

Yuanzheng Gong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11255003/publications.pdf>

Version: 2024-02-01

16
papers

303
citations

1306789

7
h-index

1473754

9
g-index

16
all docs

16
docs citations

16
times ranked

321
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Ultrafast 3-D shape measurement with an off-the-shelf DLP projector. Optics Express, 2010, 18, 19743. | 1.7 | 106 |
| 2 | Semi-autonomous simulated brain tumor ablation with RAVENII Surgical Robot using behavior tree. , 2015, 2015, 3868-3875. | | 67 |
| 3 | Three-dimensional measurement of small inner surface profiles using feature-based 3-D panoramic registration. Optical Engineering, 2017, 56, 014108. | 0.5 | 23 |
| 4 | Semi-autonomous image-guided brain tumour resection using an integrated robotic system: A bench-top study. International Journal of Medical Robotics and Computer Assisted Surgery, 2018, 14, e1872. | 1.2 | 19 |
| 5 | Bound constrained bundle adjustment for reliable 3D reconstruction. Optics Express, 2015, 23, 10771. | 1.7 | 17 |
| 6 | Accurate three-dimensional virtual reconstruction of surgical field using calibrated trajectories of an image-guided medical robot. Journal of Medical Imaging, 2014, 1, 035002. | 0.8 | 13 |
| 7 | Path planning for semi-automated simulated robotic neurosurgery. , 2015, 2015, 2639-2645. | | 12 |
| 8 | Toward real-time quantification of fluorescence molecular probes using target/background ratio for guiding biopsy and endoscopic therapy of esophageal neoplasia. Journal of Medical Imaging, 2017, 4, 1. | 0.8 | 12 |
| 9 | Axial-Stereo 3-D Optical Metrology for Inner Profile of Pipes Using a Scanning Laser Endoscope. International Journal of Optomechatronics, 2015, 9, 238-247. | 3.3 | 11 |
| 10 | Mapping surgical fields by moving a laser-scanning multimodal scope attached to a robot arm. , 2014, 9036, . | | 5 |
| 11 | Feature-Based Three-Dimensional Registration for Repetitive Geometry in Machine Vision. Journal of Information Technology & Software Engineering, 2016, 6, . | 0.3 | 5 |
| 12 | Improving 4-D shape measurement by using projector defocusing. , 2010, , . | | 4 |
| 13 | Toward real-time endoscopically-guided robotic navigation based on a 3D virtual surgical field model. , 2015, 9415, 94150C. | | 4 |
| 14 | Toward real-time tumor margin identification in image-guided robotic brain tumor resection. Proceedings of SPIE, 2017, 10135, . | 0.8 | 3 |
| 15 | Some recent advance on high-speed, high-resolution 3-D shape measurement using projector defocusing. , 2010, , . | | 2 |
| 16 | High-Speed, High-Resolution 3D Imaging Using Projector Defocusing. , 0, , 121-140. | | 0 |