# Zhe Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7857229/publications.pdf

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|---|---|---|---|
| 37<br>papers | 1,804<br>citations | 331259<br>21<br>h-index | 344852<br>36<br>g-index |
| 37<br>all docs | 37<br>docs citations | 37<br>times ranked | 2247<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ultra-small platinum nanoparticles segregated by nickle sites for efficient ORR and HER processes. Journal of Energy Chemistry, 2022, 65, 48-54. | 7.1 | 63 |
| 2 | Numerical Study on the Reinforcement Measures of Tunneling on Adjacent Piles. Symmetry, 2022, 14, 288. | 1.1 | 6 |
| 3 | Ultrafast Macroscopic Assembly of High-Strength Graphene Oxide Membranes by Implanting an Interlaminar Superhydrophilic Aisle. ACS Nano, 2022, 16, 3934-3942. | 7.3 | 13 |
| 4 | Mild Liquid-Phase Exfoliation of Transition Metal Dichalcogenide Nanosheets for Hydrogen Evolution. ACS Applied Nano Materials, 2022, 5, 8020-8028. | 2.4 | 9 |
| 5 | A new strategy to access Co/N co-doped carbon nanotubes as oxygen reduction reaction catalysts. Chinese Chemical Letters, 2021, 32, 535-538. | 4.8 | 17 |
| 6 | Wideband and low sidelobe graphene antenna array for 5G applications. Science Bulletin, 2021, 66, 103-106. | 4.3 | 33 |
| 7 | Flexible Anti-Metal RFID Tag Antenna Based on High-Conductivity Graphene Assembly Film. Sensors, 2021, 21, 1513. | 2.1 | 15 |
| 8 | Low-power flexible strain sensors based on highly conductive graphene films. Chinese Science Bulletin, 2021, 66, 401-402. | 0.4 | 1 |
| 9 | Propagating Fe-N4 active sites with Vitamin C to efficiently drive oxygen electrocatalysis. Nano Energy, 2021, 82, 105714. | 8.2 | 53 |
| 10 | Passive UHF RFID tags made with graphene assembly film-based antennas. Carbon, 2021, 178, 803-809. | 5.4 | 16 |
| 11 | Highly Reduced Graphene Assembly Film as Current Collector for Lithium Ion Batteries. ACS Sustainable Chemistry and Engineering, 2021, 9, 8635-8641. | 3.2 | 12 |
| 12 | Cobalt single atom site isolated Pt nanoparticles for efficient ORR and HER in acid media. Nano Energy, 2021, 88, 106221. | 8.2 | 181 |
| 13 | Fe-incorporated cobalt-based metal-organic framework ultrathin nanosheets for electrocatalytic oxygen evolution. Chemical Engineering Journal, 2021, 422, 130055. | 6.6 | 19 |
| 14 | Ternary Alloys Enable Efficient Production of Methoxylated Chemicals via Selective Electrocatalytic Hydrogenation of Lignin Monomers. Journal of the American Chemical Society, 2021, 143, 17226-17235. | 6.6 | 43 |
| 15 | Rapid soldering of flexible graphene assembled films at low temperature in air with ultrasonic assistance. Carbon, 2020, 158, 55-62. | 5.4 | 11 |
| 16 | Enhanced output performance of flexible piezoelectric energy harvester by using auxetic graphene films as electrodes. Applied Physics Letters, 2020, 117, . | 1.5 | 10 |
| 17 | Anion-Modulated Platinum for High-Performance Multifunctional Electrocatalysis toward HER, HOR, and ORR. IScience, 2020, 23, 101793. | 1.9 | 45 |
| 18 | Compact and Low-Profile UWB Antenna Based on Graphene-Assembled Films for Wearable Applications. Sensors, 2020, 20, 2552. | 2.1 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Sandwiched Graphene Clad Laminate: A Binderâ€Free Flexible Printed Circuit Board for 5G Antenna Application. Advanced Engineering Materials, 2020, 22, 2000451. | 1.6 | 42 |
| 20 | Lifting the energy density of lithium ion batteries using graphite film current collectors. Journal of Power Sources, 2020, 455, 227991. | 4.0 | 19 |
| 21 | Customizable fabrication for auxetic graphene assembled macrofilms with high conductivity and flexibility. Carbon, 2020, 162, 545-551. | 5.4 | 12 |
| 22 | High conductive graphene assembled films with porous micro-structure for freestanding and ultra-low power strain sensors. Science Bulletin, 2020, 65, 1363-1370. | 4.3 | 38 |
| 23 | Fabrication of mullite nano ceramic through addition of long-chain carbohydrates. Materials Today Communications, 2020, 25, 101196. | 0.9 | 2 |
| 24 | Phosphorization engineering ameliorated the electrocatalytic activity for overall water splitting on Ni<sub>3</sub>S<sub>2</sub> nanosheets. Dalton Transactions, 2019, 48, 13466-13471. | 1.6 | 32 |
| 25 | Flexible and transparent graphene/silver-nanowires composite film for high electromagnetic interference shielding effectiveness. Science Bulletin, 2019, 64, 540-546. | 4.3 | 85 |
| 26 | Metal-organic frameworks derived reverse-encapsulation Co-NC@Mo2C complex for efficient overall water splitting. Nano Energy, 2019, 57, 746-752. | 8.2 | 316 |
| 27 | Shrunken hollow Mo-N/Mo-C nanosphere structure for efficient hydrogen evolution in a broad pH range. Electrochimica Acta, 2019, 298, 799-805. | 2.6 | 38 |
| 28 | Tri-phase (1-x-y) Li2FeSiO4Â·xLiFeBO3Â·yLiFePO4 nested nanostructure with enhanced Li-storage properties. Chemical Engineering Journal, 2019, 358, 786-793. | 6.6 | 13 |
| 29 | Mesoporous-silica induced doped carbon nanotube growth from metalâ€“organic frameworks. Nanoscale, 2018, 10, 6147-6154. | 2.8 | 96 |
| 30 | Seed-mediated synthesis of large-diameter ternary TePtCo nanotubes for enhanced oxygen reduction reaction. Applied Catalysis B: Environmental, 2018, 231, 277-282. | 10.8 | 48 |
| 31 | Ultrahigh Conductive Copper/Large Flake Size Graphene Heterostructure Thinâ€Film with Remarkable Electromagnetic Interference Shielding Effectiveness. Small, 2018, 14, e1704332. | 5.2 | 111 |
| 32 | Highly sensitive wearable sensor based on a flexible multi-layer graphene film antenna. Science Bulletin, 2018, 63, 574-579. | 4.3 | 97 |
| 33 | TePtFe Nanotubes as Highâ€Performing Bifunctional Electrocatalysts for the Oxygen Reduction Reaction and Hydrogen Evolution Reaction. ChemSusChem, 2018, 11, 1328-1333. | 3.6 | 22 |
| 34 | Flexible graphite films with high conductivity for radio-frequency antennas. Carbon, 2018, 130, 164-169. | 5.4 | 105 |
| 35 | Surface Evolution of PtCu Alloy Shell over Pd Nanocrystals Leads to Superior Hydrogen Evolution and Oxygen Reduction Reactions. ACS Energy Letters, 2018, 3, 940-945. | 8.8 | 126 |
| 36 | Naâ€“Mnâ€“O@C yolkâ€“shell nanorods as an ultrahigh electrochemical performance anode for lithium ion batteries. Journal of Materials Chemistry A, 2017, 5, 18509-18517. | 5.2 | 22 |

| # | Article | IF | Citations |
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| 37 | Research on time relevant variables based fatigue level prediction model. , 2017, , . | | 3 |