

Rongqian Yang

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

502
citations

687220

13
h-index

713332

21
g-index

40
all docs

40
docs citations

40
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible and accurate implementation of a binocular structured light system. <i>Optics and Lasers in Engineering</i> , 2008, 46, 373-379.	2.0	55
2	Geometric Calibration of IR Camera Using Trinocular Vision. <i>Journal of Lightwave Technology</i> , 2011, 29, 3797-3803.	2.7	42
3	Design of a 3-D Infrared Imaging System Using Structured Light. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2011, 60, 608-617.	2.4	41
4	Design of an Accurate Near Infrared Optical Tracking System in Surgical Navigation. <i>Journal of Lightwave Technology</i> , 2013, 31, 223-231.	2.7	38
5	Depression recognition according to heart rate variability using Bayesian Networks. <i>Journal of Psychiatric Research</i> , 2017, 95, 282-287.	1.5	35
6	Heart rate variability in patients with major depression disorder during a clinical autonomic test. <i>Psychiatry Research</i> , 2017, 256, 207-211.	1.7	30
7	Real-time automatic registration in optical surgical navigation. <i>Infrared Physics and Technology</i> , 2016, 76, 375-385.	1.3	24
8	Strategy for accurate liver intervention by an optical tracking system. <i>Biomedical Optics Express</i> , 2015, 6, 3287.	1.5	22
9	Development and Validation of a Near-Infrared Optical System for Tracking Surgical Instruments. <i>Journal of Medical Systems</i> , 2016, 40, 107.	2.2	19
10	A Novel Respiratory Follow-Up Robotic System for Thoracic-Abdominal Puncture. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 2368-2378.	5.2	19
11	Robust Stereo-Match Algorithm for Infrared Markers in Image-Guided Optical Tracking System. <i>IEEE Access</i> , 2018, 6, 52421-52433.	2.6	18
12	Hemoglobin targets for the anemia in patients with dialysis-dependent chronic kidney disease: a meta-analysis of randomized, controlled trials. <i>Renal Failure</i> , 2018, 40, 671-679.	0.8	14
13	Tracking multiple surgical instruments in a near-infrared optical system. <i>Computer Assisted Surgery</i> , 2016, 21, 46-55.	0.6	13
14	Neurosurgical Craniotomy Localization Using Interactive 3D Lesion Mapping for Image-Guided Neurosurgery. <i>IEEE Access</i> , 2019, 7, 10606-10616.	2.6	13
15	Synchronization Design and Error Analysis of Near-Infrared Cameras in Surgical Navigation. <i>Journal of Medical Systems</i> , 2016, 40, 7.	2.2	12
16	An Accurate Recognition of Infrared Retro-Reflective Markers in Surgical Navigation. <i>Journal of Medical Systems</i> , 2019, 43, 153.	2.2	11
17	Geometric calibration of markerless optical surgical navigation system. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2019, 15, e1978.	1.2	11
18	Effect of gender-related depression on heart rate variability during an autonomic nervous test. <i>Psychiatry Research</i> , 2019, 272, 258-264.	1.7	10

#	ARTICLE	IF	CITATIONS
19	Hypnosis in the Treatment of Major Depression: <i>An Analysis of Heart Rate Variability</i> . International Journal of Clinical and Experimental Hypnosis, 2017, 65, 52-63.	1.1	9
20	Optics-guided Robotic System for Dental Implant Surgery. Chinese Journal of Mechanical Engineering (English Edition), 2022, 35, .	1.9	9
21	Near-Infrared Camera Calibration for Optical Surgical Navigation. Journal of Medical Systems, 2016, 40, 67.	2.2	7
22	A multiple closed-loops robotic calibration for accurate surgical puncture. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, 17, e2242.	1.2	7
23	Simulation and Visualization of Liver Cancer Ablation Focus in Optical Surgical Navigation. Journal of Medical Systems, 2016, 40, 19.	2.2	6
24	A robotic puncture system with optical and mechanical feedback under respiratory motion. International Journal of Medical Robotics and Computer Assisted Surgery, 2022, 18, e2403.	1.2	5
25	Interactive 3D medical data cutting using closed curve with arbitrary shape. Computerized Medical Imaging and Graphics, 2015, 40, 120-127.	3.5	4
26	Nonrigid registration with corresponding points constraint for automatic segmentation of cardiac DSCT images. BioMedical Engineering OnLine, 2017, 16, 39.	1.3	4
27	Dynamic updating atlas for heart segmentation with a nonlinear field-based model. International Journal of Medical Robotics and Computer Assisted Surgery, 2017, 13, e1785.	1.2	4
28	Therapeutic targets for the anemia of predialysis chronic kidney disease: a meta-analysis of randomized, controlled trials. Journal of Investigative Medicine, 2019, 67, 1002-1008.	0.7	4
29	An Automatic Calibration Method for Near-infrared Camera in Optical Surgical Navigation. Telkomnika (Telecommunication Computing Electronics and Control), 2015, 13, 1289.	0.6	4
30	Simulation of multi-probe radiofrequency ablation guided by optical surgery navigation system under different active modes. Computer Assisted Surgery, 2016, 21, 107-116.	0.6	3
31	Automatic 3D Registration of CT-MR Head and Neck Images With Surface Matching. IEEE Access, 2019, 7, 78274-78280.	2.6	3
32	Automatic registration method using EM sensors in the IoT operating room. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	1.5	2
33	Nonrigid Registration Regularized by Shape Information: Application to Atlas Construction of Cardiac CT Images. PLoS ONE, 2015, 10, e0130730.	1.1	1
34	Optimization Model for the Distribution of Fiducial Markers in Liver Intervention. Journal of Medical Systems, 2020, 44, 83.	2.2	1
35	An infrared texture mapping approach based on binocular structured light system. , 2009, , .		0
36	Prototype of a Morphological Positioning Robot for Radiology. IEEE Access, 2020, 8, 11447-11455.	2.6	0

#	ARTICLE	IF	CITATIONS
37	Fast Calibration with OTS for AR-based Surgical Navigation. , 2021, , .		0