

# Ahmad B Rad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6452320/publications.pdf>

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15  
papers

363  
citations

1307594

7  
h-index

1474206

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g-index

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all docs

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docs citations

15  
times ranked

392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topologies and Control Schemes of Bidirectional DC-DC Power Converters: An Overview. IEEE Access, 2019, 7, 117997-118019.	4.2	193
2	An Intelligent Longitudinal Controller for Application in Semiautonomous Vehicles. IEEE Transactions on Industrial Electronics, 2010, 57, 1487-1497.	7.9	55
3	SLAM in Dynamic Environments: A Deep Learning Approach for Moving Object Tracking Using ML-RANSAC Algorithm. Sensors, 2019, 19, 3699.	3.8	32
4	$L_1$ Adaptive Control of Vehicle Lateral Dynamics. IEEE Transactions on Intelligent Vehicles, 2018, 3, 92-101.	12.7	18
5	A Robust Regression Model for Simultaneous Localization and Mapping in Autonomous Mobile Robot. Journal of Intelligent and Robotic Systems: Theory and Applications, 2008, 53, 183-202.	3.4	17
6	Autonomous humanoid robot navigation using augmented reality technique. , 2011, , .		10
7	Multi-model direct generalised predictive control for automatic train operation system. IET Intelligent Transport Systems, 2015, 9, 86-94.	3.0	8
8	A Brain-Inspired Multi-Modal Perceptual System for Social Robots: An Experimental Realization. IEEE Access, 2018, 6, 35402-35424.	4.2	8
9	End-Point Contact Force Control with Quantitative Feedback Theory for Mobile Robots. International Journal of Advanced Robotic Systems, 2012, 9, 236.	2.1	7
10	Fuzzy Q-learning obstacle avoidance algorithm of humanoid robot in unknown environment. , 2018, , .		6
11	A novel mapping strategy based on neocortex model: Pre-liminary results by hierarchical temporal memory. , 2012, , .		5
12	An overriding controller for vehicle lateral control system. , 2011, , .		3
13	Sensor Fusion for SLAM Based on Information Theory. Journal of Intelligent and Robotic Systems: Theory and Applications, 2010, 59, 241-267.	3.4	1
14	An Entropy Optimization Strategy for Simultaneous Localization and Mapping. Journal of Intelligent and Robotic Systems: Theory and Applications, 2010, 60, 435-455.	3.4	0
15	Weighted Multimodel Predictive Function Control for Automatic Train Operation System. Journal of Applied Mathematics, 2014, 2014, 1-8.	0.9	0