

# Sang-Eui Lee

## List of Publications by Year in descending order

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28  
papers

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citations

516710

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1501  
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#	ARTICLE	IF	CITATIONS
1	Recent Advances in Two-Phase Immersion Cooling with Surface Modifications for Thermal Management. <i>Energies</i> , 2022, 15, 1214.	3.1	9
2	Flexible Nanoporous Silver Membranes with Unprecedented High Effectiveness for Electromagnetic Interference Shielding. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 93, 245-252.	5.8	24
3	Gradient 3D-printed honeycomb structure polymer coated with a composite consisting of Fe <sub>3</sub> O <sub>4</sub> multi-granular nanoclusters and multi-walled carbon nanotubes for electromagnetic wave absorption. <i>Synthetic Metals</i> , 2021, 275, 116731.	3.9	28
4	Mechanistic Pathways for the Molecular Step Growth of Calcium Oxalate Monohydrate Crystal Revealed by In Situ Liquid-Phase Atomic Force Microscopy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 37873-37882.	8.0	5
5	Multiple Impact Damage in GLARE Laminates: Experiments and Simulations. <i>Materials</i> , 2021, 14, 7800.	2.9	4
6	Double-segregated multiwalled carbon nanotube/silicone composites with large electrical to thermal conductivity ratios via in-situ silicone emulsion polymerization. <i>Journal of Composite Materials</i> , 2020, 54, 3447-3456.	2.4	2
7	Flexible Magnetic Polymer Composite Substrate with Ba <sub>1.5</sub> Sr <sub>1.5</sub> Z Hexaferrite Particles of VHF/Low UHF Patch Antennas for UAVs and Medical Implant Devices. <i>Materials</i> , 2020, 13, 1021.	2.9	3
8	Seamless Tube-Type Heater with Uniform Thickness and Temperature Distribution Based on Carbon Nanotubes Aligned by Circumferential Shearing. <i>Materials</i> , 2019, 12, 3283.	2.9	5
9	Effect of Dispersion by Three-Roll Milling on Electrical Properties and Filler Length of Carbon Nanotube Composites. <i>Materials</i> , 2019, 12, 3823.	2.9	27
10	Enhanced dispersion and material properties of multi-walled carbon nanotube composites through turbulent Taylor-Couette flow. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 95, 118-124.	7.6	17
11	Large reduction in electrical contact resistance of flexible carbon nanotube/silicone rubber composites by trifluoroacetic acid treatment. <i>Composites Science and Technology</i> , 2017, 143, 98-105.	7.8	14
12	Mechanically Robust Magnetic Carbon Nanotube Papers Prepared with CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles for Electromagnetic Interference Shielding and Magnetomechanical Actuation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 40628-40637.	8.0	41
13	Silver nanowire/carbon nanotube/cellulose hybrid papers for electrically conductive and electromagnetic interference shielding elements. <i>Composites Science and Technology</i> , 2017, 150, 45-53.	7.8	83
14	Carbon Nanotube Nanocomposite Having Segregated Network Structure for Wearable Thermotherapy Application. <i>IEEE Electron Device Letters</i> , 2017, 38, 1489-1491.	3.9	5
15	Advanced catalyst design induced enhancement of multi-walled nanotube debundling and electrical conductivity of multi-walled nanotube/silicone composites. <i>RSC Advances</i> , 2016, 6, 48120-48128.	3.6	4
16	Highly Effective Electromagnetic Interference Shielding Materials based on Silver Nanowire/Cellulose Papers. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 13123-13132.	8.0	241
17	Suppression of negative temperature coefficient of resistance of multiwalled nanotube/silicone rubber composite through segregated conductive network and its application to laser-printing fusing element. <i>Organic Electronics</i> , 2016, 37, 371-378.	2.6	22
18	Fabrication of flexible magnetic papers based on bacterial cellulose and barium hexaferrite with improved mechanical properties. <i>Electronic Materials Letters</i> , 2016, 12, 574-579.	2.2	19

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19	Carbon nanotube/cellulose papers with high performance in electric heating and electromagnetic interference shielding. <i>Composites Science and Technology</i> , 2016, 131, 77-87.	7.8	126
20	Broadband all fiber-reinforced composite radar absorbing structure integrated by inductive frequency selective carbon fiber fabric and carbon-nanotube-loaded glass fabrics. <i>Carbon</i> , 2016, 107, 564-572.	10.3	75
21	Electrically conductive and strong cellulose-based composite fibers reinforced with multiwalled carbon nanotube containing multiple hydrogen bonding moiety. <i>Composites Science and Technology</i> , 2016, 123, 57-64.	7.8	51
22	Prediction of the thermal conductivities of four-axial non-woven composites. <i>Composite Structures</i> , 2009, 89, 262-269.	5.8	16
23	The use of carbon/dielectric fiber woven fabrics as filters for electromagnetic radiation. <i>Carbon</i> , 2009, 47, 1896-1904.	10.3	58
24	Mechanical Properties of MWNT-Loaded Plain-Weave Glass/Epoxy Composites. <i>Advanced Composite Materials</i> , 2009, 18, 209-219.	1.9	21
25	Microwave properties of graphite nanoplatelet/epoxy composites. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	64
26	Application of MWNT-added glass fabric/epoxy composites to electromagnetic wave shielding enclosures. <i>Composite Structures</i> , 2007, 81, 401-406.	5.8	103
27	Fabrication and design of multi-layered radar absorbing structures of MWNT-filled glass/epoxy plain-weave composites. <i>Composite Structures</i> , 2006, 76, 397-405.	5.8	153
28	Prediction of mechanical behavior of spatially reinforced composites for kick motor nozzle. <i>Composite Structures</i> , 2001, 54, 57-65.	5.8	8