

# Doo-Hwan Jung

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/505941/publications.pdf>

Version: 2024-02-01

20  
papers

202  
citations

1162367

8  
h-index

1058022

14  
g-index

22  
all docs

22  
docs citations

22  
times ranked

257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of mesoporous activated carbon by preliminary oxidation of petroleum coke with hydrogen peroxide and its application in capacitive deionization. <i>Desalination</i> , 2022, 539, 115901.	4.0	7
2	Surface oxidation of petroleum pitch to improve mesopore ratio and specific surface area of activated carbon. <i>Scientific Reports</i> , 2021, 11, 1460.	1.6	9
3	The Effect of Oxygen Content in Binderless Cokes for High-Density Carbon Blocks from Coal Tar Pitch. <i>Materials</i> , 2021, 14, 1832.	1.3	6
4	Preparation of Isotropic Carbon Fibers from Kerosene-Purified Coal Tar Pitch by Co-Carbonization with Pyrolysis Fuel Oil. <i>Materials</i> , 2021, 14, 6280.	1.3	3
5	Mechanical and electrical properties of MCMB/Chopped carbon fiber composite with different bead size. <i>Scientific Reports</i> , 2019, 9, 7065.	1.6	7
6	Manufacture of high density carbon blocks by self-sintering coke produced via a two-stage heat treatment of coal tar. <i>Heliyon</i> , 2019, 5, e01341.	1.4	5
7	Preparation of activated carbon from needle coke via two-stage steam activation process. <i>Materials Letters</i> , 2019, 237, 22-25.	1.3	31
8	Improving the mechanical properties of a high density carbon block from mesocarbon microbeads according to oxidative stabilization. <i>Scientific Reports</i> , 2018, 8, 11064.	1.6	9
9	Performance of a MEA using patterned membrane with a directly coated electrode by the bar-coating method in a direct methanol fuel cell. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 11386-11396.	3.8	12
10	Enhanced activity and durability of the oxygen reduction catalysts supported on the surface expanded tubular-type carbon nanofiber. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 192-200.	10.8	5
11	Effects of Two-stage Heat Treatment on Delayed Coke and Study of Their Surface Texture Characteristics. <i>Jom</i> , 2017, 69, 2460-2466.	0.9	5
12	Methanol-Tolerant Platinum-Palladium Catalyst Supported on Nitrogen-Doped Carbon Nanofiber for High Concentration Direct Methanol Fuel Cells. <i>Nanomaterials</i> , 2016, 6, 148.	1.9	15
13	Activating needle coke to develop anode catalyst for direct methanol fuel cell. <i>Carbon Letters</i> , 2016, 20, 47-52.	3.3	1
14	The crystalline and microstructural transformations of two coal ashes and their quenched slags with similar chemical compositions during heat treatment. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 22, 110-119.	2.9	10
15	Performance and durability of MEA prepared with crosslinked ETFE-g-PSSA(DVB) membranes for direct methanol fuel cells using high concentration methanol. <i>Journal of Membrane Science</i> , 2014, 459, 12-21.	4.1	7
16	Improved performance using tungsten carbide/carbon nanofiber based anode catalysts for alkaline direct ethanol fuel cells. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 15907-15912.	3.8	33
17	Long-term durability of radiation-grafted PFA-g-PSSA membranes for direct methanol fuel cells. <i>Journal of Membrane Science</i> , 2013, 447, 36-42.	4.1	18
18	Fabrication and performance of a ScMnSZ/LaSrCuFe cell with GDC interlayer for solid oxide fuel cells. <i>Journal of Electroceramics</i> , 2013, 30, 77-81.	0.8	0

#	ARTICLE	IF	CITATIONS
19	Effects of porous and dense electrode structures of membrane electrode assembly on durability of direct methanol fuel cells. International Journal of Hydrogen Energy, 2011, 36, 15313-15322.	3.8	17
20	Performance of Membrane Electrode Assembly for DMFC Prepared by Bar-Coating Method. Journal of the Korean Electrochemical Society, 2008, 11, 16-21.	0.1	2