

# Yaguang Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2196101/publications.pdf>

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8  
papers

252  
citations

1163117

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1588992

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8  
all docs

8  
docs citations

8  
times ranked

400  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Designing superior solid electrolyte interfaces on silicon anodes for high-performance lithium-ion batteries. <i>Nanoscale</i> , 2019, 11, 19086-19104.  | 5.6 | 103       |
| 2 | Carbon dioxide as a green carbon source for the synthesis of carbon cages encapsulating porous silicon as high performance lithium-ion battery anodes. <i>Nanoscale</i> , 2018, 10, 5626-5633. | 5.6 | 40        |
| 3 | Rational design of coaxial MWCNTs@Si/SiOx@C nanocomposites as extending-life anode materials for lithium-ion batteries. <i>Ceramics International</i> , 2018, 44, 16660-16667.                 | 4.8 | 34        |
| 4 | Promoting Effect of Si-OH on the Decomposition of Electrolytes in Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2020, 32, 6365-6373.  | 6.7 | 23        |
| 5 | Simple synthesis of SiGe@C porous microparticles as high-rate anode materials for lithium-ion batteries. <i>RSC Advances</i> , 2017, 7, 33837-33842.   | 3.6 | 17        |
| 6 | Enhanced electrochemical properties of Cu <sub>3</sub> Si-embedded three-dimensional porous Si synthesized by one-pot synthesis. <i>Journal of Alloys and Compounds</i> , 2019, 792, 341-347.  | 5.5 | 17        |
| 7 | Zn <sub>2</sub> GeO <sub>4</sub> @C Core-Shell Nanorods as Highly Reversible Anode Materials for Lithium-Ion Batteries. <i>Energy Technology</i> , 2017, 5, 1656-1662.                         | 3.8 | 9         |
| 8 | SiRNA-circFARSA-loaded porous silicon nanomaterials for pancreatic cancer treatment via inhibition of CircFARSA expression. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112672.        | 5.6 | 9         |