

# Wenyu Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5481630/publications.pdf>

Version: 2024-02-01

13  
papers

147  
citations

1937685

4  
h-index

2053705

5  
g-index

13  
all docs

13  
docs citations

13  
times ranked

174  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A Noise-Tolerant Algorithm for Robot-Sensor Calibration Using a Planar Disk of Arbitrary 3-D Orientation. IEEE Transactions on Automation Science and Engineering, 2018, 15, 251-263. | 5.2 | 26        |
| 2  | Robotic Vision Inspection of Complex Joints for Automatic Welding. , 2018, , .  |     | 3         |
| 3  | Scale registration based on descriptor analysis and B-spline matching. , 2017, , .  |     | 1         |
| 4  | Polynomial curve registration for matching point clouds of different scales. , 2017, , .  |     | 1         |
| 5  | Volume Preserved Massâ€“Spring Model with Novel Constraints for Soft Tissue Deformation. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 268-280.                        | 6.3 | 59        |
| 6  | Guided anchor data extraction and registration from incomplete and noisy scanned surface. , 2015, , .   |     | 0         |
| 7  | Planning of hepatectomy for tumor resection: Resection surface construction and optimization. , 2013, 2013, 1286-9.   |     | 0         |
| 8  | Planning of Middle Hepatic Vein-Guided Hemihepatectomy: Resection Pathway Construction and Optimization. Lecture Notes in Computer Science, 2013, , 55-64.                            | 1.3 | 0         |
| 9  | Geometric construction of energy-minimizing BÃ©ezier curves. Science China Information Sciences, 2011, 54, 1395-1406.   | 4.3 | 31        |
| 10 | Monge mapping using hierarchical NURBS. Visual Computer, 2010, 26, 779-789.   | 3.5 | 1         |
| 11 | Freeform-based form feature modeling using a hierarchical & multi-resolution NURBS method. , 2010, , .  |     | 3         |
| 12 | Constructing Triangular Meshes of Minimal Area. Computer-Aided Design and Applications, 2008, 5, 508-518.   | 0.6 | 16        |
| 13 | Generalized hierarchical NURBS for interactive shape modification. , 2008, , .  |     | 6         |