Reaction in Zincâ€“Air Batteries. Nano Letters, 2022, 22, 4879-4887.	9.1	72
6	Growing Coâ€“Niâ€“Se nanosheets on 3D carbon frameworks as advanced dual functional electrodes for supercapacitors and sodium ion batteries. Inorganic Chemistry Frontiers, 2022, 9, 3933-3942.	6.0	34
7	Polyphosphazene-wrapped Feâ€“MOF for improving flame retardancy and smoke suppression of epoxy resins. Journal of Thermal Analysis and Calorimetry, 2021, 144, 51-59.	3.6	25
8	Boosting flame retardancy of epoxy resin composites through incorporating ultrathin nickel phenylphosphate nanosheets. Journal of Applied Polymer Science, 2021, 138, 50265.	2.6	16
9	Vanadium dioxide nanostructures with remarkable surface-enhanced Raman scattering activity. Chemical Communications, 2021, 57, 4815-4818.	4.1	7
10	General molten-salt route to three-dimensional porous transition metal nitrides as sensitive and stable Raman substrates. Nature Communications, 2021, 12, 1376.	12.8	27
11	Selective Preparation of Mo₂N and MoN with High Surface Area for Flexible SERS Sensing. Nano Letters, 2021, 21, 4410-4414.	9.1	33
12	Zephyranthes-like Co2NiSe4 arrays grown on 3D porous carbon frame-work as electrodes for advanced supercapacitors and sodium-ion batteries. Nano Research, 2021, 14, 3598-3607.	10.4	60
13	Suppressing fire hazard of poly(vinyl alcohol) based on (<scp>NH₄</scp>)₂[<scp>VO</scp>(<scp>HPO₄</scp>)]₂(<scp>C₂ with layered structure. Journal of Applied Polymer Science, 2021, 138, 51345.	2.6	8
14	General Microwave Route to Single-Crystal Porous Transition Metal Nitrides for Highly Sensitive and Stable Raman Scattering Substrates. Nano Letters, 2021, 21, 7724-7731.	9.1	9
15	CoSnO₃ Nanocubes Wrapped by Carbon Nanofibers for Improving Lithiumâ€“Sulfur Battery Performances. ChemistrySelect, 2021, 6, 9453-9457.	1.5	1
16	Biomorphic NiO/Ni with a Regular Poreâ€Array Structure as a Supercapacitor Electrode Material. European Journal of Inorganic Chemistry, 2021, 2021, 562-566.	2.0	4
17	Improving the flame-retardant efficiency of layered double hydroxide with disodium phenylphosphate for epoxy resin. Journal of Thermal Analysis and Calorimetry, 2020, 140, 149-156.	3.6	45
18	Effect of Graphene Oxideâ€“Modified Cobalt Nickel Phosphate on Flame Retardancy of Epoxy Resin. Frontiers in Materials, 2020, 7, .	2.4	5

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19	Preparation of CoSnO₃/CNTs/S and its Electrochemical Performance as Cathode Material for Lithiumâ€Sulfur Batteries. ChemElectroChem, 2020, 7, 4209-4217.	3.4	14
20	Co₃O₄ on Fe, N Doped Bioâ€Carbon Substrate for Electrocatalysis of Oxygen Reduction. European Journal of Inorganic Chemistry, 2020, 2020, 3869-3876.	2.0	4
21	A Promising Hard Carbonâ^'Soft Carbon Composite Anode with Boosting Sodium Storage Performance. ChemElectroChem, 2020, 7, 4010-4015.	3.4	31
22	Hollow N-doped Carbon/Metal Phosphate Structure as Sulfur Host for an Advanced Cathode of Lithium-Sulfur Battery. Chemistry Letters, 2020, 49, 677-680.	1.3	5
23	High N-doped hierarchical porous carbon networks with expanded interlayers for efficient sodium storage. Nano Research, 2020, 13, 2862-2868.	10.4	94
24	Facile in situ fabrication of biomorphic Co₂P-Co₃O₄/rGO/C as an efficient electrocatalyst for the oxygen reduction reaction. Nanoscale, 2020, 12, 4374-4382.	5.6	68
