

# Majeed Soufian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6691108/publications.pdf>

Version: 2024-02-01

30  
papers

271  
citations

1477746

6  
h-index

1058022

14  
g-index

31  
all docs

31  
docs citations

31  
times ranked

249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid typing of bacteria using matrix-assisted laser desorption ionisation time-of-flight mass spectrometry and pattern recognition software. Journal of Microbiological Methods, 2002, 48, 127-138.	0.7	121
2	Formulation Pre-screening of Inhalation Powders Using Computational Atom-Atom Systematic Search Method. Molecular Pharmaceutics, 2015, 12, 18-33.	2.3	43
3	The practical application of a nonlinear identification methodology. Control Engineering Practice, 1996, 4, 295-306.	3.2	32
4	Synthonic Engineering Modelling Tools for Product and Process Design. NATO Science for Peace and Security Series A: Chemistry and Biology, 2017, , 155-176.	0.5	13
5	A Novel Elbow Pneumatic Muscle Actuator for Exoskeleton Arm in Post-Stroke Rehabilitation. , 2019, , .		12
6	Practical comparison of neural networks and conventional identification methodologies. , 1997, , .		6
7	On the use of inclusion structure in fuzzy clustering algorithm in case of Gaussian membership functions. Journal of Intelligent and Fuzzy Systems, 2015, 28, 1477-1493.	0.8	6
8	Gait speeds classifications by supervised modulation based machine-learning using kinect camera. Medical Research and Innovations, 2018, 2, .	0.1	6
9	Towards self-defending control systems in cybersecurity analysis and measures in industrial automation systems. , 2017, , .		4
10	Dynamic optimisation of an industrial web process. International Journal of Multiphysics, 2008, 2, 291-312.	0.3	4
11	Fault detection observer of a pilot plant papermaking machine. , 2017, , .		3
12	Soft and Hard Robotics for Movement Rehabilitation, Analysis and Modelling. , 2019, , .		3
13	Data-Based Modelling Techniques for Reciprocal Space of NMR Imaging. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 295-301.	0.4	2
14	Optimal actuatorsensor placement and controller design for large flexible space structures and robotics. , 2017, , .		2
15	Adaptive Clustering Based Inclusion and Computational Intelligence for a Fed-Batch Fermentation Process Control. , 2017, , .		2
16	Real-Time Emission Monitoring and Display to Reduce Vehicle Pollution Using Wireless Network. , 2019, , .		2
17	Toward Kinecting cognition by behaviour recognition-based deep learning and big data. Universal Access in the Information Society, 2022, 21, 33-51.	2.1	2
18	Structural Analysis of Conveyor Belts. Part I. Analytical Approach. Rubber Chemistry and Technology, 1992, 65, 697-705.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Dynamic Programming Approach for Constrained Model Predictive Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 219-224.	0.4	1
20	Practical Adaptive Navigation and Control of a Mobile Robot Using Neuro-Fuzzy Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 65-70.	0.4	1
21	Genetic Sensor Placement in Active Control of a Robotic Arm. , 2017, , .		1
22	A Jet Engine Prognostic and Diagnostic System Based on Bayesian Classifier. , 2019, , .		1
23	A FPGA Implementation of a Dual-Axis Solar Tracking System. , 2019, , .		1
24	Editorial for Special Issue: Underwater Acoustics, Communications, and Information Processing. Applied Sciences (Switzerland), 2019, 9, 4873.	1.3	1
25	Structural analysis of conveyor belts. II. Finite element approach. Journal of Applied Polymer Science, 1992, 46, 775-781.	1.3	0
26	Multi-dimension modelling techniques for reciprocal space of NMR imaging. , 1998, , .		0
27	Constraint Neuro-Model based Predictive Control. , 2004, , 279-286.		0
28	A constrained model-based predictive control algorithm and its applications. , 1994, , .		0
29	A fuzzy neural network sensor for fermentation processes. Lecture Notes in Computer Science, 1997, , 577-578.	1.0	0
30	Fuzzy Logic based Fed Batch Fermentation Control Scheme for Plant Culturing. , 2022, , .		0