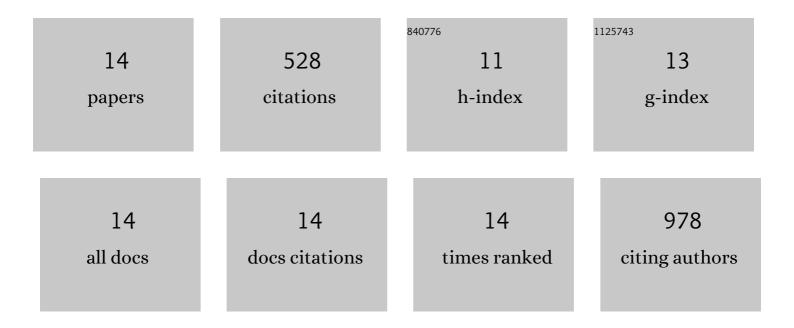
## Ning Kang

List of Publications by Year in descending order

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NING KANG

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Cathode porosity is a missing key parameter to optimize lithium-sulfur battery energy density. Nature<br>Communications, 2019, 10, 4597.   | 12.8 | 166       |
| 2  | Catalytic and Electrocatalytic Oxidation of Ethanol over Palladium-Based Nanoalloy Catalysts.<br>Langmuir, 2013, 29, 9249-9258.  | 3.5  | 87        |
| 3  | Revealing the Role of Phase Structures of Bimetallic Nanocatalysts in the Oxygen Reduction Reaction.<br>ACS Catalysis, 2018, 8, 11302-11313.   | 11.2 | 51        |
| 4  | Nanoalloy Printed and Pulse-Laser Sintered Flexible Sensor Devices with Enhanced Stability and Materials Compatibility. ACS Nano, 2015, 9, 6168-6177.  | 14.6 | 40        |
| 5  | Detection of mixed volatile organic compounds and lung cancer breaths using chemiresistor arrays with crosslinked nanoparticle thin films. Sensors and Actuators B: Chemical, 2016, 232, 292-299.  | 7.8  | 33        |
| 6  | Nanoalloy catalysts for electrochemical energy conversion and storage reactions. RSC Advances, 2014, 4, 42654-42669.   | 3.6  | 31        |
| 7  | Palladium modified gold nanoparticles as electrocatalysts for ethanol electrooxidation. Journal of<br>Power Sources, 2016, 321, 264-269.   | 7.8  | 31        |
| 8  | Nanoparticle–Nanofibrous Membranes as Scaffolds for Flexible Sweat Sensors. ACS Sensors, 2016, 1,<br>1060-1069.  | 7.8  | 28        |
| 9  | Surfaceâ€Mediated Interconnections of Nanoparticles in Cellulosic Fibrous Materials toward 3D<br>Sensors. Advanced Materials, 2020, 32, e2002171.  | 21.0 | 18        |
| 10 | Decoration of Nanofibrous Paper Chemiresistors with Dendronized Nanoparticles toward<br>Structurally Tunable Negativeâ€Going Response Characteristics to Human Breathing and Sweating.<br>Advanced Materials Interfaces, 2017, 4, 1700380. | 3.7  | 15        |
| 11 | Synergistic catalytic properties of bifunctional nanoalloy catalysts in rechargeable lithium-oxygen battery. Journal of Power Sources, 2016, 326, 60-69.   | 7.8  | 12        |
| 12 | Nanoscale Alloying in Electrocatalysts. Catalysts, 2015, 5, 1465-1478.   | 3.5  | 6         |
| 13 | Nanoparticle Based Printed Sensors on Paper for Detecting Chemical Species. , 2017, , .  |      | 6         |
| 14 | Chemiresistive properties regulated by nanoscale curvature in molecularly-linked nanoparticle composite assembly. Nanoscale, 2017, 9, 4013-4023.   | 5.6  | 4         |