Sang-Soo Lee

List of Publications by Year
in descending order

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	Plasma-Assisted Mechanochemistry to Covalently Bond Ion-Conducting Polymers to Ni-Rich Cathode Materials for Improved Cyclic Stability and Rate Capability. ACS Applied Energy Materials, 2022, 5, 4808-4816.	5.1	4
2	Thermally stable and highly recyclable carbon fiber-reinforced polyketone composites based on mechanochemical bond formation. Composites Part A: Applied Science and Manufacturing, 2021, 142, 106251.	7.6	9
3	Mixed urushiol and laccol compositions in natural lacquers: Convenient evaluation method and its effect on the physicochemical properties of lacquer coatings. Progress in Organic Coatings, 2021, 154, 106195.	3.9	9
4	Carbon fiber-reinforced polyamide composites with efficient stress transfer via plasma-assisted mechanochemistry. Composites Part C: Open Access, 2021, 6, 100209.	3.2	2
5	Highly sustainable polyphenylene sulfide membrane of tailored porous architecture for high-performance lithium-ion battery applications. Materials Today Advances, 2021, 12, 100186.	5.2	5
6	Flexible/Stretchable Supercapacitors with Novel Functionality for Wearable Electronics. Advanced Materials, 2020, 32, e2002180.	21.0	236
7	Ecofriendly Catechol Lipid Bioresin for Low-Temperature Processed Electrode Patterns with Strong Durability. ACS Applied Materials & Interfaces, 2020, 12, 16864-16876.	8.0	15
8	Stretchable Lithium-Ion Battery Based on Re-entrant Micro-honeycomb Electrodes and Cross-Linked Gel Electrolyte. ACS Nano, 2020, 14, 3660-3668.	14.6	74
9	Stretchable Conductive Adhesives with Superior Electrical Stability as Printable Interconnects in Washable Textile Electronics. ACS Applied Materials & Interfaces, 2019, 11, 37043-37050.	8.0	35
10	Highly aligned and porous reduced graphene oxide structures and their application for stretchable conductors. Journal of Industrial and Engineering Chemistry, 2019, 80, 385-391.	5.8	2
11	Highly improved interfacial affinity in carbon fiber-reinforced polymer composites via oxygen and nitrogen plasma-assisted mechanochemistry. Composites Part B: Engineering, 2019, 165, 725-732.	12.0	54
12	Plasma-assisted mechanochemistry to produce polyamide/boron nitride nanocomposites with high thermal conductivities and mechanical properties. Composites Part B: Engineering, 2019, 164, 710-719.	12.0	40
13	Resistance Switching Capable Polymer Nanocomposites Employing Networks of One-Dimensional Nanocarbon Wrapped by TiO2 Conformal Layer. IEEE Nanotechnology Magazine, 2018, 17, 567-573.	2.0	1
14	Highly thermally conductive and mechanically robust polyamide/graphite nanoplatelet composites via mechanochemical bonding techniques with plasma treatment. Composites Science and Technology, 2018, 160, 245-254.	7.8	35
15	Highly Conductive, Stretchable, and Transparent PEDOT:PSS Electrodes Fabricated with Triblock Copolymer Additives and Acid Treatment. ACS Applied Materials & Interfaces, 2018, 10, 28027-28035.	8.0	111
16	Implication of controlled embedment of graphite nanoplatelets assisted by mechanochemical treatment for electro-conductive polyketone composite. Journal of Industrial and Engineering Chemistry, 2018, 66, 356-361.	5.8	13
17	2D reentrant auxetic structures of graphene/CNT networks for omnidirectionally stretchable supercapacitors. Nanoscale, 2017, 9, 13272-13280.	5.6	73
18	Controllable Formation of Nanofilaments in Resistive Memories via Tipâ€Enhanced Electric Fields. Advanced Electronic Materials, 2016, 2, 1600233.	5.1	88

#	Article	IF	Citations
19	Highly stretchable dielectric nanocomposites based on single-walled carbon nanotube/ionic liquid gels. Composites Science and Technology, 2013, 83, 40-46.	7.8	40
20	Acid-treated SWCNT/polyurethane nanoweb as a stretchable and transparent Conductor. RSC Advances, 2012, 2, 10717.	3.6	29
21	One-Dimensional TiO2@Ag Nanoarchitectures with Interface-Mediated Implementation of Resistance-Switching Behavior in Polymer Nanocomposites. ACS Applied Materials & Interfaces, 2012, 4, 5727-5731.	8.0	18