# Yunyong Li

## List of Publications by Citations



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|---|---|---|---|
| 61 papers | 2,299 citations | 25 h-index | 47 g-index |
| 62 ext. papers | 2,765 ext. citations | 10.3 avg, IF | 5.31 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 61 | Simultaneous formation of ultrahigh surface area and three-dimensional hierarchical porous graphene-like networks for fast and highly stable supercapacitors. *Advanced Materials*, **2013**, 25, 2474-80 | 24 | 594 |
| 60 | Polymeric bionanocomposite cast thin films with in situ laccase-catalyzed polymerization of dopamine for biosensing and biofuel cell applications. *Journal of Physical Chemistry B*, **2010**, 114, 5016-24 | 3.4 | 120 |
| 59 | One-step synthesis of Ni3S2 nanoparticles wrapped with in situ generated nitrogen-self-doped graphene sheets with highly improved electrochemical properties in Li-ion batteries. *Journal of Materials Chemistry A*, **2014**, 2, 3142 | 13 | 116 |
| 58 | One-step synthesis of boron and nitrogen-dual-self-doped graphene sheets as non-metal catalysts for oxygen reduction reaction. *Journal of Materials Chemistry A*, **2013**, 1, 14700 | 13 | 97 |
| 57 | An extremely stable MnO2 anode incorporated with 3D porous graphene-like networks for lithium-ion batteries. *Journal of Materials Chemistry A*, **2014**, 2, 3163 | 13 | 82 |
| 56 | Electronic modulation of cobalt phosphide nanosheet arrays via copper doping for highly efficient neutral-pH overall water splitting. *Applied Catalysis B: Environmental*, **2020**, 265, 118555 | 21.8 | 74 |
| 55 | Nitrogen-Doped Carbon-Encapsulated SnO2@Sn Nanoparticles Uniformly Grafted on Three-Dimensional Graphene-like Networks as Anode for High-Performance Lithium-Ion Batteries. *ACS Applied Materials & Interfaces*, **2016**, 8, 197-207 | 9.5 | 73 |
| 54 | Hydrothermal growth of SnS2 hollow spheres and their electrochemical properties. *CrystEngComm*, **2012**, 14, 4279 | 3.3 | 73 |
| 53 | Ultrasmall metal oxide nanoparticles anchored on three-dimensional hierarchical porous gaphene-like networks as anode for high-performance lithium ion batteries. *Nano Energy*, **2015**, 13, 563-572 | 17.1 | 70 |
| 52 | Callistemon-like Zn and S codoped CoP nanorod clusters as highly efficient electrocatalysts for neutral-pH overall water splitting. *Journal of Materials Chemistry A*, **2019**, 7, 22453-22462 | 13 | 51 |
| 51 | Square wave voltammetric determination of Hg(II) using thiol functionalized chitosan-multiwalled carbon nanotubes nanocomposite film electrode. *Mikrochimica Acta*, **2010**, 169, 367-373 | 5.8 | 51 |
| 50 | Immobilization of enzymes at high load/activity by aqueous electrodeposition of enzyme-tethered chitosan for highly sensitive amperometric biosensing. *Biosensors and Bioelectronics*, **2010**, 25, 2644-50 | 11.8 | 47 |
| 49 | Chestnut-like copper cobalt phosphide catalyst for all-pH hydrogen evolution reaction and alkaline water electrolysis. *Journal of Materials Chemistry A*, **2019**, 7, 14271-14279 | 13 | 46 |
| 48 | Sulfur-infiltrated three-dimensional graphene-like material with hierarchical pores for highly stable lithium–sulfur batteries. *Journal of Materials Chemistry A*, **2014**, 2, 4528-4533 | 13 | 43 |
| 47 | Highly sensitive phenolic biosensor based on magnetic polydopamine-laccase-Fe3O4 bionanocomposite. *Sensors and Actuators B: Chemical*, **2012**, 168, 46-53 | 8.5 | 43 |
| 46 | Ultrahigh and Durable Volumetric Lithium/Sodium Storage Enabled by a Highly Dense Graphene-Encapsulated Nitrogen-Doped Carbon@Sn Compact Monolith. *Nano Letters*, **2020**, 20, 2034-2046 | 11.5 | 42 |
| 45 | Transparent and Self-Supporting Graphene Films with Wrinkled- Graphene-Wall-Assembled Opening Polyhedron Building Blocks for High Performance Flexible/Transparent Supercapacitors. *ACS Applied Materials & Interfaces*, **2017**, 9, 9763-9771 | 9.5 | 40 |

