# Zhankun Weng

List of Publications by Year
in descending order

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| 36 | 486 | 840776 11 | 713466 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 37 | 37 | 37 | 577 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Bioinspired microgroove arrays with drag reduction and hydrophobic properties. Surface Innovations, 2023, 11, 262-269. | 2.3 | 2 |
| 2 | Fabrication of periodic microscale stripes of silver by laser interference induced forward transfer and their SERS properties. Nanotechnology, 2022, 33, 115302. | 2.6 | 6 |
| 3 | Recent progress of transparent conductive electrodes in the construction of efficient flexible organic solar cells. International Journal of Energy Research, 2022, 46, 4071-4087. | 4.5 | 10 |
| 4 | Single-cell patterning regulation by physically modified silicon nanostructures. Analytical Methods, 2022, , . | 2.7 | 1 |
| 5 | Facile fabrication of micropattern surfaces with controlled wettability on PDMS-modified fiber membranes for cell patterning. Analytical Methods, 2022, 14, 1820-1826. | 2.7 | 3 |
| 6 | Fabrication of periodical micro-stripe structure of polyimide by laser interference induced forward transfer technique. Applied Surface Science, 2021, 541, 148466. | 6.1 | 10 |
| 7 | Magnetic Ganoderma Lucidum Spores (mGLS): A Novel Regulatable Targeted Drug Delivery System. Journal of Bionic Engineering, 2021, 18, 915-926. | 5.0 | 3 |
| 8 | Investigation of the mechanical effects of targeted drugs on cancerous cells based on atomic force microscopy. Analytical Methods, 2021, 13, 3136-3146. | 2.7 | 9 |
| 9 | Effect of triazene polymer film on the Ag micro-stripe prepared by LIIFT technology. , 2021, , . | | 0 |
| 10 | Antimicrobial activity in vitro of flower-like Cu2O. , 2021, , . | | 0 |
| 11 | Templated assembly of micropatterned Au-Ni nanoparticles on laser interference-structured surfaces by thermal dewetting. Journal of Magnetism and Magnetic Materials, 2020, 495, 165876. | 2.3 | 3 |
| 12 | Fabrication of biomimetic superhydrophobic and anti-icing Ti6Al4V alloy surfaces by direct laser interference lithography and hydrothermal treatment. Applied Surface Science, 2020, 534, 147576. | 6.1 | 63 |
| 13 | Investigating effects of silicon nanowire and nanohole arrays on fibroblasts via AFAM. Applied Nanoscience (Switzerland), 2020, 10, 3717-3724. | 3.1 | 4 |
| 14 | Ligand engineering of colloid quantum dots and their application in all-inorganic tandem solar cells. Journal of Energy Chemistry, 2020, 50, 230-239. | 12.9 | 22 |
| 15 | Magneticâ€“plasmonic Ni@Au coreâ€“shell nanoparticle arrays and their SERS properties. RSC Advances, 2020, 10, 2661-2669. | 3.6 | 19 |
| 16 | Modeling and correction of image pixel hysteresis in atomic force microscopy. Ultramicroscopy, 2020, 213, 112992. | 1.9 | 2 |
| 17 | Fabrication of oil-water separation stainless steel mesh via direct laser interference lithography, candle soot deposition, and thermal treatment. Journal of Laser Applications, 2019, 31, 012003. | 1.7 | 11 |
| 18 | Fabrication of silicon nanostripe structures by laser-interference-induced backward transfer technique. Applied Surface Science, 2019, 489, 983-988. | 6.1 | 12 |

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|---|---|---|---|
| 19 | Label-free highly sensitive probe detection with novel hierarchical SERS substrates fabricated by nanoindentation and chemical reaction methods. Beilstein Journal of Nanotechnology, 2019, 10, 2483-2496. | 2.8 | 3 |
| 20 | Study of SUâ€8 photoresist crossâ€linking process by atomic force acoustic microscopy. Journal of Microscopy, 2019, 276, 136-144. | 1.8 | 0 |
| 21 | Fabrication of periodically micropatterned magnetite nanoparticles by laser-interference-controlled electrodeposition. Journal of Materials Science, 2018, 53, 3239-3249. | 3.7 | 13 |
| 22 | Superlens-enhanced laser interference lithography. Applied Physics Express, 2018, 11, 125201. | 2.4 | 12 |
| 23 | Effects of temperature and current density on the porous structure of InP. Journal of Solid State Electrochemistry, 2017, 21, 545-553. | 2.5 | 3 |
| 24 | Micro and nano dual-scale structures fabricated by amplitude modulation in multi-beam laser interference lithography. Optics Express, 2017, 25, 29135. | 3.4 | 28 |
| 25 | Bio-inspired hierarchical patterning of silicon by laser interference lithography. Applied Optics, 2016, 55, 3226. | 1.8 | 33 |
| 26 | Fabrication of hematite (Î±-Fe 2 O 3 ) nanoparticles using electrochemical deposition. Applied Surface Science, 2016, 368, 303-308. | 6.1 | 49 |
| 27 | Fabrication of Pt nanowires with a diffraction-unlimited feature size by high-threshold lithography. Applied Physics Letters, 2015, 107, 133104. | 3.3 | 9 |
| 28 | Tunable Electrochemical Oscillation and Regular 3D Nanopore Arrays of InP. Journal of the Electrochemical Society, 2015, 162, E129-E133. | 2.9 | 7 |
| 29 | Catalyst-Free, Selective Growth of ZnO Nanowires on SiO<sub>2</sub> by Chemical Vapor Deposition for Transfer-Free Fabrication of UV Photodetectors. ACS Applied Materials & Interfaces, 2015, 7, 20264-20271. | 8.0 | 69 |
| 30 | Tunable oscillatory phenomenon during anodic of n-InP (100) by the CPCR model. , 2014, , . | | 1 |
| 31 | Fabrication of moth-eye structures on silicon by direct six-beam laser interference lithography. Journal of Applied Physics, 2014, 115, . | 2.5 | 59 |
| 32 | Growth of porous InP: Transition from three to two dimensional structures. , 2013, , . | | 3 |
| 33 | Selective etching of InP in NaF solution. Applied Surface Science, 2010, 256, 2052-2055. | 6.1 | 5 |
| 34 | Fabrication of the InP nanopillars. , 2010, , . | | 0 |
| 35 | Anodic etching of InP using neutral NaCl electrolyte. Journal of Porous Materials, 2009, 16, 707-713. | 2.6 | 9 |
| 36 | Formation of porous InP by cathodic decomposition. Microelectronics Journal, 2007, 38, 1191-1195. | 2.0 | 3 |