

# Eunjoo Yoo

## List of Publications by Year in descending order

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20  
papers

6,355  
citations

566801

15  
h-index

752256

20  
g-index

20  
all docs

20  
docs citations

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times ranked

9355  
citing authors

#	ARTICLE	IF	CITATIONS
1	LiF Protective Layer on a Li Anode: Toward Improving the Performance of Li <sup>+</sup> O <sup>2</sup> Batteries with a Redox Mediator. ACS Applied Materials & Interfaces, 2020, 12, 18490-18495.	4.0	28
2	Understanding the effect of the concentration of LiNO <sub>3</sub> salt in Li <sup>+</sup> O <sup>2</sup> batteries. Journal of Materials Chemistry A, 2019, 7, 18318-18323.	5.2	16
3	Controlling porosity of porous carbon cathode for lithium oxygen batteries: Influence of micro and meso porosity. Journal of Power Sources, 2018, 389, 20-27.	4.0	38
4	Enhanced Cycle Stability of Rechargeable Li <sup>+</sup> O <sup>2</sup> Batteries by the Synergy Effect of a LiF Protective Layer on the Li and DMTFA Additive. ACS Applied Materials & Interfaces, 2017, 9, 21307-21313.	4.0	36
5	Enhanced cycle stability of hybrid Li <sup>+</sup> air batteries with carbon nanofiber grown on carbon black. RSC Advances, 2016, 6, 74195-74200.	1.7	6
6	Carbon Cathodes in Rechargeable Lithium <sup>+</sup> Oxygen Batteries Based on Double <sup>+</sup> Lithium <sup>+</sup> Salt Electrolytes. ChemSusChem, 2016, 9, 1249-1254.	3.6	9
7	Electrochemical characteristic of based on carbon mixed with organic metal complex (Co(mqph)) in alkaline media Li <sup>+</sup> air battery. Journal of Power Sources, 2016, 307, 474-480.	4.0	3
8	Extraction of Radioactive Cs and Sr from Nitric Acid Solutions with 25,27-Bis(1-octyloxy)calix[4]-26,28-Crown-6 and Dicyclohexyl-18-Crown-6: Effect of Nature of the Organic Solvent. Separation Science and Technology, 2015, 50, 1202-1212.	1.3	16
9	Influence of CO <sub>2</sub> on the stability of discharge performance for Li <sup>+</sup> air batteries with a hybrid electrolyte based on graphene nanosheets. RSC Advances, 2014, 4, 11798.	1.7	15
10	Hybrid electrolyte Li-air rechargeable batteries based on nitrogen- and phosphorus-doped graphene nanosheets. RSC Advances, 2014, 4, 13119-13122.	1.7	17
11	Fe phthalocyanine supported by graphene nanosheet as catalyst in Li <sup>+</sup> air battery with the hybrid electrolyte. Journal of Power Sources, 2013, 244, 429-434.	4.0	28
12	Fabrication of FePO <sub>4</sub> layer coated LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> : Towards high-performance cathode materials for lithium ion batteries. Electrochimica Acta, 2012, 83, 253-258.	2.6	89
13	Nano- and micro-sized TiN as the electrocatalysts for ORR in Li <sup>+</sup> air fuel cell with alkaline aqueous electrolyte. Journal of Materials Chemistry, 2012, 22, 15549.	6.7	55
14	N-Doped graphene nanosheets for Li <sup>+</sup> air fuel cells under acidic conditions. Energy and Environmental Science, 2012, 5, 6928.	15.6	145
15	Li <sup>+</sup> Air Rechargeable Battery Based on Metal-free Graphene Nanosheet Catalysts. ACS Nano, 2011, 5, 3020-3026.	7.3	385
16	Sub-nano-Pt cluster supported on graphene nanosheets for CO tolerant catalysts in polymer electrolyte fuel cells. Journal of Power Sources, 2011, 196, 110-115.	4.0	110
17	Enhanced Cyclic Performance and Lithium Storage Capacity of SnO <sub>2</sub> /Graphene Nanoporous Electrodes with Three-Dimensionally Delaminated Flexible Structure. Nano Letters, 2009, 9, 72-75.	4.5	1,615
18	Enhanced Electrocatalytic Activity of Pt Subnanoclusters on Graphene Nanosheet Surface. Nano Letters, 2009, 9, 2255-2259.	4.5	1,041

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19	Support effect of anode catalysts using an organic metal complex for fuel cells. <i>Journal of Power Sources</i> , 2008, 185, 886-891.	4.0	9
20	Large Reversible Li Storage of Graphene Nanosheet Families for Use in Rechargeable Lithium Ion Batteries. <i>Nano Letters</i> , 2008, 8, 2277-2282.	4.5	2,694