Yang Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9405689/publications.pdf

Version: 2024-02-01

27	3,730	257450	501196
papers	citations	24 h-index	28 g-index

28	28	28	4407
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioinspired Selfâ€Healing Superhydrophobic Coatings. Angewandte Chemie - International Edition, 2010, 49, 6129-6133.	13.8	549
2	Intumescent Flame-Retardant and Self-Healing Superhydrophobic Coatings on Cotton Fabric. ACS Nano, 2015, 9, 4070-4076.	14.6	465
3	Layer-by-layer assembly for rapid fabrication of thick polymeric films. Chemical Society Reviews, 2012, 41, 5998.	38.1	323
4	All Spraying Processes for the Fabrication of Robust, Selfâ€Healing, Superhydrophobic Coatings. Advanced Materials, 2014, 26, 3344-3348.	21.0	313
5	Polyelectrolyte Multilayers Impart Healability to Highly Electrically Conductive Films. Advanced Materials, 2012, 24, 4578-4582.	21.0	224
6	A facile layer-by-layer deposition process for the fabrication of highly transparent superhydrophobic coatings. Chemical Communications, 2009, , 2730.	4.1	187
7	Mechanically Stable Antireflection and Antifogging Coatings Fabricated by the Layer-by-Layer Deposition Process and Postcalcination. Langmuir, 2008, 24, 10851-10857.	3.5	176
8	Layerâ€byâ€Layerâ€Assembled Healable Antifouling Films. Advanced Materials, 2015, 27, 5882-5888.	21.0	145
9	Healable, Highly Conductive, Flexible, and Nonflammable Supramolecular Ionogel Electrolytes for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 19413-19420.	8.0	125
10	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.	14.9	114
11	Durable, Highly Electrically Conductive Cotton Fabrics with Healable Superamphiphobicity. ACS Applied Materials & Interfaces, 2018, 10, 12042-12050.	8.0	101
12	Highly Bendable, Conductive, and Transparent Film by an Enhanced Adhesion of Silver Nanowires. ACS Applied Materials & Interfaces, 2013, 5, 9155-9160.	8.0	99
13	Bioinspired photothermal conversion coatings with self-healing superhydrophobicity for efficient solar steam generation. Journal of Materials Chemistry A, 2018, 6, 24441-24451.	10.3	92
14	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.	8.0	81
15	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.	8.0	74
16	Rapid and Efficient Multiple Healing of Flexible Conductive Films by Near-Infrared Light Irradiation. ACS Applied Materials & Interfaces, 2014, 6, 16409-16415.	8.0	72
17	Layer-by-Layer Assembly of Fluorine-Free Polyelectrolyteâ€“Surfactant Complexes for the Fabrication of Self-Healing Superhydrophobic Films. Langmuir, 2016, 32, 12361-12369.	3.5	69
18	Superhydrophobic Foams with Chemical- and Mechanical-Damage-Healing Abilities Enabled by Self-Healing Polymers. ACS Applied Materials & Interfaces, 2019, 11, 37285-37294.	8.0	69

#	Article	IF	Citations
19	Oil-Repellent Antifogging Films with Water-Enabled Functional and Structural Healing Ability. ACS Applied Materials & Interfaces, 2017, 9, 27955-27963.	8.0	64
20	Nonfluorinated, transparent, and spontaneous self-healing superhydrophobic coatings enabled by supramolecular polymers. Chemical Engineering Journal, 2021, 404, 126504.	12.7	53
21	Highly Transparent, Nanofiller-Reinforced Scratch-Resistant Polymeric Composite Films Capable of Healing Scratches. ACS Nano, 2015, 9, 10055-10065.	14.6	45
22	Plant oil and amino acid-derived elastomers with rapid room temperature self-healing ability. Journal of Materials Chemistry A, 2019, 7, 21927-21933.	10.3	31
23	Self-healing superhydrophobic conductive coatings for self-cleaning and humidity-insensitive hydrogen sensors. Chemical Engineering Journal, 2021, 410, 128353.	12.7	31
24	Transparent antismudge coatings with thermally assisted healing ability. Journal of Materials Chemistry A, 2019, 7, 2812-2820.	10.3	24
25	Transparent Polymeric Films Capable of Healing Millimeter-Scale Cuts. ACS Applied Materials & Interfaces, 2018, 10, 13073-13081.	8.0	20
26	Spontaneous self-healing ionogels for efficient and reliable carbon dioxide separation. Journal of Materials Chemistry A, 2022, 10, 4695-4702.	10.3	12
27	Spontaneous wrinkling of layer-by-layer assembled polyelectrolyte films for humidity-responsive superhydrophobicity. Science China Chemistry, 2016, 59, 1568-1573.	8.2	7