Elmar Mair

List of Publications by Year
in descending order

8 papers	799 citations	1684188 5 h-index
		1872680 6 g-index
8 all docs	8 docs citations	8 times ranked
		925 citing authors

#	Article	IF	Citations
1	Towards efficient and scalable visual homing. International Journal of Robotics Research, 2018, 37, 225-248.	8.5	6
2	Three-dimensional models of natural environments and the mapping of navigational information. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2015, 201, 563-584.	1.6	46
3	A biologically inspired navigation concept based on the Landmark-Tree map for efficient long-distance robot navigation. Advanced Robotics, 2014, 28, 289-302.	1.8	12
4	Trail-Map: A scalable landmark data structure for biologically inspired range-free navigation. , 2014, , .		4
5	Autonomous Visionâ€based Micro Air Vehicle for Indoor and Outdoor Navigation. Journal of Field Robotics, 2014, 31, 537-570.	6.0	94
6	Ground-Nesting Insects Could Use Visual Tracking for Monitoring Nest Position during Learning Flights. Lecture Notes in Computer Science, 2014, , 108-120.	1.3	5
7	Efficient navigation based on the Landmark-Tree map and the Z<inf>∞</inf> algorithm using an omnidirectional camera. , 2013, , .		5
8	Toward a Fully Autonomous UAV: Research Platform for Indoor and Outdoor Urban Search and Rescue. IEEE Robotics and Automation Magazine, 2012, 19, 46-56.	2.0	627