

Valentin Peretroukhin

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

205
citations

1684188

5
h-index

1872680

6
g-index

11
all docs

11
docs citations

11
times ranked

200
citing authors

#	ARTICLE	IF	CITATIONS
1	Convex Iteration for Distance-Geometric Inverse Kinematics. IEEE Robotics and Automation Letters, 2022, 7, 1952-1959.	5.1	8
2	On the Coupling of Depth and Egomotion Networks for Self-Supervised Structure from Motion. IEEE Robotics and Automation Letters, 2022, 7, 6766-6773.	5.1	7
3	Toward Robust and Efficient Online Adaptation for Deep Stereo Depth Estimation. , 2021, , .		1
4	Robust Data-Driven Zero-Velocity Detection for Foot-Mounted Inertial Navigation. IEEE Sensors Journal, 2020, 20, 957-967.	4.7	51
5	Self-Supervised Deep Pose Corrections for Robust Visual Odometry. , 2020, , .		11
6	Certiably Globally Optimal Extrinsic Calibration From Per-Sensor Egomotion. IEEE Robotics and Automation Letters, 2019, 4, 367-374.	5.1	18
7	Inferring sun direction to improve visual odometry: A deep learning approach. International Journal of Robotics Research, 2018, 37, 996-1016.	8.5	5
8	DPC-Net: Deep Pose Correction for Visual Localization. IEEE Robotics and Automation Letters, 2018, 3, 2424-2431.	5.1	31
9	Reducing drift in visual odometry by inferring sun direction using a Bayesian Convolutional Neural Network. , 2017, , .		16
10	Improving foot-mounted inertial navigation through real-time motion classification. , 2017, , .		44
11	PROBE-GK: Predictive robust estimation using generalized kernels. , 2016, , .		13