

Zishou Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9169247/publications.pdf>

Version: 2024-02-01

39
papers

1,218
citations

471509

17
h-index

361022

35
g-index

39
all docs

39
docs citations

39
times ranked

1975
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulating Electronic Structure of Metal-Organic Framework for Efficient Electrocatalytic Oxygen Evolution. <i>Advanced Energy Materials</i> , 2018, 8, 1801564.	19.5	240
2	TiO ₂ @C core-shell nanowires for high-performance and flexible solid-state supercapacitors. <i>Journal of Materials Chemistry C</i> , 2013, 1, 225-229.	5.5	192
3	Water Surface Assisted Synthesis of Large-Scale Carbon Nanotube Film for High-Performance and Stretchable Supercapacitors. <i>Advanced Materials</i> , 2014, 26, 4724-4729.	21.0	148
4	A novel highly efficient β -nucleating agent for polypropylene using nano-CaCO ₃ as a support. <i>Polymer International</i> , 2010, 59, 1199-1204.	3.1	48
5	Ultrahigh energy fiber-shaped supercapacitors based on porous hollow conductive polymer composite fiber electrodes. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12250-12258.	10.3	45
6	Conductive membranes of EVA filled with carbon black and carbon nanotubes for flexible energy-storage devices. <i>Journal of Materials Chemistry A</i> , 2013, 1, 505-509.	10.3	41
7	Preparation and properties of eggshell/ β -polypropylene bio-composites. <i>Journal of Applied Polymer Science</i> , 2012, 125, 61-66.	2.6	38
8	A general dissolution-recrystallization strategy to achieve sulfur-encapsulated carbon for an advanced lithium-sulfur battery. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11664-11669.	10.3	38
9	Three-dimensional carbon nanotube/ethylvinylacetate/polyaniline as a high performance electrode for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1884-1889.	10.3	31
10	Preparation, crystallization behavior, and melting characteristics of β -nucleated isotactic polypropylene blends with polyamide 6. <i>Journal of Applied Polymer Science</i> , 2009, 112, 1-8.	2.6	28
11	Nonisothermal crystallization kinetics of isotactic polypropylene nucleated with a novel supported β -nucleating agent. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 311-318.	3.6	27
12	Polymer Molecular Engineering Enables Rapid Electron/Ion Transport in Ultra-Thick Electrode for High-Energy-Density Flexible Lithium-Ion Battery. <i>Advanced Functional Materials</i> , 2021, 31, .	14.9	27
13	Influence of different β -nucleating agent on crystallization behavior, morphology, and melting characteristic of multiwalled carbon nanotube-filled isotactic polypropylene nanocomposites. <i>Polymer Composites</i> , 2015, 36, 635-643.	4.6	25
14	Melting characteristic and β -crystal content of β -nucleated polypropylene/polyamide 6 alloys prepared using different compounding methods. <i>Polymer International</i> , 2009, 58, 1366-1372.	3.1	21
15	Non-isothermal crystallization kinetics and morphology of wollastonite-filled β -isotactic polypropylene composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 675-688.	3.6	21
16	Non-isothermal crystallization kinetics of UHMWPE composites filled by oligomer-modified CaCO ₃ . <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 1111-1120.	3.6	19
17	Effect of hybrid wollastonite with different nucleation and morphology on the crystallization and mechanical properties of polypropylene. <i>Polymer Composites</i> , 2019, 40, E638.	4.6	17
18	β -Nucleation of pimelic acid supported on metal oxides in isotactic polypropylene. <i>Polymer International</i> , 2012, 61, 818-824.	3.1	16

#	ARTICLE	IF	CITATIONS
19	Non-isothermal crystallization kinetics of montmorillonite filled \hat{I}^2 -isotactic polypropylene nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 121, 829-838.	3.6	15
20	Molecular chain bonding synthesis of nanoporous, flexible and conductive polymer composite with outstanding performance for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10091-10097.	10.3	15
21	Effect of acrylonitrile-butadiene-styrene copolymer (ABS) on \hat{I}^2 -nucleation in \hat{I}^2 -nucleated polypropylene/ABS blends. <i>Polymer Bulletin</i> , 2012, 69, 847-859.	3.3	14
22	The \hat{I}^2 -nucleation of polypropylene random copolymer filled by nano-CaCO ₃ supported \hat{I}^2 -nucleating agent. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 1587-1596.	3.6	14
23	Preparation, non-isothermal crystallization, and melting behavior of \hat{I}^2 -nucleated isotactic polypropylene/poly (ethylene terephthalate) blends. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 106, 895-903.	3.6	13
24	Preparation and characterization of wollastonite with a \hat{I}^2 -nucleating surface and its filled isotactic polypropylene composites. <i>Journal of Materials Science</i> , 2013, 48, 5225-5235.	3.7	13
25	Crystalline morphology and mechanical properties of isotactic polypropylene composites filled by wollastonite with \hat{I}^2 -nucleating surface. <i>Polymer Composites</i> , 2014, 35, 1445-1452.	4.6	13
26	The \hat{I}^2 -nucleating effect of wollastonite-filled isotactic polypropylene composites. <i>Polymer Bulletin</i> , 2013, 70, 919-938.	3.3	11
27	A novel polypropylene composite filled by kaolin particles with \hat{I}^2 -nucleation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 2137-2145.	3.6	11
28	Preparation and characterization of ultrahigh molecular weight polyethylene composites with high content of multiwall carbon nanotubes. <i>Polymer Composites</i> , 2020, 41, 1972-1978.	4.6	11
29	Long-life and High-power Binder-free Cathode Based on One-step Synthesis of Radical Polymers with Multi-pendant Groups. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800195.	3.9	10
30	Effect of blending way on \hat{I}^2 -crystallization tendency of compatibilized \hat{I}^2 -nucleated isotactic polypropylene/poly(ethylene terephthalate) blends. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 1585-1593.	3.6	9
31	Mechanical properties improvement of montmorillonite-filled isotactic polypropylene nanocomposites by \hat{I}^2 -modification. <i>Polymer Composites</i> , 2017, 38, E412.	4.6	8
32	Preparation and thermal property of ultrahigh molecular weight polyethylene composites filled by calcium carbonate modified with long chain. <i>Journal of Thermoplastic Composite Materials</i> , 2020, 33, 464-476.	4.2	8
33	Preparation and crystallization of aluminum hydroxide-filled \hat{I}^2 -polypropylene composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 773-780.	3.6	6
34	A multi-functional model based on confined assembly of polyaniline on the surface of multiwalled carbon nanotubes as framework for high-performance lithium-sulfur battery. <i>Electrochimica Acta</i> , 2022, 415, 140267.	5.2	6
35	Preparation of ZnO-supported 13X zeolite particles and their antimicrobial mechanism. <i>Journal of Materials Research</i> , 2017, 32, 4232-4240.	2.6	5
36	Design and Synthesis of a Facile Solution-processing and Ultrastable Crosslinkable Branched Nitroxide Polymer. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900068.	2.2	5

#	ARTICLE	IF	CITATIONS
37	Preparation and investigation of the ZnO -nucleated polypropylene/polystyrene blends. Journal of Applied Polymer Science, 2013, 127, 1114-1121.	2.6	4
38	Developing a three-dimensional co-continuous phase network structure <i>via</i> enhanced inter-component affinity for high-performance flexible organic radical electrodes. Journal of Materials Chemistry A, 2022, 10, 13286-13297.	10.3	3
39	Effect of HIPS on polymorphism, melting, and crystallization behavior of sPS crystallized dynamically from melting state. Journal of Applied Polymer Science, 2007, 103, 3353-3361.	2.6	2