Eon Soo Lee

List of Publications by Citations

17 papers	299 citations	10 h-index	17 g-index
20 ext. papers	420 ext. citations	5.5 avg, IF	3.89 L-index

#	Paper	IF	Citations
17	Carbon-based catalysts for oxygen reduction reaction: A review on degradation mechanisms. *Carbon*, **2019**, 151, 160-174	10.4	65
16	Detection of cancer antigens (CA-125) using gold nano particles on interdigitated electrode-based microfluidic biosensor. *Nano Convergence*, **2019**, 6, 3	9.2	41
15	Synthesis of nitrogen-doped graphene catalyst by high-energy wet ball milling for electrochemical systems. *International Journal of Energy Research*, **2016**, 40, 2136-2149	4.5	39
14	A review of nitrogen-doped graphene catalysts for proton exchange membrane fuel cells-synthesis, characterization, and improvement. *Nano Structures Nano Objects*, **2018**, 15, 140-152	5.6	28
13	Carbon nanotubes based biosensor for detection of cancer antigens (CA-125) under shear flow condition. *Nano Structures Nano Objects*, **2018**, 15, 180-185	5.6	24
12	Nitrogen-doped graphene catalysts: High energy wet ball milling synthesis and characterizations of functional groups and particle size variation with time and speed. *International Journal of Energy Research*, **2017**, 41, 2535-2554	4.5	18
11	Thermal Stability and Potential Cycling Durability of Nitrogen-Doped Graphene Modified by Metal-Organic Framework for Oxygen Reduction Reactions. *Catalysts*, **2018**, 8, 607	4	15
10	Metal organic framework-modified nitrogen-doped graphene oxygen reduction reaction catalyst synthesized by nanoscale high-energy wet ball-milling structural and electrochemical characterization. *MRS Communications*, **2018**, 8, 40-48	2.7	13
9	Nitrogen-doped graphene-based catalyst with metal-reduced organic framework: Chemical analysis and structure control. *Carbon*, **2018**, 139, 933-944	10.4	12
8	Nitrogen-doped graphene nanomaterials for electrochemical catalysis/reactions: A review on chemical structures and stability. *Carbon*, **2021**, 185, 198-214	10.4	12
7	COVID-19 Biomarkers and Advanced Sensing Technologies for Point-of-Care (POC) Diagnosis. *Bioengineering*, **2021**, 8,	5.3	10
6	Sensitivity Study of Cancer Antigens (CA-125) Detection Using Interdigitated Electrodes Under Microfluidic Flow Condition. *BioNanoScience*, **2019**, 9, 203-214	3.4	7
5	New Nitrogen-Doped Graphene/MOF-modified catalyst for Fuel Cell Systems. *ECS Transactions*, **2016**, 72, 149-154	1	6
4	A standalone micro biochip to monitor the cancer progression by measuring cancer antigens as a point-of-care (POC) device for enhanced cancer management **2017**,		5
3	Simulation of nano elastic polymer chain displacement under pressure gradient/electroosmotic flow with the target of less dispersion of transition. *Scientific Reports*, **2021**, 11, 19610	4.9	1
2	Blood Plasma Self-Separation Technologies during the Self-Driven Flow in Microfluidic Platforms. *Bioengineering*, **2021**, 8,	5.3	1
1	3D Printing for Whole Blood Filters Designed for Simple Integration with a Variety of Sensor Platforms **2019**,		1