Yang Li

List of Publications by Year in descending order

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27 papers	3,730 citations	293460 24 h-index	563245 28 g-index
28 all docs	28 docs citations	28 times ranked	5075 citing authors

#	Article	IF	Citations
1	Spontaneous self-healing ionogels for efficient and reliable carbon dioxide separation. Journal of Materials Chemistry A, 2022, 10, 4695-4702.	5.2	12
2	Nonfluorinated, transparent, and spontaneous self-healing superhydrophobic coatings enabled by supramolecular polymers. Chemical Engineering Journal, 2021, 404, 126504.	6.6	53
3	Self-healing superhydrophobic conductive coatings for self-cleaning and humidity-insensitive hydrogen sensors. Chemical Engineering Journal, 2021, 410, 128353.	6.6	31
4	Polymeric Complex-Based Transparent and Healable Ionogels with High Mechanical Strength and Ionic Conductivity as Reliable Strain Sensors. ACS Applied Materials & Interfaces, 2020, 12, 57477-57485.	4.0	74
5	Plant oil and amino acid-derived elastomers with rapid room temperature self-healing ability. Journal of Materials Chemistry A, 2019, 7, 21927-21933.	5.2	31
6	Superhydrophobic Foams with Chemical- and Mechanical-Damage-Healing Abilities Enabled by Self-Healing Polymers. ACS Applied Materials & Interfaces, 2019, 11, 37285-37294.	4.0	69
7	Transparent antismudge coatings with thermally assisted healing ability. Journal of Materials Chemistry A, 2019, 7, 2812-2820.	5.2	24
8	Healable, Highly Conductive, Flexible, and Nonflammable Supramolecular Ionogel Electrolytes for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 19413-19420.	4.0	125
9	Thermally and Near-Infrared Light-Induced Shape Memory Polymers Capable of Healing Mechanical Damage and Fatigued Shape Memory Function. ACS Applied Materials & Interfaces, 2019, 11, 9470-9477.	4.0	81
10	Durable, Highly Electrically Conductive Cotton Fabrics with Healable Superamphiphobicity. ACS Applied Materials & Interfaces, 2018, 10, 12042-12050.	4.0	101
11	Transparent Polymeric Films Capable of Healing Millimeter-Scale Cuts. ACS Applied Materials & Interfaces, 2018, 10, 13073-13081.	4.0	20
12	Bioinspired photothermal conversion coatings with self-healing superhydrophobicity for efficient solar steam generation. Journal of Materials Chemistry A, 2018, 6, 24441-24451.	5.2	92
13	Oil-Repellent Antifogging Films with Water-Enabled Functional and Structural Healing Ability. ACS Applied Materials & Interfaces, 2017, 9, 27955-27963.	4.0	64
14	Spontaneous wrinkling of layer-by-layer assembled polyelectrolyte films for humidity-responsive superhydrophobicity. Science China Chemistry, 2016, 59, 1568-1573.	4.2	7
15	Layer-by-Layer Assembly of Fluorine-Free Polyelectrolyteâ€“Surfactant Complexes for the Fabrication of Self-Healing Superhydrophobic Films. Langmuir, 2016, 32, 12361-12369.	1.6	69
16	Applied Voltage and Nearâ€Infrared Light Enable Healing of Superhydrophobicity Loss Caused by Severe Scratches in Conductive Superhydrophobic Films. Advanced Functional Materials, 2016, 26, 6777-6784.	7.8	114
17	Layerâ€byâ€Layerâ€Assembled Healable Antifouling Films. Advanced Materials, 2015, 27, 5882-5888.	11.1	145
18	Intumescent Flame-Retardant and Self-Healing Superhydrophobic Coatings on Cotton Fabric. ACS Nano, 2015, 9, 4070-4076.	7.3	465

#	Article	IF	Citations
19	Highly Transparent, Nanofiller-Reinforced Scratch-Resistant Polymeric Composite Films Capable of Healing Scratches. ACS Nano, 2015, 9, 10055-10065.	7.3	45
20	All Spraying Processes for the Fabrication of Robust, Selfâ€Healing, Superhydrophobic Coatings. Advanced Materials, 2014, 26, 3344-3348.	11.1	313
21	Rapid and Efficient Multiple Healing of Flexible Conductive Films by Near-Infrared Light Irradiation. ACS Applied Materials & Interfaces, 2014, 6, 16409-16415.	4.0	72
22	Highly Bendable, Conductive, and Transparent Film by an Enhanced Adhesion of Silver Nanowires. ACS Applied Materials & Interfaces, 2013, 5, 9155-9160.	4.0	99
23	Layer-by-layer assembly for rapid fabrication of thick polymeric films. Chemical Society Reviews, 2012, 41, 5998.	18.7	323
24	Polyelectrolyte Multilayers Impart Healability to Highly Electrically Conductive Films. Advanced Materials, 2012, 24, 4578-4582.	11.1	224
25	Bioinspired Selfâ€Healing Superhydrophobic Coatings. Angewandte Chemie - International Edition, 2010, 49, 6129-6133.	7.2	549
26	A facile layer-by-layer deposition process for the fabrication of highly transparent superhydrophobic coatings. Chemical Communications, 2009, , 2730.	2.2	187
27	Mechanically Stable Antireflection and Antifogging Coatings Fabricated by the Layer-by-Layer Deposition Process and Postcalcination. Langmuir, 2008, 24, 10851-10857.	1.6	176