

# Vladimír Kubelka

## List of Publications by Year in descending order

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12  
papers

276  
citations

1684188

5  
h-index

2053705

5  
g-index

12  
all docs

12  
docs citations

12  
times ranked

330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the EKF-Based Estimation Architectures for Data Fusion in Mobile Robots. IEEE/ASME Transactions on Mechatronics, 2015, 20, 985-990.	5.8	91
2	Robust Data Fusion of Multimodal Sensory Information for Mobile Robots. Journal of Field Robotics, 2015, 32, 447-473.	6.0	50
3	Complementary filtering approach to orientation estimation using inertial sensors only. , 2012, , .		39
4	Terrain adaptive odometry for mobile skid-steer robots. , 2013, , .		23
5	Improving multi-modal data fusion by anomaly detection. Autonomous Robots, 2015, 39, 139-154.	4.8	22
6	Tracked Robot Odometry for Obstacle Traversal in Sensory Deprived Environment. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2745-2755.	5.8	16
7	WiFi localization in 3D. , 2016, , .		9
8	Evaluation of Skid-Steering Kinematic Models for Subarctic Environments. , 2020, , .		9
9	Radio propagation models for differential GNSS based on dense point clouds. Journal of Field Robotics, 2020, 37, 1347-1362.	6.0	5
10	Kilometer-scale autonomous navigation in subarctic forests: challenges and lessons learned. , 2022, 2, 1628-1660.		5
11	Accurate outdoor ground truth based on total stations. , 2021, , .		4
12	Lidar Scan Registration Robust to Extreme Motions. , 2021, , .		3