

# Wei Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11629884/publications.pdf>

Version: 2024-02-01

15  
papers

1,281  
citations

1039406

9  
h-index

1372195

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

956  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Optical virtual imaging at 50 nm lateral resolution with a white-light nanoscope. Nature Communications, 2011, 2, 218.  | 5.8 | 641       |
| 2  | Label-free super-resolution imaging of adenoviruses by submerged microsphere optical nanoscopy. Light: Science and Applications, 2013, 2, e104-e104.  | 7.7 | 229       |
| 3  | Microsphere-Coupled Scanning Laser Confocal Nanoscope for Sub-Diffraction-Limited Imaging at 25 nm Lateral Resolution in the Visible Spectrum. ACS Nano, 2014, 8, 1809-1816.  | 7.3 | 179       |
| 4  | Immersed transparent microsphere magnifying sub-diffraction-limited objects. Applied Optics, 2013, 52, 7265.  | 2.1 | 72        |
| 5  | Overcoming the diffraction limit induced by microsphere optical nanoscopy. Journal of Optics (United Tj ETQq1 1 0.784314 ggBT /Over   | 1.0 | 62        |
| 6  | Microstructure and mechanical characteristics of a laser welded joint in SA508 nuclear pressure vessel steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 625, 65-80. | 2.6 | 35        |
| 7  | Understanding and elimination of process defects in narrow gap multi-pass fiber laser welding of ferritic steel sheets of 30Âmm thickness. International Journal of Advanced Manufacturing Technology, 2017, 88, 1821-1830.         | 1.5 | 24        |
| 8  | Narrow gap laser welding for potential nuclear pressure vessel manufacture. Journal of Laser Applications, 2016, 28, .  | 0.8 | 19        |
| 9  | Chemical-assisted laser parallel nanostructuring of silicon in optical near fields. Nanotechnology, 2008, 19, 455302.   | 1.3 | 13        |
| 10 | Finite Element Analysis of Thermal Effect on Large Thick Titanium Alloy Electron Beam Welding with Different Focus. Applied Mechanics and Materials, 0, 152-154, 665-671.   | 0.2 | 3         |
| 11 | Imaging with the Super-resolution Microsphere Amplifying Lens (SMAL) Nanoscope. Journal of Physics: Conference Series, 2017, 902, 012014.   | 0.3 | 3         |
| 12 | Large area nanopatterning of silicon surface by chemical assisted laser processing using near-field enhancement by particle-lens arrays. , 2008, , .  |     | 1         |
| 13 | Large area nanopatterning of silicon surface by chemical assisted laser processing using near-field enhancement by particle-lens arrays. , 2008, , .  |     | 0         |
| 14 | Optical Scanning Nanoscope with Microsphere Attached Objective Lens for Super Resolution 3D Virtual Imaging. , 2017, , .  |     | 0         |
| 15 | Optical Tweezers Microsphere-lens Super Resolution Imaging System. , 2017, , .  |     | 0         |