

# Shichao Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1267308/publications.pdf>

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563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monocular Object and Plane SLAM in Structured Environments. IEEE Robotics and Automation Letters, 2019, 4, 3145-3152.	5.1	62
2	CubeSLAM: Monocular 3-D Object SLAM. IEEE Transactions on Robotics, 2019, 35, 925-938.	10.3	257
3	Improving Learning-based Ego-motion Estimation with Homomorphism-based Losses and Drift Correction. , 2019, , .		9
4	Direct monocular odometry using points and lines. , 2017, , .		43
5	Robust Autonomous Flight in Constrained and Visually Degraded Shipboard Environments. Journal of Field Robotics, 2017, 34, 25-52.	6.0	43
6	Semantic 3D occupancy mapping through efficient high order CRFs. , 2017, , .		56
7	Pop-up SLAM: Semantic monocular plane SLAM for low-texture environments. , 2016, , .		89
8	Real-time 3D scene layout from a single image using Convolutional Neural Networks. , 2016, , .		13