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List of Publications by Year
in descending order

29 papers	824 citations	471371 17 h-index	501076 28 g-index
29 all docs	29 docs citations	29 times ranked	865 citing authors

#	Article	IF	Citations
1	Dual-Triggered and Thermally Reconfigurable Shape Memory Graphene-Vitrimer Composites. ACS Applied Materials & Interfaces, 2016, 8, 21691-21699.	4.0	207
2	High wear-resistant performance of thermosetting polyimide reinforced by graphitic carbon nitride (g-C3N4) under high temperature. Composites Part A: Applied Science and Manufacturing, 2018, 113, 200-208.	3.8	68
3	Dual-method molding of 4D shape memory polyimide ink. Materials and Design, 2020, 191, 108606.	3.3	49
4	High performance multiple-shape memory behaviors of Poly(benzoxazole-co-imide)s. Polymer, 2016, 88, 19-28.	1.8	46
5	Cobweb-like Structural Stimuli-Responsive Composite with Oil Warehouse and Transportation System for Oil Storage and Recyclable Smart-Lubrication. ACS Applied Materials & Interfaces, 2018, 10, 41699-41706.	4.0	44
6	Flexible and quasi-isotropically thermoconductive polyimide films by guided assembly of boron nitride nanoplate/boron nitride flakes for microelectronic application. Chemical Engineering Journal, 2022, 431, 133740.	6.6	37
7	Tribological performance of filled <scp>PTFE</scp>â€based friction material for ultrasonic motor under different temperature and vacuum degrees. Journal of Applied Polymer Science, 2017, 134, 45358.	1.3	34
8	Engineering a hyperbranched polyimide membrane for shape memory and CO₂ capture. Journal of Materials Chemistry A, 2017, 5, 13823-13833.	5.2	32
9	Fully Closed-Loop Recyclable Thermosetting Shape Memory Polyimide. ACS Sustainable Chemistry and Engineering, 2020, 8, 18869-18878.	3.2	31
10	Tailoring friction interface with surface texture for high-performance ultrasonic motor friction materials. Tribology International, 2019, 136, 412-420.	3.0	30
11	AO-resistant shape memory polyimide/silica composites with excellent thermal stability and mechanical properties. RSC Advances, 2015, 5, 72971-72980.	1.7	29
12	Recent advances in high-strength and high-toughness polyurethanes based on supramolecular interactions. Polymer Chemistry, 2022, 13, 2420-2441.	1.9	23
13	Shape memory induced structural evolution of high performance copolyimides. Journal of Polymer Science Part A, 2016, 54, 3858-3867.	2.5	22
14	Shape memory properties of interpenetrating polymer networks (IPNs) based on hyperbranched polyurethane (HBPU). European Polymer Journal, 2020, 123, 109393.	2.6	22
15	Utilizing Polyhexahydrotriazine (PHT) to Cross-Link Polyimide Oligomers for High-Temperature Shape Memory Polymer. Industrial & Engineering Chemistry Research, 2019, 58, 10599-10608.	1.8	20
16	The effect of N-doped quantum dots on the properties of in situ prepared colorless polyimide nanocomposite films. Materials and Design, 2018, 140, 144-152.	3.3	19
17	Damping, thermal, and mechanical performances of a novel semiâ€interpenetrating polymer networks based on polyimide/epoxy. Journal of Applied Polymer Science, 2019, 136, 48032.	1.3	19
18	Effect of isomerism on mechanical and tribological properties of thermoplastic polyimide films. Tribology International, 2018, 121, 373-380.	3.0	16

#	Article	IF	Citations
19	Tunable Tripleâ€Shape Memory Binary Mixtures with High Transition Temperature and Robust Mechanical Properties. Macromolecular Chemistry and Physics, 2016, 217, 1305-1313.	1.1	15
20	Synthesis of reduced graphene oxide/zinc ferrite/nickel nanohybrids: as a lightweight and high-performance microwave absorber in the low frequency. Journal of Materials Science: Materials in Electronics, 2019, 30, 18496-18505.	1.1	15
21	Tailoring polyimide composites with low friction and wear at high temperatures. Journal of Applied Polymer Science, 2022, 139, 51736.	1.3	8
22	Biphenyl Containing Shape Memory Epoxy Resin with Postâ€heating Adjustable Properties. Macromolecular Materials and Engineering, 2021, 306, 2100185.	1.7	7
23	Reconfigurable and NIR-responsive shape memory polymer containing bipheunit units and graphene. Polymer Journal, 2022, 54, 697-705.	1.3	7
24	Microstructure responses and deformation mechanisms of solutionized Ti-51.5â€¯at.%Ni alloy during reciprocating sliding. Tribology International, 2019, 140, 105816.	3.0	6
25	Effect of atomic oxygen on corrosion and friction and wear behavior of polyimide composites. Journal of Applied Polymer Science, 2020, 137, 48441.	1.3	6
26	Tribologically induced amorphization in the subsurface of aged Ni-rich TiNi alloy during dry sliding. Intermetallics, 2019, 113, 106574.	1.8	5
27	Macroscopic and microscopic shape memory effects of block copolymers prepared via ATRP. Journal of Polymer Science, 2020, 58, 20-24.	2.0	4
28	Supercritical CO2-assisted microfluidization as ultra-high efficiency strategy for graphene preparation. Journal of Materials Science, 2021, 56, 15653-15666.	1.7	3
29	Macroscopic and microscopic shape memory effects of block copolymers prepared via ATRP. Journal of Polymer Science, 2020, 58, 20-24.	2.0	0