Zhen

List of Publications by Year
in descending order

10 papers	**200** citations	1163117 **8** h-index	1474206 **9** g-index
10 all docs	**10** docs citations	**10** times ranked	**217** citing authors

#	Article	IF	Citations
1	Review of Soft Linear Actuator and the Design of a Dielectric Elastomer Linear Actuator. Acta Mechanica Solida Sinica, 2019, 32, 566-579.	1.9	41
2	A soft artificial muscle driven robot with reinforcement learning. Scientific Reports, 2018, 8, 14518.	3.3	35
3	Kinetics and mechanism of metallocene‐catalyzed olefin polymerization: Comparison of ethylene, propylene homopolymerizations, and their copolymerization. Journal of Polymer Science Part A, 2017, 55, 867-875.	2.3	30
4	Kinetics of short‐duration ethylene–propylene copolymerization with $MgCl_2$‐supported Ziegler–Natta catalyst: Differentiation of active centers on the external and internal surfaces of the catalyst particles. Journal of Applied Polymer Science, 2018, 135, 46030.	2.6	26
5	Comparative Study on Kinetics of Ethylene and Propylene Polymerizations with Supported Ziegler–Natta Catalyst: Catalyst Fragmentation Promoted by Polymer Crystalline Lamellae. Polymers, 2019, 11, 358.	4.5	19
6	Synthesis and characterization of functional polyethylene with regularly distributed thioester pendants via ring‐opening metathesis polymerization. Journal of Polymer Science Part A, 2017, 55, 4027-4036.	2.3	14
7	Efficient Motion Planning Based on Kinodynamic Model for Quadruped Robots Following Persons in Confined Spaces. IEEE/ASME Transactions on Mechatronics, 2021, 26, 1997-2006.	5.8	14
8	Deactivation Effect Caused by Catalyst-Cocatalyst Pre-contact in Propylene Polymerization with MgCl2-supported Ziegler-Natta Catalyst. Chinese Journal of Polymer Science (English Edition), 2019, 37, 1023-1030.	3.8	8
9	A State-of-Charge Estimation Method based on Bidirectional LSTM Networks for Lithium-ion Batteries. , 2020, , .		8
10	Particle morphology and morphogenesis of nascent polyethylene produced with a spherical MgCl$_2$‐supported Ziegler‐Natta catalyst in slurry process. Journal of Applied Polymer Science, 2018, 135, 45679.	2.6	5