

# Stevan Stankovski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4459881/publications.pdf>

Version: 2024-02-01

51  
papers

595  
citations

759055

12  
h-index

713332

21  
g-index

52  
all docs

52  
docs citations

52  
times ranked

496  
citing authors

#	ARTICLE	IF	CITATIONS
1	A readability analysis for QR code application in a traceability system. Computers and Electronics in Agriculture, 2014, 109, 1-11.	3.7	93
2	Wireless Sensor Network in Agriculture: Model of Cyber Security. Sensors, 2020, 20, 6747.	2.1	30
3	Intelligent Dynamic Quality Prediction of Chilled Chicken with Integrated IoT Flexible Sensing and Knowledge Rules Extraction. Foods, 2022, 11, 836.	1.9	30
4	Remote control of laboratory equipment for basic electronics courses: A LabVIEW-based implementation. Computer Applications in Engineering Education, 2013, 21, E110.	2.2	29
5	Method of evaluating the impact of ERP implementation critical success factors – a case study in oil and gas industries. Enterprise Information Systems, 2014, 8, 84-106.	3.3	26
6	Nutritional Quality and Safety Traceability System for China's Leafy Vegetable Supply Chain Based on Fault Tree Analysis and QR Code. IEEE Access, 2020, 8, 161261-161275.	2.6	26
7	Smart Intravenous Infusion Dosing System. Applied Sciences (Switzerland), 2021, 11, 513.	1.3	22
8	Dairy cow monitoring by RFID. Scientia Agricola, 2012, 69, 75-80.	0.6	21
9	RFID technology in product/part tracking during the whole life cycle. Assembly Automation, 2009, 29, 364-370.	1.0	18
10	Using a Didactic Manipulator in Mechatronics and Industrial Engineering Courses. IEEE Transactions on Education, 2010, 53, 572-579.	2.0	18
11	Experiences in developing labs for a supervisory control and data acquisition course for undergraduate Mechatronics education. Computer Applications in Engineering Education, 2015, 23, 54-62.	2.2	18
12	Machining fixture assembly/disassembly in RFID environment. Assembly Automation, 2011, 31, 62-68.	1.0	16
13	Heating circulation pump disassembly process improved with augmented reality. Thermal Science, 2016, 20, 611-622.	0.5	15
14	Mechatronics, Identification Tehnology, Industry 4.0 and Education. , 2019, , .		14
15	Energy-Efficient Asynchronous QoS MAC Protocol for Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2020, 2020, 1-13.	0.8	14
16	Precise measurements and control of the position of the rolling shutter and rolling film in a solar greenhouse. Journal of Cleaner Production, 2019, 228, 645-657.	4.6	13
17	Aggregation framework for TSK fuzzy and association rules: interpretability improvement on a traffic accidents case. Applied Intelligence, 2019, 49, 3909-3922.	3.3	13
18	Implementation of RFID Technology in Parking Lot Access Control System. , 2007, , .		12

#	ARTICLE	IF	CITATIONS
19	WebGIS-based suitability evaluation system for Chinese table grape production. Computers and Electronics in Agriculture, 2019, 165, 104945.	3.7	12
20	The Impact of Edge Computing on Industrial Automation. , 2020, , .		12
21	Implementation of Automatic Identification Technology in a Process of Fixture Assembly/Disassembly. Strojniski Vestnik/Journal of Mechanical Engineering, 2011, 57, 819-825.	0.6	10
22	Model driven development of hybrid databases using lightweight metamodel extensions. Enterprise Information Systems, 2018, 12, 1221-1238.	3.3	10
23	LCA/LCC Model for Evaluation of Pump Units in Water Distribution Systems. Symmetry, 2019, 11, 1181.	1.1	10
24	Food Product Traceability by Using Automated Identification Technologies. IFIP Advances in Information and Communication Technology, 2013, , 155-163.	0.5	10
25	Development of hydro potential in Republic Srpska. Renewable and Sustainable Energy Reviews, 2013, 28, 196-203.	8.2	8
26	Using micro/mini PLC/PAC in the Edge Computing Architecture. , 2020, , .		8
27	A Cotton Disease Diagnosis Method Using a Combined Algorithm of Case-Based Reasoning and Fuzzy Logic. Computer Journal, 2021, 64, 155-168.	1.5	8
28	Challenges of IoT Payments in Smart Services. Annals of DAAAM & Proceedings, 2019, , 0004-0009.	0.1	7
29	Mechatronic education at the Faculty of Technical Sciences Novi Sad. Tehnicki Vjesnik, 2015, 22, 805-812.	0.3	6
30	A three-dimensional threshold algorithm based on histogram reconstruction and dimensionality reduction for registering cucumber powdery mildew. Computers and Electronics in Agriculture, 2019, 158, 211-218.	3.7	6
31	Water environmental nexus-based quality and safety risk assessment for fish ( <i>Carassius auratus</i> ) in aquaculture. Journal of Cleaner Production, 2021, 288, 125633.	4.6	6
32	Augmented reality support for self-service automated systems. Journal of Graphic Engineering and Design, 2020, 11, 63-68.	0.7	6
33	Improving Intelligence and Efficiency of Salt Lake Production by Applying a Decision Support System Based on IOT for Brine Pump Management. Electronics (Switzerland), 2018, 7, 147.	1.8	5
34	Extending Legacy Industrial Machines by a Low-Cost Easy-to-Use IoT Module for Data Acquisition. Symmetry, 2020, 12, 1486.	1.1	5
35	Trustworthy Wireless Sensor Networks for Monitoring Humidity and Moisture Environments. Sensors, 2021, 21, 3636.	2.1	5
36	Development of a new controller with FPGA for PUMA 560 robot. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 161-166.	0.4	4

#	ARTICLE	IF	CITATIONS
37	Universal block for simple design of FPGA based controller in anthropomorphous robot configuration. IFAC-PapersOnLine, 2015, 48, 135-140.	0.5	4
38	Modern Parking Solutions for Smart Cities. Annals of DAAAM & Proceedings, 2019, , 1075-1083.	0.1	4
39	Potential of Edge Computing PLCs in Industrial Automation. , 2022, , .		4
40	Whatâ€™s in the Box: Design of an Open Didactic Robot Environment. Electronics (Switzerland), 2020, 9, 2090.	1.8	3
41	Support for Self-service Automated Parking Systems. , 2020, , .		3
42	Development of Integral Environment in Matlab/Simulink for FPGA. Advances in Electrical and Electronic Engineering, 2014, 12, .	0.2	3
43	Challenges with Edge Computing in Mechatronics Education. , 2021, , .		2
44	Food Delivery Using Cargo-Bikes with IoT. Lecture Notes on Multidisciplinary Industrial Engineering, 2020, , 483-491.	0.4	2
45	Bluetooth parking access control. Sensor Review, 2014, 34, 244-254.	1.0	1
46	Software support for self-service automated systems. , 2018, , .		1
47	A Call Center System based on Expert Systems for the Acquisition of Agricultural Knowledge Transferred from Text-to-Speech in China. Computer Journal, 2021, 64, 895-908.	1.5	1
48	Development of Innovation in Field of Precision Agriculture. Annals of DAAAM & Proceedings, 2017, , 0787-0795.	0.1	1
49	RFID Product and Part Tracking for the Preventive Maintenance. , 2009, , .		0
50	Characteristics of the temperature field of household re Fridgeration appliances. , 2018, , .		0
51	Software Based Analysis of Food Cooling Technology. , 2019, , .		0