

# Sang-Soo Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

893  
citations

687363

13  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible/Stretchable Supercapacitors with Novel Functionality for Wearable Electronics. <i>Advanced Materials</i> , 2020, 32, e2002180.	21.0	236
2	Highly Conductive, Stretchable, and Transparent PEDOT:PSS Electrodes Fabricated with Triblock Copolymer Additives and Acid Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 28027-28035.	8.0	111
3	Controllable Formation of Nanofilaments in Resistive Memories via Tip-Enhanced Electric Fields. <i>Advanced Electronic Materials</i> , 2016, 2, 1600233.	5.1	88
4	Stretchable Lithium-Ion Battery Based on Re-entrant Micro-honeycomb Electrodes and Cross-Linked Gel Electrolyte. <i>ACS Nano</i> , 2020, 14, 3660-3668.	14.6	74
5	2D reentrant auxetic structures of graphene/CNT networks for omnidirectionally stretchable supercapacitors. <i>Nanoscale</i> , 2017, 9, 13272-13280.	5.6	73
6	Highly improved interfacial affinity in carbon fiber-reinforced polymer composites via oxygen and nitrogen plasma-assisted mechanochemistry. <i>Composites Part B: Engineering</i> , 2019, 165, 725-732.	12.0	54
7	Highly stretchable dielectric nanocomposites based on single-walled carbon nanotube/ionic liquid gels. <i>Composites Science and Technology</i> , 2013, 83, 40-46.	7.8	40
8	Plasma-assisted mechanochemistry to produce polyamide/boron nitride nanocomposites with high thermal conductivities and mechanical properties. <i>Composites Part B: Engineering</i> , 2019, 164, 710-719.	12.0	40
9	Highly thermally conductive and mechanically robust polyamide/graphite nanoplatelet composites via mechanochemical bonding techniques with plasma treatment. <i>Composites Science and Technology</i> , 2018, 160, 245-254.	7.8	35
10	Stretchable Conductive Adhesives with Superior Electrical Stability as Printable Interconnects in Washable Textile Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 37043-37050.	8.0	35
11	Acid-treated SWCNT/polyurethane nanoweb as a stretchable and transparent Conductor. <i>RSC Advances</i> , 2012, 2, 10717.	3.6	29
12	One-Dimensional TiO <sub>2</sub> @Ag Nanoarchitectures with Interface-Mediated Implementation of Resistance-Switching Behavior in Polymer Nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 5727-5731.	8.0	18
13	Ecofriendly Catechol Lipid Bioresin for Low-Temperature Processed Electrode Patterns with Strong Durability. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 16864-16876.	8.0	15
14	Implication of controlled embedment of graphite nanoplatelets assisted by mechanochemical treatment for electro-conductive polyketone composite. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 66, 356-361.	5.8	13
15	Thermally stable and highly recyclable carbon fiber-reinforced polyketone composites based on mechanochemical bond formation. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 142, 106251.	7.6	9
16	Mixed urushiol and laccol compositions in natural lacquers: Convenient evaluation method and its effect on the physicochemical properties of lacquer coatings. <i>Progress in Organic Coatings</i> , 2021, 154, 106195.	3.9	9
17	Highly sustainable polyphenylene sulfide membrane of tailored porous architecture for high-performance lithium-ion battery applications. <i>Materials Today Advances</i> , 2021, 12, 100186.	5.2	5
18	Plasma-Assisted Mechanochemistry to Covalently Bond Ion-Conducting Polymers to Ni-Rich Cathode Materials for Improved Cyclic Stability and Rate Capability. <i>ACS Applied Energy Materials</i> , 2022, 5, 4808-4816.	5.1	4

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19	Highly aligned and porous reduced graphene oxide structures and their application for stretchable conductors. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 80, 385-391.	5.8	2
20	Carbon fiber-reinforced polyamide composites with efficient stress transfer via plasma-assisted mechanochemistry. <i>Composites Part C: Open Access</i> , 2021, 6, 100209.	3.2	2
21	Resistance Switching Capable Polymer Nanocomposites Employing Networks of One-Dimensional Nanocarbon Wrapped by TiO <sub>2</sub> Conformal Layer. <i>IEEE Nanotechnology Magazine</i> , 2018, 17, 567-573.	2.0	1