

# Ning Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1223563/publications.pdf>

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14  
papers

528  
citations

840776

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1125743

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Cathode porosity is a missing key parameter to optimize lithium-sulfur battery energy density. <i>Nature Communications</i> , 2019, 10, 4597.	12.8	166
2	Catalytic and Electrocatalytic Oxidation of Ethanol over Palladium-Based Nanoalloy Catalysts. <i>Langmuir</i> , 2013, 29, 9249-9258.	3.5	87
3	Revealing the Role of Phase Structures of Bimetallic Nanocatalysts in the Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2018, 8, 11302-11313.	11.2	51
4	Nanoalloy Printed and Pulse-Laser Sintered Flexible Sensor Devices with Enhanced Stability and Materials Compatibility. <i>ACS Nano</i> , 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. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 292-299.	7.8	33
6	Nanoalloy catalysts for electrochemical energy conversion and storage reactions. <i>RSC Advances</i> , 2014, 4, 42654-42669.	3.6	31
7	Palladium modified gold nanoparticles as electrocatalysts for ethanol electrooxidation. <i>Journal of Power Sources</i> , 2016, 321, 264-269.	7.8	31
8	Nanoparticleâ€Nanofibrous Membranes as Scaffolds for Flexible Sweat Sensors. <i>ACS Sensors</i> , 2016, 1, 1060-1069.	7.8	28
9	Surfaceâ€Mediated Interconnections of Nanoparticles in Cellulosic Fibrous Materials toward 3D Sensors. <i>Advanced Materials</i> , 2020, 32, e2002171.	21.0	18
10	Decoration of Nanofibrous Paper Chemiresistors with Dendronized Nanoparticles toward Structurally Tunable Negativeâ€Going Response Characteristics to Human Breathing and Sweating. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700380.	3.7	15
11	Synergistic catalytic properties of bifunctional nanoalloy catalysts in rechargeable lithium-oxygen battery. <i>Journal of Power Sources</i> , 2016, 326, 60-69.	7.8	12
12	Nanoscale Alloying in Electrocatalysts. <i>Catalysts</i> , 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. <i>Nanoscale</i> , 2017, 9, 4013-4023.	5.6	4