

# Fan Liang

## List of Publications by Year in descending order

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19  
papers

96  
citations

1684188  
5  
h-index

1372567  
10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordinated control of a 3DOF cartesian robot and a shape memory alloy-actuated flexible needle for surgical interventions: a non-model-based control method. <i>Robotica</i> , 2022, 40, 1695-1712.	1.9	1
2	Improving Bone Mineral Density Assessment Using Spectral Detector CT. <i>Journal of Clinical Densitometry</i> , 2019, 22, 374-381.	1.2	8
3	Abdominal, multi-organ, auto-contouring method for online adaptive magnetic resonance guided radiotherapy: An intelligent, multi-level fusion approach. <i>Artificial Intelligence in Medicine</i> , 2018, 90, 34-41.	6.5	47
4	Beating Heart Motion Accurate Prediction Method Based on Interactive Multiple Model: An Information Fusion Approach. <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	2
5	Veins feature extraction for LED plant growth cabinet. , 2016, , .		1
6	Petiole Segmentation Method Based on Multi-Structure Elements Morphology. <i>Applied Mechanics and Materials</i> , 2015, 734, 581-585.	0.2	2
7	Design of Intelligent Measure and Control Software of Plant Growth Cabinet Based on Android System. <i>Applied Mechanics and Materials</i> , 2015, 734, 224-228.	0.2	2
8	The Mixing Algorithm of ACO and GA Based Global Path Planning Method for Mobile Robot. <i>Applied Mechanics and Materials</i> , 2014, 494-495, 1290-1293.	0.2	2
9	An LED Green Light for New Plant Growth Cabinet Precise Temperature Control System. <i>Applied Mechanics and Materials</i> , 2014, 577, 325-328.	0.2	0
10	Design of Hardware of Smart Plant Growth Cabinet. <i>Applied Mechanics and Materials</i> , 2014, 577, 624-627.	0.2	4
11	Simulated Annealing Algorithm Based Single Robot Odor Source Localization Strategy. <i>Applied Mechanics and Materials</i> , 2014, 494-495, 1286-1289.	0.2	0
12	Heart Motion Uncertainty Compensation Prediction Method for Robot Assisted Beating Heart Surgery â€œ Masterâ€œslave Kalman Filters Approach. <i>Journal of Medical Systems</i> , 2014, 38, 52.	3.6	5
13	Multivariate vector autoregressive prognosis-based model following control method for robot-assisted beating heart surgery. <i>Advanced Robotics</i> , 2013, 27, 1259-1271.	1.8	2
14	Multivariate Autoregressive Model Based Heart Motion Prediction Approach for Beating Heart Surgery. <i>International Journal of Advanced Robotic Systems</i> , 2013, 10, 129.	2.1	4
15	A Quadratic Nonlinear Prediction-Based Heart Motion Model following Control Algorithm in Robotic-Assisted Beating Heart Surgery. <i>International Journal of Advanced Robotic Systems</i> , 2013, 10, 13.	2.1	7
16	Heart Motion Prediction in Robotic-Assisted Beating Heart Surgery: A Nonlinear Fast Adaptive Approach. <i>International Journal of Advanced Robotic Systems</i> , 2013, 10, 82.	2.1	8
17	Method for Non-Destructive Measurement of Leaf Area Based on Binocular Vision. <i>Applied Mechanics and Materials</i> , 0, 577, 664-667.	0.2	1
18	System Identification of Beating Heart Medical Surgery Assisted Robot. <i>Applied Mechanics and Materials</i> , 0, 577, 1262-1265.	0.2	0

#	ARTICLE	IF	CITATIONS
19	The Mixed Kalman and H Infinity Filter Based Robust Model Following Control Algorithm for CABG Beating Heart Surgery. Applied Mechanics and Materials, 0, 543-547, 1360-1364.	0.2	0