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|---|---|---|---|
| 44 | Ultrahigh-Volumetric-Energy-Density Lithium-Sulfur Batteries with Lean Electrolyte Enabled by Cobalt-Doped MoSe/TiCT MXene Bifunctional Catalyst. *ACS Nano*, **2021**, | 16.7 | 39 |
| 43 | SiO 2 @SnO 2 /graphene composite with a coating and hierarchical structure as high performance anode material for lithium ion battery. *Journal of Alloys and Compounds*, **2016**, 677, 237-244 | 5.7 | 32 |
| 42 | Highly stable electrocatalysts supported on nitrogen-self-doped three-dimensional graphene-like networks with hierarchical porous structures. *Journal of Materials Chemistry A*, **2015**, 3, 1492-1497 | 13 | 29 |
| 41 | Facile low-temperature synthesis of hematite quantum dots anchored on a three-dimensional ultra-porous graphene-like framework as advanced anode materials for asymmetric supercapacitors. *Journal of Materials Chemistry A*, **2016**, 4, 11247-11255 | 13 | 29 |
| 40 | Improvement in capacity retention of cathode material for high power density lithium ion batteries: The route of surface coating. *Applied Energy*, **2017**, 194, 540-548 | 10.7 | 28 |
| 39 | Enhancement of thermal conductivity in water-based nanofluids employing TiO2/reduced graphene oxide composites. *Journal of Materials Science*, **2016**, 51, 10104-10115 | 4.3 | 26 |
| 38 | Core□shell structure carbon coated ferric oxide (Fe2O3@C) nanoparticles for supercapacitors with superior electrochemical performance. *Journal of Alloys and Compounds*, **2015**, 639, 422-427 | 5.7 | 25 |
| 37 | Pseudocapacitive Transparent/Flexible Supercapacitor based on Graphene wrapped Ni(OH) 2 Nanosheet Transparent Film Produced using Scalable Bio-inspired Methods. *Electrochimica Acta*, **2016**, 219, 61-69 | 6.7 | 25 |
| 36 | Bimetallic PtAg alloyed nanoparticles and 3-D mesoporous graphene nanosheet hybrid architectures for advanced oxygen reduction reaction electrocatalysts. *Journal of Materials Chemistry A*, **2017**, 5, 23158-23169 | 13 | 23 |
| 35 | Hierarchical cobalt phosphide hollow nanoboxes as high performance bifunctional electrocatalysts for overall water splitting. *Materials Today Energy*, **2019**, 12, 443-452 | 7 | 21 |
| 34 | Synthesis and characterization of calcium and iron co-doped lanthanum silicate oxyapatites by sol□gel process for solid oxide fuel cells. *Journal of Power Sources*, **2015**, 293, 806-814 | 8.9 | 20 |
| 33 | Electrochemical performance of Li4Ti5O12/carbon nanotubes/graphene composite as an anode material in lithium-ion batteries. *International Journal of Hydrogen Energy*, **2017**, 42, 7195-7201 | 6.7 | 20 |
| 32 | NaCl multistage-recrystallization-induced formation of 3D micro-structured ribbon-like graphene based films for high performance flexible/transparent supercapacitors. *Journal of Materials Chemistry A*, **2017**, 5, 14595-14603 | 13 | 19 |
| 31 | High volumetric energy density Li-S batteries enabled by dense sulfur monolith cathodes with ultra-small-sized sulfur immobilizers. *Chemical Engineering Journal*, **2020**, 401, 126076 | 14.7 | 19 |
| 30 | Structural design of Ge-based anodes with chemical bonding for high-performance Na-ion batteries. *Energy Storage Materials*, **2019**, 20, 380-387 | 19.4 | 18 |
| 29 | Layered GeP-black P(Ge2P3): An advanced binary-phase anode for Li/Na-storage. *Ceramics International*, **2019**, 45, 15711-15714 | 5.1 | 17 |
| 28 | Synthesis of hierarchically flower-like FeWO 4 as high performance anode materials for Li-ion batteries by a simple hydrothermal process. *International Journal of Hydrogen Energy*, **2014**, 39, 16081-16087 | 6.7 | 17 |
| 27 | Novel graphene-like nanosheet supported highly active electrocatalysts with ultralow Pt loadings for oxygen reduction reaction. *Journal of Materials Chemistry A*, **2014**, 2, 16898-16904 | 13 | 17 |

