

# Tae-Eung Sung

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23  
papers

80  
citations

6  
h-index

7  
g-index

31  
ext. papers

103  
ext. citations

2.7  
avg, IF

2.79  
L-index

#	Paper	IF	Citations
23	A Novel Approach on Deep LearningBased Decision Support System Applying Multiple Output LSTM-Autoencoder: Focusing on Identifying Variations by PHSMsEffect over COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19, 6763	4.6	0
22	A Study on Intelligent Technology Valuation System: Introduction of KIBO Patent Appraisal System II. <i>Sustainability</i> , <b>2021</b> , 13, 12666	3.6	2
21	A Robust QR and Computer Vision-Based Sensorless Steering Angle Control, Localization, and Motion Planning of Self-Driving Vehicles. <i>IEEE Access</i> , <b>2021</b> , 9, 151766-151774	3.5	
20	Estimation and Interpretation of Machine Learning Models with Customized Surrogate Model. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 3045	2.6	1
19	An NS-3 Implementation and Experimental Performance Analysis of IEEE 802.15.6 Standard under Different Deployment Scenarios. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	7
18	Adaptive Real-Time Routing Protocol for (,) -Firm in Industrial Wireless Multimedia Sensor Networks. <i>Sensors</i> , <b>2020</b> , 20,	3.8	2
17	Pattern Detection Model Using a Deep Learning Algorithm for Power Data Analysis in Abnormal Conditions. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 1140	2.6	3
16	Hybrid Deep Learning Algorithm with Open Innovation Perspective: A Prediction Model of Asthmatic Occurrence. <i>Sustainability</i> , <b>2020</b> , 12, 6143	3.6	2
15	The adequacy of volatility for the elaboration of technology valuation based on real options. <i>Technology Analysis and Strategic Management</i> , <b>2019</b> , 31, 1-24	3.2	6
14	Developing an Improved Risk-Adjusted Net Present Value Technology Valuation Model for the Biopharmaceutical Industry. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , <b>2019</b> , 5, 45	3.7	6
13	Object Tracking Based on (m,k)-firm Model in Multimedia Wireless Sensor Networks. <i>Proceedings (mdpi)</i> , <b>2019</b> , 15, 46	0.3	1
12	Factors Affecting Pricing in Patent Licensing Contracts in the Biopharmaceutical Industry. <i>Sustainability</i> , <b>2018</b> , 10, 3143	3.6	8
11	Evaluating Determinant Priority of License Fee in Biotech Industry. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , <b>2018</b> , 4, 30	3.7	10
10	A Study on Web-based Technology Valuation System. <i>Journal of Intelligence and Information Systems</i> , <b>2017</b> , 23, 23-46		2
9	Models of Database Assets Valuation and their Life-cycle Determination. <i>The Journal of the Korea Contents Association</i> , <b>2016</b> , 16, 676-693		1
8	Modeling and routing scheme for (m,k)-firm streams in wireless multimedia sensor networks. <i>Wireless Communications and Mobile Computing</i> , <b>2015</b> , 15, 475-483	1.9	8
7	Evaluating revised MintRoute protocol in wireless sensor networks. <i>Wireless Communications and Mobile Computing</i> , <b>2015</b> , 15, 431-441	1.9	0

6	Spatial cooperative diversity and asynchronous spectrum sensing for cognitive radio networks <b>2011</b>		2
5	Optimal Power Control and Relay Capacity for PLC-Embedded Cooperative Systems <b>2010</b> ,		2
4	Cooperative spectrum sensing for cognitive radio with multiple secondary users <b>2010</b> ,		4
3	Network Layer Approaches for (m, k)-Firm Stream in Wireless Sensor Networks. <i>IEICE Transactions on Communications</i> , <b>2010</b> , E93-B, 3165-3168	0.5	4
2	Load Balancing for Greedy Forwarding of Geographic Routing in Wireless Networks. <i>IEICE Transactions on Communications</i> , <b>2010</b> , E93-B, 2184-2187	0.5	1
1	Time-varying power line block transmission models over doubly selective channels <b>2008</b> ,		3