

Eon Soo Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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

