

Ting Wu

List of Publications by Year in descending order

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45
papers

1,433
citations

430843

18
h-index

330122

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 |