

# Sunghoon Jung

## List of Publications by Year in descending order

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16  
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1288  
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#	ARTICLE	IF	CITATIONS
1	Sustainable Antibacterial and Antiviral High-Performance Copper-Coated Filter Produced via Ion Beam Treatment. <i>Polymers</i> , 2022, 14, 1007.	4.5	5
2	Characterization and FEA evaluation of a ZrB <sub>2</sub> -SiC ceramic containing TaC for beam-column joint application. <i>Ceramics International</i> , 2021, 47, 11438-11450.	4.8	10
3	Copper-Coated Polypropylene Filter Face Mask with SARS-CoV-2 Antiviral Ability. <i>Polymers</i> , 2021, 13, 1367.	4.5	64
4	Preliminary Validation of a Continuum Model for Dimple Patterns on Polyethylene Naphthalate via Ar Ion Beam Sputtering. <i>Polymers</i> , 2021, 13, 1932.	4.5	3
5	Electrochemical Synthesis of 3D Plasmonic-Molecule Nanocomposite Materials for In Situ Label-Free Molecular Detections. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101201.	3.7	2
6	Electrochemical Synthesis of 3D Plasmonic-Molecule Nanocomposite Materials for In Situ Label-Free Molecular Detections (Adv. Mater. Interfaces 21/2021). <i>Advanced Materials Interfaces</i> , 2021, 8, .	3.7	0
7	Manufacturing ZrB <sub>2</sub> -SiC-TaC Composite: Potential Application for Aircraft Wing Assessed by Frequency Analysis through Finite Element Model. <i>Materials</i> , 2020, 13, 2213.	2.9	18
8	Carbon nano-onions from waste oil for application in energy storage devices. <i>New Journal of Chemistry</i> , 2020, 44, 7369-7375.	2.8	57
9	Improving Electrical Conductivity of PEDOT:PSS with Phase Separation by Applying Electric Fields. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 469-476.	1.9	9
10	Improving Conductivity of Metal Grids by Controlling Sintering Process. <i>Journal of the Korean Institute of Surface Engineering</i> , 2015, 48, 158-162.	0.1	0
11	Extremely Flexible Transparent Conducting Electrodes for Organic Devices. <i>Advanced Energy Materials</i> , 2014, 4, 1300474.	19.5	97
12	The enhancement of electrical and optical properties of PEDOT:PSS using one-step dynamic etching for flexible application. <i>Organic Electronics</i> , 2014, 15, 1849-1855.	2.6	36
13	Highly Efficient and Bendable Organic Solar Cells with Solution-Processed Silver Nanowire Electrodes. <i>Advanced Functional Materials</i> , 2013, 23, 4177-4184.	14.9	308
14	All-spray-coated semitransparent inverted organic solar cells: From electron selective to anode layers. <i>Organic Electronics</i> , 2012, 13, 2940-2944.	2.6	23
15	Fully spray-coated inverted organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2012, 103, 76-79.	6.2	57
16	Effect of iron nanoparticles on spark plasma sinterability of ZrB <sub>2</sub> -based ceramics. <i>Journal of the Australian Ceramic Society</i> , 0, , .	1.9	2