

# Pekka Toivanen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12202962/publications.pdf>

Version: 2024-02-01

28  
papers

240  
citations

1684188

5  
h-index

1474206

9  
g-index

29  
all docs

29  
docs citations

29  
times ranked

215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two practical man-in-the-middle attacks on Bluetooth secure simple pairing and countermeasures. IEEE Transactions on Wireless Communications, 2010, 9, 384-392.	9.2	63
2	An ANN-based model for learning individual customer behavior in response to electricity prices. Sustainable Energy, Grids and Networks, 2019, 18, 100212.	3.9	37
3	Shortest routes on varying height surfaces using gray-level distance transforms. Image and Vision Computing, 2005, 23, 133-141.	4.5	35
4	Distance and nearest neighbor transforms on gray-level surfaces. Pattern Recognition Letters, 2007, 28, 604-612.	4.2	28
5	Practical Man-in-the-Middle Attacks Against Bluetooth Secure Simple Pairing. , 2008, , .		18
6	Computer-aided breast cancer histopathological diagnosis: Comparative analysis of three DTOCS-based features: SW-DTOCS, SW-WDTOCS and SW-3-4-DTOCS. , 2014, , .		7
7	Designing and Simulating a Sensor Network of a Virtual Intelligent Home Using TOSSIM Simulator. , 2009, , .		6
8	Designing and implementing an intelligent Bluetooth-enabled robot car. , 2009, , .		6
9	Lossless Compression of Ultraspectral Sounder Data Using Linear Prediction With Constant Coefficients. IEEE Geoscience and Remote Sensing Letters, 2009, 6, 495-498.	3.1	6
10	The effect of interference in the operation of ZigBee and Bluetooth robot cars. , 2008, , .		4
11	New Efficient RF Fingerprint-Based Security Solution for Bluetooth Secure Simple Pairing. , 2010, , .		4
12	Designing and implementing an intelligent Zigbee and WLAN enabled robot car. , 2008, , .		3
13	Designing and implementing an intelligent X-10-enabled home: Studies in home intelligence. , 2008, , .		3
14	Optimal granule ordering for lossless compression of ultraspectral sounder data. , 2008, , .		3
15	Distance and Nearest Neighbor Transforms of Gray-Level Surfaces Using Priority Pixel Queue Algorithm. Lecture Notes in Computer Science, 2005, , 308-315.	1.3	3
16	Shortest Route on Gray-Level Map Using Distance Transform on Curved Space. Lecture Notes in Computer Science, 2003, , 305-310.	1.3	3
17	Designing and Implementing an Embedded Linux for Limited Resource Devices. , 2009, , .		2
18	Shortest Route on Height Map Using Gray-Level Distance Transforms. Lecture Notes in Computer Science, 2003, , 308-316.	1.3	1

#	ARTICLE	IF	CITATIONS
19	On Surface Topography Reconstruction from Gradient Fields. , 2007, , .		1
20	Collecting Visual Analogue Scales and health assessment of patients with Rheumatoid Arthritis and Ankylosing Spondylitis using an USB controller. , 2008, , .		1
21	Challenges in Computational Histopathology: The Feasibility of FTIR Spectroscopy in Clustering. , 2009, , .		1
22	Optimal price-based control of heterogeneous thermostatically controlled loads under uncertainty using LSTM networks and genetic algorithms. F1000Research, 0, 8, 1619.	1.6	1
23	The choice of resolution level in lossy wavelet compression of color images. , 2008, , .		0
24	Visual data flow languages with action systems. , 2009, , .		0
25	Comparative efficiency analysis of LPR and Raw TCP/IP printing protocols. , 2009, , .		0
26	Texture analysis of tissue samples using DTOCS and approximated path DTOCS. , 2009, , .		0
27	Texture analysis of tissue samples using APDTOCS with color components. , 2009, , .		0
28	Designing and Implementing a Novel VoIP-Application for Symbian Based Devices. , 2009, , .		0