# Qinghong Kong

List of Publications by Year
in descending order

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

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | 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 |
| 3 | Co, Mn-LDH nanoneedle arrays grown on Ni foam for high performance supercapacitors. Applied Surface Science, 2019, 469, 487-494. | 6.1 | 179 |
| 4 | Few layered Co(OH)<sub>2</sub>ultrathin 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | High N-doped hierarchical porous carbon networks with expanded interlayers for efficient sodium storage. Nano Research, 2020, 13, 2862-2868. | 10.4 | 94 |
| 8 | 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 |
| 9 | Controllable Solid-Phase Fabrication of an Fe<sub>2</sub>O<sub>3</sub>/Fe<sub>5</sub>C<sub>2</sub>/Feâ€“Nâ€“C Electrocatalyst toward Optimizing the Oxygen Reduction Reaction in Zincâ€“Air Batteries. Nano Letters, 2022, 22, 4879-4887. | 9.1 | 72 |
| 10 | Facile in situ fabrication of biomorphic Co<sub>2</sub>P-Co<sub>3</sub>O<sub>4</sub>/rGO/C as an efficient electrocatalyst for the oxygen reduction reaction. Nanoscale, 2020, 12, 4374-4382. | 5.6 | 68 |
| 11 | 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 |
| 12 | Ultrathin Ni-Al layered double hydroxide nanosheets with enhanced supercapacitor performance. Ceramics International, 2017, 43, 14395-14400. | 4.8 | 52 |
| 13 | 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 |
| 14 | Influence of multiply modified FeCu-montmorillonite on fire safety and mechanical performances of epoxy resin nanocomposites. Thermochimica Acta, 2022, 707, 179112. | 2.7 | 36 |
| 15 | Synergistic flammability and thermal stability of polypropylene/aluminum trihydroxide/Feâ€montmorillonite nanocomposites. Polymers for Advanced Technologies, 2009, 20, 404-409. | 3.2 | 34 |
| 16 | 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 |
| 17 | Selective Preparation of Mo<sub>2</sub>N and MoN with High Surface Area for Flexible SERS Sensing. Nano Letters, 2021, 21, 4410-4414. | 9.1 | 33 |
| 18 | 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 |

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|---|---|---|---|
| 19 | Germanium-based complex derived porous GeO2 nanoparticles for building high performance Li-ion batteries. Ceramics International, 2018, 44, 1127-1133. | 4.8 | 31 |
| 20 | A Promising Hard Carbonâ"Soft Carbon Composite Anode with Boosting Sodium Storage Performance. ChemElectroChem, 2020, 7, 4010-4015. | 3.4 | 31 |
| 21 | Converting Polyethylene Waste into Large Scale One-Dimensional Fe<sub>3</sub>O<sub>4</sub>@C Composites by a Facile One-Pot Process. Industrial & Engineering Chemistry Research, 2013, 52, 5708-5712. | 3.7 | 30 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Sustainable processing of waste polypropylene to produce high yield valuable Fe/carbon nanotube nanocomposites. CrystEngComm, 2014, 16, 8832-8840. | 2.6 | 24 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Quasi-Metal for Highly Sensitive and Stable Surface-Enhanced Raman Scattering. IScience, 2019, 19, 836-849. | 4.1 | 19 |
| 31 | General fabrication and enhanced VOC gas-sensing properties of hierarchically porous metal oxides. RSC Advances, 2017, 7, 35897-35904. | 3.6 | 18 |
| 32 | 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 |
| 33 | Boosting flame retardancy of epoxy resin composites through incorporating ultrathin nickel phenylphosphate nanosheets. Journal of Applied Polymer Science, 2021, 138, 50265. | 2.6 | 16 |
| 34 | 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 |
| 35 | Preparation of CoSnO<sub>3</sub>/CNTs/S and its Electrochemical Performance as Cathode Material for Lithiumâ€Sulfur Batteries. ChemElectroChem, 2020, 7, 4209-4217. | 3.4 | 14 |
| 36 | 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 |

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|---|---|---|---|
| 37 | Fabrication of Porous ZnO/Co<sub>3</sub>O<sub>4</sub> Composites for Improving Cycling Stability of Supercapacitors. Journal of Nanoscience and Nanotechnology, 2018, 18, 4884-4890. | 0.9 | 12 |
| 38 | Gasâ€Sensing Activity of Amorphous Copper Oxide Porous Nanosheets. ChemistryOpen, 2020, 9, 80-86. | 1.9 | 11 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | Moving MoO<sub>2</sub>/C Nanospheres with the Functions of Enrichment and Sensing for Online-High-Throughput SERS Detection. Analytical Chemistry, 2022, 94, 7029-7034. | 6.5 | 9 |
| 43 | Effect of Fe-Montmorillonite on Flammability Behavior in Polypropylene/Magnesium Hydroxide Composites. Journal of Nanoscience and Nanotechnology, 2016, 16, 8287-8293. | 0.9 | 8 |
| 44 | Thermal Stability and Flame Retardancy of Polypropylene/NiAl Layered Double Hydroxide Nanocomposites. Journal of Nanoscience and Nanotechnology, 2018, 18, 1051-1056. | 0.9 | 8 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | Suppressing fire hazard of poly(vinyl alcohol) based on (<scp>NH<sub>4</sub></scp>)<sub>2</sub>[<scp>VO</scp>(<scp>HPO<sub>4</sub></scp>)]<sub>2</sub>(<scp>C<sub>2</sub></scp> with layered structure. Journal of Applied Polymer Science, 2021, 138, 51345. | 2.0 | 8 |
| 49 | Constructing Cu2O@Ni-Al LDH core-shell structure for high performance supercapacitor electrode material. Journal of Nanoparticle Research, 2019, 21, 1. | 1.9 | 7 |
| 50 | Vanadium dioxide nanostructures with remarkable surface-enhanced Raman scattering activity. Chemical Communications, 2021, 57, 4815-4818. | 4.1 | 7 |
| 51 | 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 |
| 52 | Graphene Oxide Nanocoating Prevents Flame Spread on Polyurethane Sponge. Journal of Nanoscience and Nanotechnology, 2018, 18, 5105-5112. | 0.9 | 5 |
| 53 | Effect of Graphene Oxideâ€“Modified Cobalt Nickel Phosphate on Flame Retardancy of Epoxy Resin. Frontiers in Materials, 2020, 7, . | 2.4 | 5 |
| 54 | 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 |

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|---|---|---|---|
| 55 | Co<sub>3</sub>O<sub>4</sub> on Fe, N Doped Bioâ€Carbon Substrate for Electrocatalysis of Oxygen Reduction. European Journal of Inorganic Chemistry, 2020, 2020, 3869-3876. | 2.0 | 4 |
| 56 | 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 |
| 57 | Improved flame-retardant properties of HIPS/ATH system by organo Fe-montmorillonite. Nanomaterials and Energy, 2015, 4, 1-8. | 0.2 | 2 |
| 58 | 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 |
| 59 | CoSnO<sub>3</sub> Nanocubes Wrapped by Carbon Nanofibers for Improving Lithiumâ€Sulfur Battery Performances. ChemistrySelect, 2021, 6, 9453-9457. | 1.5 | 1 |
| 60 | Improved flame-retardant properties of HIPS/ATH system by organo Fe-montmorillonite. Nanomaterials and Energy, 2015, 4, 159-166. | 0.2 | 0 |
| 61 | In Situ Carbon-coated Ni0.85Se@C Composite with High Performance for Sodium-ion Batteries. Chemistry Letters, 2022, 51, 221-223. | 1.3 | 0 |