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| 26 | Facile fabrication of graphene/nickel oxide composite with superior supercapacitance performance by using alcohols-reduced graphene as substrate. *Journal of Alloys and Compounds*, **2015**, 644, 165-171 | 5.7 | 16 |
| 25 | Microwave-assisted in situ synthesis of reduced graphene oxide/Mn3O4 composites for supercapacitor applications. *RSC Advances*, **2015**, 5, 45061-45067 | 3.7 | 15 |
| 24 | Ternary Cu2P7/CuP2/C composite: A high-performance multi-phase anode material for Li/Na-ion batteries endowed by heterointerfaces. *Journal of Alloys and Compounds*, **2019**, 803, 804-811 | 5.7 | 14 |
| 23 | General Strategy To Synthesize Highly Dense Metal Oxide Quantum Dots-Anchored Nitrogen-Rich Graphene Compact Monoliths To Enable Fast and High-Stability Volumetric Lithium/Sodium Storage. *ACS Applied Energy Materials*, **2019**, 2, 3500-3512 | 6.1 | 14 |
| 22 | Synthesis of Fe2O3/Ni(OH)2/graphene nanocomposite by one-step hydrothermal method for high-performance supercapacitor. *Journal of Materials Science*, **2016**, 51, 2877-2885 | 4.3 | 14 |
| 21 | Towards fast and ultralong-life Li-ion battery anodes: embedding ultradispersed TiO2 quantum dots into three-dimensional porous graphene-like networks. *Electrochimica Acta*, **2017**, 246, 1183-1192 | 6.7 | 14 |
| 20 | Green, Template-Less Synthesis of Honeycomb-like Porous Micron-Sized Red Phosphorus for High-Performance Lithium Storage. *ACS Nano*, **2021**, 15, 1880-1892 | 16.7 | 14 |
| 19 | Ultrasmall Fe2O3 Nanoparticles Anchored on Three-Dimensional Hierarchical Porous Graphene-like Networks for High Rate Capability Supercapacitors. *ChemElectroChem*, **2016**, 3, 1820-1826 | 4.3 | 12 |
| 18 | Enhanced performance of dye-sensitized solar cells based on TiO 2 /MnTiO 3 /MgTiO 3 composite photoanode. *Journal of Alloys and Compounds*, **2016**, 657, 53-58 | 5.7 | 12 |
| 17 | Enhanced capability and cyclability of flexible TiO2-reduced graphene oxide hybrid paper electrode by incorporating monodisperse anatase TiO2 quantum dots. *Electrochimica Acta*, **2018**, 259, 474-484 | 6.7 | 12 |
| 16 | Targeted graphene oxide for drug delivery as a therapeutic nanoplatform against Parkinson's disease. *Biomaterials Science*, **2021**, 9, 1705-1715 | 7.4 | 10 |
| 15 | ABTS-Multiwalled Carbon Nanotubes Nanocomposite/Bi Film Electrode for Sensitive Determination of Cd and Pb by Differential Pulse Stripping Voltammetry. *Electroanalysis*, **2009**, 21, NA-NA | 3 | 9 |
| 14 | Yolk-shell structured CuSi2P3@Graphene nanocomposite anode for long-life and high-rate lithium-ion batteries. *Nano Energy*, **2021**, 80, 105506 | 17.1 | 9 |
| 13 | Electropolymerization of catecholamines after laccase-catalyzed preoxidation to efficiently immobilize glucose oxidase for sensitive amperometric biosensing. *Sensors and Actuators B: Chemical*, **2010**, 151, 30-38 | 8.5 | 8 |
| 12 | Integrating Dually Encapsulated Si Architecture and Dense Structural Engineering for Ultrahigh Volumetric and Areal Capacity of Lithium Storage.. *ACS Nano*, **2022**, | 16.7 | 6 |
| 11 | Cu2P7-black P-MWCNTs (CuP5/MWCNTs): An advanced hybrid anode for Li/Na-ion batteries. *Materials Letters*, **2019**, 253, 263-267 | 3.3 | 5 |
| 10 | A new kind of water-based nanofluid with a low loading of three-dimensional porous graphene. *Journal of Materials Science*, **2017**, 52, 10485-10496 | 4.3 | 4 |
| 9 | Novel Cu(Zn)GeP compounds as advanced anode materials for Li-ion batteries. *Energy and Environmental Science*, **2021**, 14, 2394-2407 | 35.4 | 4 |

# List of Publications

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|---|---|---|---|
| 8 | Electrospun prussian blue analogue derived NiCo@N-doped carbon nanofibers as efficient and highly stable electrocatalysts for neutral overall water splitting. *International Journal of Hydrogen Energy*, **2021**, 46, 8871-8884 | 6.7 | 4 |
| 7 | Oxygen Vacancy and Core-Shell Heterojunction Engineering of Anemone-Like CoP@CoOOH Bifunctional Electrocatalyst for Efficient Overall Water Splitting.. *Small*, **2022**, e2106012 | 11 | 3 |
| 6 | Universal low-temperature and template-free synthesis of sponge-like porous micron-sized elemental materials for high-performance lithium/potassium storage. *Nano Energy*, **2022**, 95, 106981 | 17.1 | 3 |
| 5 | Honeycomb-like biomass carbon with planted CoNi alloys to form hierarchical composites for high-performance supercapacitors. *Journal of Colloid and Interface Science*, **2021**, | 9.3 | 2 |
| 4 | Ru/Rh Cation Doping and Oxygen-Vacancy Engineering of FeOOH Nanoarrays@Ti C T MXene Heterojunction for Highly Efficient and Stable Electrocatalytic Oxygen Evolution.. *Small*, **2022**, e2200173 | 11 | 2 |
| 3 | Spinel Oxide Cathode Material for High Power Lithium Ion Batteries for Electrical Vehicles. *Energy Procedia*, **2016**, 88, 689-692 | 2.3 | 1 |
| 2 | Fabricating ultrathick, dense electrodes for compact rechargeable batteries with ultrahigh areal and volumetric capacity. *Journal of Power Sources*, **2022**, 523, 231046 | 8.9 | 0 |
| 1 | Catalyst Materials for Oxygen Reduction Reaction **2021**, 85-182 | | |