

# Kai Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6331866/publications.pdf>

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6  
papers

260  
citations

1937685

4  
h-index

2272923

4  
g-index

6  
all docs

6  
docs citations

6  
times ranked

303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Modeling and Control of High-Speed Automated Vehicles for Lane Change Maneuver. IEEE Transactions on Intelligent Vehicles, 2018, 3, 329-339.	12.7	93
2	Hybrid Trajectory Planning for Autonomous Driving in Highly Constrained Environments. IEEE Access, 2018, 6, 32800-32819.	4.2	84
3	Model Predictive Stabilization Control of High-Speed Autonomous Ground Vehicles Considering the Effect of Road Topography. Applied Sciences (Switzerland), 2018, 8, 822.	2.5	30
4	Toward a More Complete, Flexible, and Safer Speed Planning for Autonomous Driving via Convex Optimization. Sensors, 2018, 18, 2185.	3.8	27
5	A model predictive-based approach for longitudinal control in autonomous driving with lateral interruptions. , 2017, , .		17
6	Speed Planning for Autonomous Driving via Convex Optimization. , 2018, , .		9