

Ting Wu

List of Publications by Year in descending order

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45
papers

1,433
citations

430874

18
h-index

330143

37
g-index

45
all docs

45
docs citations

45
times ranked

1554
citing authors

#	ARTICLE	IF	CITATIONS
1	A structure–activity relationship study of flavonoids as inhibitors of E. coli by membrane interaction effect. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2751-2756.	2.6	171
2	Ti ₃ C ₂ MXene decorated black phosphorus nanosheets with improved visible-light photocatalytic activity: experimental and theoretical studies. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5171-5185.	10.3	168
3	Preparation of polymer/clay nanocomposites via melt intercalation under continuous elongation flow. <i>Composites Science and Technology</i> , 2017, 145, 157-164.	7.8	94
4	Tube wall delamination engineering induces photogenerated carrier separation to achieve photocatalytic performance improvement of tubular g-C ₃ N ₄ . <i>Journal of Hazardous Materials</i> , 2022, 424, 127177.	12.4	85
5	Distinctive Genes Determine Different Intramuscular Fat and Muscle Fiber Ratios of the longissimus dorsi Muscles in Jinhua and Landrace Pigs. <i>PLoS ONE</i> , 2013, 8, e53181.	2.5	75
6	Efficient fabrication of lightweight polyethylene foam with robust and durable superhydrophobicity for self-cleaning and anti-icing applications. <i>Chemical Engineering Journal</i> , 2021, 407, 127100.	12.7	73
7	Advances in preparation, mechanism and applications of graphene quantum dots/semiconductor composite photocatalysts: A review. <i>Journal of Hazardous Materials</i> , 2022, 424, 127721.	12.4	72
8	3D-QSAR and docking studies of flavonoids as potent Escherichia coli inhibitors. <i>Scientific Reports</i> , 2016, 6, 23634.	3.3	63
9	Layered double hydroxide based materials applied in persulfate based advanced oxidation processes: Property, mechanism, application and perspectives. <i>Journal of Hazardous Materials</i> , 2022, 424, 127612.	12.4	62
10	Cost-effective Fabrication of Micro-Nanostructured Superhydrophobic Polyethylene/Graphene Foam with Self-floating, Optical Trapping, Acid-Alkali Resistance for Efficient Photothermal Deicing and Interfacial Evaporation. <i>Small</i> , 2022, 18, e2200175.	10.0	54
11	Carbon nanotube-based materials for persulfate activation to degrade organic contaminants: Properties, mechanisms and modification insights. <i>Journal of Hazardous Materials</i> , 2022, 431, 128536.	12.4	48
12	Simultaneous determination of acetaminophen, theophylline and caffeine using a glassy carbon disk electrode modified with a composite consisting of poly(Alizarin Violet 3B), multiwalled carbon nanotubes and graphene. <i>Mikrochimica Acta</i> , 2016, 183, 731-739.	5.0	42
13	Morphology, rheology property, and crystallization behavior of PLLA/OMMT nanocomposites prepared by an innovative eccentric rotor extruder. <i>Polymers for Advanced Technologies</i> , 2018, 29, 41-51.	3.2	41
14	Polypropylene/polystyrene/clay blends prepared by an innovative eccentric rotor extruder based on continuous elongational flow: Analysis of morphology, rheology property, and crystallization behavior. <i>Polymer Testing</i> , 2017, 63, 73-83.	4.8	35
15	Construction of Bi ₂ WO ₆ /CoAl-LDHs S-scheme heterojunction with efficient photo-Fenton-like catalytic performance: Experimental and theoretical studies. <i>Chemosphere</i> , 2022, 291, 133001.	8.2	30
16	Determination of L-cysteine base on the reversion of fluorescence quenching of calcein by copper(II) ion. <i>Mikrochimica Acta</i> , 2012, 177, 295-300.	5.0	23
17	Efficient and economical approach for flexible photothermal icephobic copper mesh with robust superhydrophobicity and active deicing property. <i>Soft Matter</i> , 2021, 17, 1901-1911.	2.7	22
18	Antiviral activity of topoisomerase II catalytic inhibitors against Epstein-Barr virus. <i>Antiviral Research</i> , 2014, 107, 95-101.	4.1	19

