

# Sung-Hyun Lee

## List of Publications by Year in descending order

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12  
papers

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citations

1163117

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289  
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#	ARTICLE	IF	CITATIONS
1	High Purity Single Wall Carbon Nanotube by Oxygen-Containing Functional Group of Ferrocene-Derived Catalyst Precursor by Floating Catalyst Chemical Vapor Deposition. <i>Nanomaterials</i> , 2022, 12, 863.	4.1	2
2	Deep-injection floating-catalyst chemical vapor deposition to continuously synthesize carbon nanotubes with high aspect ratio and high crystallinity. <i>Carbon</i> , 2021, 173, 901-909.	10.3	52
3	Strong and Highly Conductive Carbon Nanotube Fibers as Conducting Wires for Wearable Electronics. <i>ACS Applied Nano Materials</i> , 2021, 4, 3833-3842.	5.0	16
4	Synthesis, property, and application of carbon nanotube fiber. <i>Journal of the Korean Ceramic Society</i> , 2021, 58, 148-159.	2.3	20
5	Continuous synthesis of high-crystalline carbon nanotubes by controlling the configuration of the injection part in the floating catalyst chemical vapor deposition process. <i>Carbon Letters</i> , 2020, 30, 613-619.	5.9	6
6	Mathematical model for the dynamic mechanical behavior of carbon nanotube yarn in analogy with hierarchically structured bio-materials. <i>Carbon</i> , 2019, 152, 151-158.	10.3	25
7	Effects of Wet-Pressing and Cross-Linking on the Tensile Properties of Carbon Nanotube Fibers. <i>Materials</i> , 2018, 11, 2170.	2.9	3
8	Accurate measurement of specific tensile strength of carbon nanotube fibers with hierarchical structures by vibroscopic method. <i>RSC Advances</i> , 2017, 7, 8575-8580.	3.6	26
9	Quantitative analysis of carbon nanotube cross-linking reactions. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 898-902.	2.7	3
10	Synthesis of carbon nanotube fibers using the direct spinning process based on Design of Experiment (DOE). <i>Carbon</i> , 2016, 100, 647-655.	10.3	39
11	Synthesis of high-quality carbon nanotube fibers by controlling the effects of sulfur on the catalyst agglomeration during the direct spinning process. <i>RSC Advances</i> , 2015, 5, 41894-41900.	3.6	67
12	Turning refuse plastic into multi-walled carbon nanotube forest. <i>Science and Technology of Advanced Materials</i> , 2012, 13, 025004.	6.1	10