

# Harun Å iljak

## List of Publications by Year in descending order

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29  
papers

202  
citations

1307594

7  
h-index

1058476

14  
g-index

29  
all docs

29  
docs citations

29  
times ranked

161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Internet—Applications, Functionalities, Enabling Technologies, Challenges, and Research Directions. IEEE Communications Surveys and Tutorials, 2021, 23, 2218-2247.	39.4	41
2	Reversible Hardware for Acoustic Communications. IEEE Communications Magazine, 2020, 58, 55-61.	6.1	27
3	Error Reconciliation in Quantum Key Distribution Protocols. Lecture Notes in Computer Science, 2020, , 222-236.	1.3	26
4	Neurosciences and Wireless Networks: The Potential of Brain-Type Communications and Their Applications. IEEE Communications Surveys and Tutorials, 2021, 23, 1599-1621.	39.4	23
5	Distributed Antenna Selection for Massive MIMO Using Reversing Petri Nets. IEEE Wireless Communications Letters, 2019, 8, 1427-1430.	5.0	14
6	Criteria for Solar Car Optimized Route Estimation. Microprocessors and Microsystems, 2017, 51, 289-296.	2.8	12
7	Two Open Solutions for Industrial Robot Control: The Case of PUMA 560. Electronics (Switzerland), 2020, 9, 972.	3.1	9
8	Controlling Reversibility in Reversing Petri Nets with Application to Wireless Communications. Lecture Notes in Computer Science, 2019, , 238-245.	1.3	8
9	Cyborg Insects: Bug or a Feature?. IEEE Access, 2022, 10, 49398-49411.	4.2	8
10	Distributing Complexity: A New Approach to Antenna Selection for Distributed Massive MIMO. IEEE Wireless Communications Letters, 2018, 7, 902-905.	5.0	6
11	Software and Reversible Systems: A Survey of Recent Activities. Lecture Notes in Computer Science, 2020, , 41-59.	1.3	6
12	Berthil cepstrum: a novel vibration analysis method based on marginal Hilbert spectrum applied to artificial motor aging. Electrical Engineering, 2018, 100, 1039-1046.	2.0	4
13	A novel algorithm for following of moving target in outdoor mobile robot environment based on inverse matching. , 2012, , .		3
14	Sensor fusion for Solar Car Route Optimization. , 2016, , .		3
15	What™s in the Box: Design of an Open Didactic Robot Environment. Electronics (Switzerland), 2020, 9, 2090.	3.1	3
16	Practical implementation of solar car optimized route estimation. , 2016, , .		2
17	Implementing a Quantum Coin Scheme. , 2020, , .		2
18	Reversibility in Space, Time, and Computation: The Case of Underwater Acoustic Communications. Lecture Notes in Computer Science, 2018, , 346-352.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Weak limits and their calculation in analog signal theory. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2013, 32, 1009-1029.	0.9	1
20	Hardware implementation of auto-mutual information function for condition monitoring. Computers and Electrical Engineering, 2018, 66, 30-39.	4.8	1
21	Putting the SC in SCORE: Solar Car Optimized Route Estimation and Smart Cities. , 2020, , 75-86.		1
22	Novel matrix-based improvement of nodal analysis for circuits with singularities. , 2013, , .		0
23	Normed Trek. Mathematical Intelligencer, 2014, 36, 53-55.	0.2	0
24	Artificial Colloquist: Treating Social Anxiety Disorder Using Altera FPGA. IFAC-PapersOnLine, 2018, 51, 336-341.	0.9	0
25	Soviet Street Mathematics: Landau's License Plate Game. Mathematical Intelligencer, 2018, 40, 64-66.	0.2	0
26	INVERSE MATCHING-BASED MOBILE ROBOT FOLLOWING ALGORITHM USING FUZZY LOGIC. International Journal of Robotics and Automation, 2014, 29, .	0.1	0
27	Reversible Computation in Wireless Communications. Lecture Notes in Computer Science, 2020, , 208-221.	1.3	0
28	Rigorous Interpretation of Engineering Formulae for the Convolution and the Fourier Transform Based on the Generalized Integral. IEEE Access, 2022, 10, 29451-29460.	4.2	0
29	Networks of Twin Peaks: The Dale Cooper Effect. Mathematical Intelligencer, 0, , .	0.2	0