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19	Sensitive determination of DNA based on the interaction between prulifloxacin-terbium(III) complex and DNA. <i>Luminescence</i> , 2013, 28, 894-899.	2.9	18
20	Metabolic footprint analysis of volatile metabolites by gas chromatography-ion mobility spectrometry to discriminate between different fermentation temperatures during <i>Streptococcus thermophilus</i> milk fermentation. <i>Journal of Dairy Science</i> , 2021, 104, 8541-8553.	3.4	17
21	Application of VIS/NIR Spectroscopy and SDAE-NN Algorithm for Predicting the Cold Storage Time of Salmon. <i>Journal of Spectroscopy</i> , 2018, 2018, 1-9.	1.3	16
22	Efficient fabrication of flame-retarding silicone rubber/hydroxylated boron nitride nanocomposites based on volumetric extensional rheology. <i>Chemical Engineering Journal</i> , 2022, 435, 135154.	12.7	16
23	Hsa-miR-331-3p inhibits VHL expression by directly targeting its mRNA 3'-UTR in HCC cell lines. <i>Acta Biochimica Polonica</i> , 2015, 62, 77-82.	0.5	15
24	Ultrafast Fabrication of Graphene-Reinforced Nanocomposites via Synergy of Steam Explosion and Alternating Convergent-Divergent Flow. <i>Small</i> , 2021, 17, e2100017.	10.0	14
25	Modulation of Gut Microbiota by <i>Lactobacillus casei</i> Fermented Raspberry Juice In Vitro and In Vivo. <i>Foods</i> , 2021, 10, 3055.	4.3	14
26	Direct laser etching of hierarchical nanospheres on silicon rubber surface with robust dynamic superhydrophobic stability. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49760.	2.6	13
27	Efficient fabrication of highly exfoliated and evenly dispersed high-density polyethylene/expanded graphite nanocomposite with enhanced dielectric constant and extremely low dielectric loss. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 142, 106242.	7.6	12
28	Structure-activity relationship and mechanism of flavonoids on the inhibitory activity of P-glycoprotein (P-gp)-mediated transport of rhodamine123 and daunorubicin in P-gp overexpressed human mouth epidermal carcinoma (KB/MDR) cells. <i>Food and Chemical Toxicology</i> , 2021, 155, 112381.	3.6	12
29	A Novel Recommendation Algorithm Incorporating Temporal Dynamics, Reviews and Item Correlation. <i>IEICE Transactions on Information and Systems</i> , 2018, E101.D, 2027-2034.	0.7	11
30	Microwave-assisted high-efficiency degradation of methyl orange by using CuFe ₂ O ₄ /CNT catalysts and insight into degradation mechanism. <i>Environmental Science and Pollution Research</i> , 2021, 28, 42683-42693.	5.3	11
31	Simultaneously achieving self-toughening and self-reinforcing of polyethylene on an industrial scale using volume-pulsation injection molding. <i>Polymer</i> , 2021, 213, 123324.	3.8	10
32	Investigation on Properties of Polypropylene/Multi-walled Carbon Nanotubes Nanocomposites Prepared by a Novel Eccentric Rotor Extruder Based on Elongational Rheology. <i>Journal of Macromolecular Science - Physics</i> , 2018, 57, 348-363.	1.0	9
33	Preparation of poly(L-lactide)/poly(ethylene glycol)/organo-modified montmorillonite nanocomposites via melt intercalation under continuous elongation flow. <i>Journal of Polymer Engineering</i> , 2018, 38, 449-460.	1.4	8
34	Vitexin and Isovitexin Act through Inhibition of Insulin Receptor to Promote Longevity and Fitness in <i>Caenorhabditis elegans</i> . <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100845.	3.3	8
35	Homogeneous dispersion of multiwalled carbon nanotubes via in situ bubble stretching and synergistic cyclic volume stretching for conductive LDPE/MWCNTs nanocomposites. <i>Polymer Engineering and Science</i> , 2019, 59, 2072-2081.	3.1	6
36	TDCTFIC: A Novel Recommendation Framework Fusing Temporal Dynamics, CNN-Based Text Features and Item Correlation. <i>IEICE Transactions on Information and Systems</i> , 2019, E102.D, 1517-1525.	0.7	6

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37	Effect of series explosion effects on the fiber length, fiber dispersion and structure properties in glass fiber reinforced polyamide 66. <i>Polymers for Advanced Technologies</i> , 2021, 32, 505-513.	3.2	6
38	One-step laser etching of a bionic hierarchical structure on a silicone rubber surface with thermal and acid/alkali resistance and tunable wettability. <i>Soft Matter</i> , 2022, 18, 3412-3421.	2.7	6
39	Inoculum size of co-fermentative culture affects the sensory quality and volatile metabolome of fermented milk over storage. <i>Journal of Dairy Science</i> , 2022, 105, 5654-5668.	3.4	6
40	Effect of continuous elongational flow on structure and properties of poly(L-lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (acid Composites, 2019, 40, E617.	4.6	5
41	Bioinspired preparation of regular dual-level micropillars on polypropylene surfaces with robust hydrophobicity inspired by green bristlegrass leaves. <i>Polymers for Advanced Technologies</i> , 2020, 31, 492-500.	3.2	5
42	Tunable fabrication of biomimetic polypropylene nanopillars with robust superhydrophobicity and antireflectivity. <i>Nanotechnology</i> , 2021, 32, 395301.	2.6	5
43	Scalable and cost-effective fabrication of self-floating three-dimensional interconnected polyethylene/multiwall carbon nanotubes composite foam for high evaporation performance. <i>Composites Part B: Engineering</i> , 2022, 243, 110111.	12.0	5
44	Lignin-Reinforced Paper with Excellent Stability and Thermal Properties for an Efficient Heat Spreader. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5569-5581.	6.7	2
45	Multigranularity Space Management Scheme for Accelerating the Write Performance of In-Memory File Systems. <i>IEEE Systems Journal</i> , 2020, 14, 5429-5440.	4.6	0