

# Jiawei Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6627698/publications.pdf>

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12  
papers

389  
citations

1163117

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1474206

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all docs

12  
docs citations

12  
times ranked

123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leading Cruise Control in Mixed Traffic Flow: System Modeling, Controllability, and String Stability. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12861-12876.	8.0	31
2	Formation control with lane preference for connected and automated vehicles in multi-lane scenarios. Transportation Research Part C: Emerging Technologies, 2022, 136, 103513.	7.6	16
3	Cooperative Formation of Autonomous Vehicles in Mixed Traffic Flow: Beyond Platooning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15951-15966.	8.0	27
4	Multi-Lane Unsignalized Intersection Cooperation With Flexible Lane Direction Based on Multi-Vehicle Formation Control. IEEE Transactions on Vehicular Technology, 2022, 71, 5787-5798.	6.3	19
5	Conflict-Free Cooperation Method for Connected and Automated Vehicles at Unsignalized Intersections: Graph-Based Modeling and Optimality Analysis. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21897-21914.	8.0	14
6	Controllability Analysis and Optimal Control of Mixed Traffic Flow With Human-Driven and Autonomous Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7445-7459.	8.0	65
7	Mixed platoon control of automated and human-driven vehicles at a signalized intersection: Dynamical analysis and optimal control. Transportation Research Part C: Emerging Technologies, 2021, 127, 103138.	7.6	93
8	Formation Control for Multiple Connected and Automated Vehicles on Multi-lane Roads. , 2021, , .		5
9	A Graph-based Conflict-free Cooperation Method for Intelligent Electric Vehicles at Unsignalized Intersections. , 2021, , .		9
10	Smoothing Traffic Flow via Control of Autonomous Vehicles. IEEE Internet of Things Journal, 2020, 7, 3882-3896.	8.7	98
11	Optimal Formation of Autonomous Vehicles in Mixed Traffic Flow. IFAC-PapersOnLine, 2020, 53, 15204-15210.	0.9	4
12	Controllability Analysis and Optimal Controller Synthesis of Mixed Traffic Systems. , 2019, , .		8