Qiang 215116552

List of Publications by Year
in descending order

15	366	933447 10	1058476 14
papers	citations	h-index	g-index

15	15	15	435
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A flexible zinc tetrazolate framework exhibiting breathing behaviour on xenon adsorption and selective adsorption of xenon over other noble gases. Journal of Materials Chemistry A, 2015, 3, 10747-10752.	10.3	80
2	Atomic-scale insight into the pyrolysis of polycarbonate by ReaxFF-based reactive molecular dynamics simulation. Fuel, 2021, 287, 119484.	6.4	65
3	Metalâ€“organic framework derived nanoporous carbons with highly selective adsorption and separation of xenon. Journal of Materials Chemistry A, 2018, 6, 13696-13704.	10.3	49
4	Polydopamine particles as a Î²-nucleating agent and antioxidant for isotactic polypropylene. Chemical Engineering Journal, 2019, 363, 1-12.	12.7	30
5	Enhanced xenon adsorption and separation with an anionic indiumâ€“organic framework by ion exchange with Co²⁺. RSC Advances, 2017, 7, 55012-55019.	3.6	26
6	Pore Size Reduction by Methyl Function in Aluminum-Based Metalâ€“Organic Frameworks for Xenon/Krypton Separation. Crystal Growth and Design, 2020, 20, 8039-8046.	3.0	21
7	Effect of annealing-induced microstructure on the photo-oxidative degradation behavior of isotactic polypropylene. Polymer Degradation and Stability, 2019, 162, 180-195.	5.8	17
8	Study on the atomic scale of thermal and thermo-oxidative degradation of polylactic acid via reactive molecular dynamics simulation. Thermochimica Acta, 2022, 709, 179144.	2.7	16
9	Gamma Radiation Chemistry of Polydimethylsiloxane Foam in Radiation-Thermal Environments: Experiments and Simulations. ACS Applied Materials & Interfaces, 2021, 13, 41287-41302.	8.0	15
10	Fabrication and Properties of Polyimide/Carbon Fiber Aerogel and the Derivative Carbon Aerogel. Industrial & Engineering Chemistry Research, 2022, 61, 3952-3961.	3.7	15
11	Acceleratory and inhibitory effects of uniaxial tensile stress on the photo-oxidation of polyethylene: Dependence of stress, time duration and temperature. Polymer, 2018, 148, 316-329.	3.8	10
12	Tuning the Physicochemical Structure of Graphene Oxide by Thermal Reduction Temperature for Improved Stabilization Ability toward Polymer Degradation. Journal of Physical Chemistry C, 2020, 124, 8999-9008.	3.1	9
13	Photo-degradation of polyethylene under stress: A successive self-nucleation and annealing (SSA) study. Polymer Degradation and Stability, 2020, 172, 109060.	5.8	8
14	Experimental and Theoretical Study of Gamma Radiolysis and Dose Rate Effect of o-Cresol Formaldehyde Epoxy Composites. ACS Applied Materials & Interfaces, 2022, 14, 5959-5972.	8.0	4
15	Half-life determination of 88Kr based on rapid Krâ€“Xe separation. Journal of Radioanalytical and Nuclear Chemistry, 2021, 329, 1393-1398.	1.5	1