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List of Publications by Year in descending order

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15
papers

366
citations

933447

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1058476

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docs citations

15
times ranked

435
citing authors

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