

# M Ilhan Akbas

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

434  
citations

1039880

9  
h-index

1125617

13  
g-index

43  
all docs

43  
docs citations

43  
times ranked

274  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facial Surface Anthropometric Features and Measurements With an Emphasis on Rhinoplasty. <i>Aesthetic Surgery Journal</i> , 2022, 42, 133-148.	0.9	13
2	Validation of decision-making in artificial intelligence-based autonomous vehicles. <i>Journal of Information and Telecommunication</i> , 2021, 5, 83-103.	2.2	6
3	Autonomous Vehicles Scenario Testing Framework and Model of Computation: On Generation and Coverage. <i>IEEE Access</i> , 2021, 9, 60617-60628.	2.6	6
4	A Platform-Based Incentive Mechanism for Autonomous Vehicle Crowdsensing. <i>IEEE Open Journal of Intelligent Transportation Systems</i> , 2021, 2, 13-23.	2.6	12
5	Aiding Rhinoplasty Surgeons with 3D Imaging and a Rule-Based Adjustment Algorithm. , 2021, , .		1
6	Evaluating the agreement and reliability of a web-based facial analysis tool for rhinoplasty. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021, 16, 1381-1391.	1.7	9
7	Air Corridors: Concept, Design, Simulation, and Rules of Engagement. <i>Sensors</i> , 2021, 21, 7536.	2.1	6
8	Digitizing rhinoplasty: a web application with three-dimensional preoperative evaluation to assist rhinoplasty surgeons with surgical planning. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 1941-1950.	1.7	12
9	Generation of Autonomous Vehicle Validation Scenarios Using Crash Data. , 2020, , .		7
10	Scenario Generation for Validating Artificial Intelligence Based Autonomous Vehicles. <i>Lecture Notes in Computer Science</i> , 2020, , 481-492.	1.0	2
11	Incentive Mechanism for Vehicular Crowdsensing with Budget Constrains. , 2020, , .		1
12	Street Network Generation with Adjustable Complexity Using k-Means Clustering. , 2019, , .		3
13	Requirements for the Next-Generation Autonomous Vehicle Ecosystem. , 2019, , .		3
14	Abstract Simulation Scenario Generation for Autonomous Vehicle Verification. , 2019, , .		14
15	FPolyOS: A Simulation Platform to Explore Breakthrough Concepts in Intelligent Transportation. , 2019, , .		2
16	Spectrum Analytic Approach for Cooperative Navigation of Connected and Autonomous Vehicles. , 2019, , .		2
17	Future stress, forecasting physiological signals. , 2017, , .		4
18	Spatially Adaptive Positioning for Molecular Geometry Inspired Aerial Networks. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Towards a Comprehensive Simulator for Public Speaking Anxiety Treatment. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 195-205.	0.5	3
20	VBCA: A virtual forces clustering algorithm for autonomous aerial drone systems. , 2016, , .		22
21	Molecular geometry inspired positioning for aerial networks. <i>Computer Networks</i> , 2016, 98, 72-88.	3.2	12
22	Role of entrepreneurial support for networking in innovation ecosystems: An agent based approach. , 2015, , .		1
23	A Mobility Model of Theme Park Visitors. <i>IEEE Transactions on Mobile Computing</i> , 2015, 14, 2406-2418.	3.9	27
24	Localization for Wireless Sensor and Actor Networks with Meandering Mobility. <i>IEEE Transactions on Computers</i> , 2015, 64, 1015-1028.	2.4	20
25	A preferential attachment model for primate social networks. <i>Computer Networks</i> , 2015, 76, 207-226.	3.2	9
26	Reliable positioning with hybrid antenna model for aerial wireless sensor and actor networks. , 2014, , .		9
27	Multi-hop localization system for environmental monitoring in wireless sensor and actor networks. <i>Concurrency Computation Practice and Experience</i> , 2013, 25, 701-717.	1.4	12
28	Lightweight routing with dynamic interests in wireless sensor and actor networks. <i>Ad Hoc Networks</i> , 2013, 11, 2313-2328.	3.4	15
29	EE-MAC: Energy efficient sensor MAC layer protocol. , 2013, , .		3
30	Social network generation and friend ranking based on mobile phone data. , 2013, , .		18
31	EpidemicSim: Epidemic simulation system with realistic mobility. , 2012, , .		5
32	Actor positioning based on molecular geometry in aerial sensor networks. , 2012, , .		9
33	Modeling visitor movement in theme parks. , 2012, , .		10
34	APAWSAN: Actor positioning for aerial wireless sensor and actor networks. , 2011, , .		59
35	SOFROP: Self-organizing and fair routing protocol for wireless networks with mobile sensors and stationary actors. <i>Computer Communications</i> , 2011, 34, 2135-2146.	3.1	8
36	Deployment and mobility for animal social life monitoring based on preferential attachment. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
37	fAPEbook - Animal Social Life Monitoring with Wireless Sensor and Actor Networks. , 2011, , .		3
38	Lightweight Routing with QoS Support in Wireless Sensor and Actor Networks. , 2010, , .		5
39	SOFROP: Self-organizing and fair routing protocol for wireless networks with mobile sensors and stationary actors. , 2010, , .		1
40	Local positioning for environmental monitoring in wireless sensor and actor networks. , 2010, , .		58
41	Autonomous Vehicles Scenario Testing Framework and Model of Computation. SAE International Journal of Connected and Automated Vehicles, 0, 2, 205-218.	0.4	14