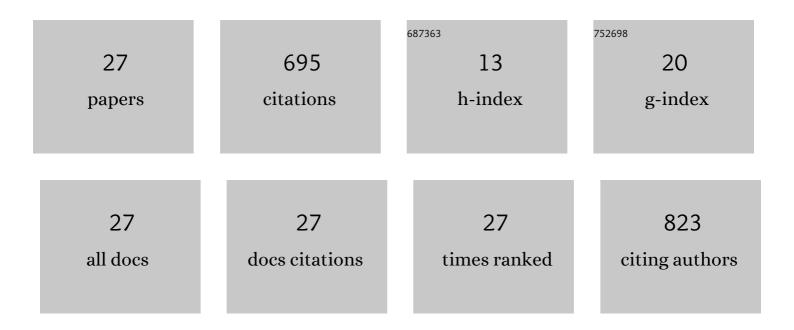


List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Creating robust superamphiphobic coatings for both hard and soft materials. Journal of Materials Chemistry A, 2015, 3, 20999-21008. | 10.3 | 123 |
| 2 | Atmospheric Pressure Plasma Functionalized Polymer Mesh: An Environmentally Friendly and Efficient Tool for Oil/Water Separation. ACS Sustainable Chemistry and Engineering, 2016, 4, 6828-6837. | 6.7 | 91 |
| 3 | Underwater Spontaneous Pumpless Transportation of Nonpolar Organic Liquids on Extreme Wettability Patterns. ACS Applied Materials & Interfaces, 2016, 8, 2942-2949. | 8.0 | 72 |
| 4 | Stability of plasma treated superhydrophobic surfaces under different ambient conditions. Journal of Colloid and Interface Science, 2016, 470, 221-228. | 9.4 | 67 |
| 5 | Anisotropic sliding on dual-rail hydrophilic tracks. Lab on A Chip, 2017, 17, 1041-1050. | 6.0 | 56 |
| 6 | Maskless Hydrophilic Patterning of the Superhydrophobic Aluminum Surface by an Atmospheric Pressure Microplasma Jet for Water Adhesion Controlling. ACS Applied Materials & Interfaces, 2018, 10, 7497-7503. | 8.0 | 46 |
| 7 | Multi-functional application of oil-infused slippery Al surface: from anti-icing to corrosion resistance. Journal of Materials Science, 2018, 53, 16099-16109. | 3.7 | 42 |
| 8 | Dropletâ€Based Selfâ€Propelled Miniboat. Advanced Functional Materials, 2020, 30, 1910778. | 14.9 | 38 |
| 9 | A universal method to create surface patterns with extreme wettability on metal substrates. Journal of Colloid and Interface Science, 2019, 535, 100-110. | 9.4 | 21 |
| 10 | Fabrication of Long-Term Underwater Superoleophobic Al Surfaces and Application on Underwater Lossless Manipulation of Non-Polar Organic Liquids. Scientific Reports, 2016, 6, 31818. | 3.3 | 18 |
| 11 | Water strider-inspired design of a water walking robot using superhydrophobic Al surface. Journal of Dispersion Science and Technology, 2018, 39, 1840-1847. | 2.4 | 18 |
| 12 | Fabrication of superhydrophobic surfaces on copper substrates via flow plating technology. Micro and Nano Letters, 2015, 10, 88-92. | 1.3 | 16 |
| 13 | Adjusting the stability of plasma treated superhydrophobic surfaces by different modifications or microstructures. RSC Advances, 2016, 6, 79437-79447. | 3.6 | 14 |
| 14 | An Improved Adaptive Genetic Algorithm for Job-Shop Scheduling Problem. , 2007, , . | | 12 |
| 15 | Facile preparation of superhydrophilic and underwater superoleophobic mesh for oil/water separation in harsh environments. Journal of Dispersion Science and Technology, 2019, 40, 784-793. | 2.4 | 11 |
| 16 | Atmospheric pressure plasma jet assisted micro-milling of Inconel 718. International Journal of Advanced Manufacturing Technology, 2019, 103, 4681-4687. | 3.0 | 8 |
| 17 | 3D FEM simulation of chip breakage in turning AISI1045 with complicate-grooved insert. International Journal of Advanced Manufacturing Technology, 2020, 108, 1331-1341. | 3.0 | 8 |
| | | | |

18 Camera Calibration Based on Improved Genetic Algorithm. , 2007, , .

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Polyurethane-rubber punching process for micro-hole arrays. Microsystem Technologies, 2017, 23, 2943-2950. | 2.0 | 7 |
| 20 | Electrolytic colouring method for preparing robust coloured superhydrophobic surfaces with good corrosion resistance. Micro and Nano Letters, 2019, 14, 5-10. | 1.3 | 6 |
| 21 | A facile electrochemical machining process to fabricate superhydrophobic surface on iron materials and its applications in anti-icing. Journal of Dispersion Science and Technology, 2021, 42, 457-464. | 2.4 | 5 |
| 22 | Analyzing and Improving of Neural Networks used in Stereo Calibration. , 2007, , . | | 4 |
| 23 | An Improved Genetic Algorithm with Recurrent Search for the Job-Shop Scheduling Problem. , 2006, , . | | 2 |
| 24 | Fabrication of extreme wettability patterns with water-film protection for organic liquids. Journal of Dispersion Science and Technology, 2017, 38, 566-569. | 2.4 | 2 |
| 25 | Research on Manufacturing Product Quotation System Based-on Mass Customization. , 2006, , . | | 1 |
| 26 | 3D Reconstruction of Body of Revolution's Curved Surface from CCD Image Based on Fictitious Dimensional Plane and Available in Vision Measurement. , 2007, , . | | 0 |
| 27 | Fabrication and application of superhydrophobic-superoleophilic porous Cu sponge. , 2017, , . | | Ο |