25	Gasâ€Sensing Activity of Amorphous Copper Oxide Porous Nanosheets. ChemistryOpen, 2020, 9, 80-86.	1.9	11
26	Preparation and lithium storage performances of g-C3N4/Si nanocomposites as anode materials for lithium-ion battery. Frontiers in Energy, 2020, 14, 759-766.	2.3	8
27	Improving Flame Retardancy of Epoxy Resin Nanocomposites by Carbon Nanotubes Grafted CuAl-Layered Double Hydroxide Hybrid. Journal of Nanoscience and Nanotechnology, 2020, 20, 6406-6412.	0.9	6
28	Simultaneously improving flame retardancy and dynamic mechanical properties of epoxy resin nanocomposites through synergistic effect of zirconium phenylphosphate and POSS. Journal of Thermal Analysis and Calorimetry, 2019, 135, 2117-2124.	3.6	28
29	NiAl Layered Double Hydroxide Flowers with Ultrathin Structure Grown on 3D Graphene for Highâ€Performance Supercapacitors. European Journal of Inorganic Chemistry, 2019, 2019, 3719-3723.	2.0	13
30	Ultrathin iron phenyl phosphonate nanosheets with appropriate thermal stability for improving fire safety in epoxy. Composites Science and Technology, 2019, 182, 107748.	7.8	88
31	Constructing Cu2O@Ni-Al LDH core-shell structure for high performance supercapacitor electrode material. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	7
32	Quasi-Metal for Highly Sensitive and Stable Surface-Enhanced Raman Scattering. IScience, 2019, 19, 836-849.	4.1	19
33	Improving Fire Safety of Epoxy Resin with Alkyl Glycoside Modified CuAl-Layered Double Hydroxide. Journal of Nanoscience and Nanotechnology, 2019, 19, 4571-4577.	0.9	1
34	Functionalized Montmorillonite Intercalation Iron Compounds for Improving Flame Retardancy of Epoxy Resin Nanocomposites. Journal of Nanoscience and Nanotechnology, 2019, 19, 5803-5809.	0.9	8
35	Molten Salt-assisted Magnesiothermic Reduction Synthesis of Spherical Si Hollow Structure as Promising Anode Materials of Lithium Ion Batteries. Chemistry Letters, 2019, 48, 1547-1550.	1.3	8
36	Co, Mn-LDH nanoneedle arrays grown on Ni foam for high performance supercapacitors. Applied Surface Science, 2019, 469, 487-494.	6.1	179

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37	Simultaneously improving the fire safety and mechanical properties of epoxy resin with Fe-CNTs via large-scale preparation. Journal of Materials Chemistry A, 2018, 6, 6376-6386.	10.3	183
38	Simultaneously improving flame retardancy and dynamic mechanical properties of epoxy resin nanocomposites through layered copper phenylphosphate. Composites Science and Technology, 2018, 154, 136-144.	7.8	146
39	Germanium-based complex derived porous GeO2 nanoparticles for building high performance Li-ion batteries. Ceramics International, 2018, 44, 1127-1133.	4.8	31
40	Fabrication of Porous ZnO/Co₃O₄ Composites for Improving Cycling Stability of Supercapacitors. Journal of Nanoscience and Nanotechnology, 2018, 18, 4884-4890.	0.9	12
41	Thermal Stability and Flame Retardancy of Polypropylene/NiAl Layered Double Hydroxide Nanocomposites. Journal of Nanoscience and Nanotechnology, 2018, 18, 1051-1056.	0.9	8
42	Graphene Oxide Nanocoating Prevents Flame Spread on Polyurethane Sponge. Journal of Nanoscience and Nanotechnology, 2018, 18, 5105-5112.	0.9	5
43	Improving the Thermal Stability and Flame Retardancy of PP/IFR Composites by NiAl-Layered Double Hydroxide. Journal of Nanoscience and Nanotechnology, 2018, 18, 3660-3665.	0.9	9
44	Effect on thermal and combustion behaviors of montmorillonite intercalation nickel compounds in polypropylene/IFR system. Polymers for Advanced Technologies, 2017, 28, 965-970.	3.2	21
45	Improving flame retardancy of IFR/PP composites through the synergistic effect of organic montmorillonite intercalation cobalt hydroxides modified by acidified chitosan. Applied Clay Science, 2017, 146, 230-237.	5.2	98
46	Improving flame retardancy of PP/MH/RP composites through synergistic effect of organic CoAl-layered double hydroxide. Journal of Thermal Analysis and Calorimetry, 2017, 129, 1039-1046.	3.6	19
47	General fabrication and enhanced VOC gas-sensing properties of hierarchically porous metal oxides. RSC Advances, 2017, 7, 35897-35904.	3.6	18
48	Improving Thermal and Flame Retardant Properties of Epoxy Resin with Organic NiFeâ€Layered Double Hydroxideâ€Carbon Nanotubes Hybrids. Chinese Journal of Chemistry, 2017, 35, 1875-1880.	4.9	27
49	Ultrathin Ni-Al layered double hydroxide nanosheets with enhanced supercapacitor performance. Ceramics International, 2017, 43, 14395-14400.	4.8	52
50	MOF-derived bi-metal embedded N-doped carbon polyhedral nanocages with enhanced lithium storage. Journal of Materials Chemistry A, 2017, 5, 266-274.	10.3	341
51	Effect of Fe-Montmorillonite on Flammability Behavior in Polypropylene/Magnesium Hydroxide Composites. Journal of Nanoscience and Nanotechnology, 2016, 16, 8287-8293.	0.9	8
52	Flame-retardant effect of montmorillonite intercalation iron compounds in polypropylene/aluminum hydroxide composites system. Journal of Thermal Analysis and Calorimetry, 2016, 124, 807-814.	3.6	16
53	Few layered Co(OH)₂ultrathin nanosheet-based polyurethane nanocomposites with reduced fire hazard: from eco-friendly flame retardance to sustainable recycling. Green Chemistry, 2016, 18, 3066-3074.	9.0	171
54	Improved flame-retardant properties of HIPS/ATH system by organo Fe-montmorillonite. Nanomaterials and Energy, 2015, 4, 159-166.	0.2	0

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55	Improved flame-retardant properties of HIPS/ATH system by organo Fe-montmorillonite. Nanomaterials and Energy, 2015, 4, 1-8.	0.2	2
56	Sustainable processing of waste polypropylene to produce high yield valuable Fe/carbon nanotube nanocomposites. CrystEngComm, 2014, 16, 8832-8840.	2.6	24
57	Self-assembled synthesis of carbon-coated Fe3O4 composites with firecracker-like structures from catalytic pyrolysis of polyamide. RSC Advances, 2014, 4, 6991.	3.6	15
58	Synergistic effect of organophilic Fe-montmorillonite on flammability in polypropylene/intumescent flame retardant system. Journal of Thermal Analysis and Calorimetry, 2014, 117, 693-699.	3.6	24
59	Converting Polyethylene Waste into Large Scale One-Dimensional Fe₃O₄@C Composites by a Facile One-Pot Process. Industrial & Engineering Chemistry Research, 2013, 52, 5708-5712.	3.7	30
60	Kinetics of thermo-oxidative degradation of polypropylene/aluminum trihydroxide/organo Fe-montmorillonite nanocomposites. Journal of Thermal Analysis and Calorimetry, 2011, 104, 1145-1151.	3.6	10
61	Synergistic flammability and thermal stability of polypropylene/aluminum trihydroxide/Feâ€montmorillonite nanocomposites. Polymers for Advanced Technologies, 2009, 20, 404-409.	3.2	34