

# Vesna M RankoviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

453  
citations

1307366

7  
h-index

1058333

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

525  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning-based Image Processing in Support of Disc Hernia Diagnosis. , 2021, , .		1
2	An Early Disc Herniation Identification System for Advancement in the Standard Medical Screening Procedure Based on Bayes Theorem. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 151-159.	3.9	7
3	A comparison of classifiers in biomedical signal processing as a decision support system in disc hernia diagnosis. Computers in Biology and Medicine, 2020, 125, 103978.	3.9	4
4	Development of a user-Friendly Application for DICOM Image Segmentation and 3D Visualization of a Brain Tumor. , 2019, , .		0
5	Development of new models for the estimation of deformation moduli in rock masses based on in situ measurements. Bulletin of Engineering Geology and the Environment, 2018, 77, 1191-1202.	1.6	5
6	A fuzzy model for supporting the diagnosis of lumbar disc herniation. , 2015, , .		2
7	Modeling of radiation dose of human head during CT scanning using neural networks. , 2015, , .		0
8	Predicting piezometric water level in dams via artificial neural networks. Neural Computing and Applications, 2014, 24, 1115-1121.	3.2	40
9	Development of support vector regression identification model for prediction of dam structural behaviour. Structural Safety, 2014, 48, 33-39.	2.8	147
10	ENVIRONMENTAL IMPACTS OF THE ELECTROMAGNETIC FIELD LEVELS NEAR OVERHEAD TRANSMISSION LINES. Environmental Engineering and Management Journal, 2014, 13, 627-633.	0.2	1
11	Prediction of dissolved oxygen in reservoirs using adaptive network-based fuzzy inference system. Journal of Hydroinformatics, 2012, 14, 167-179.	1.1	34
12	Modelling of dam behaviour based on neuro-fuzzy identification. Engineering Structures, 2012, 35, 107-113.	2.6	46
13	Prediction of magnetic field near power lines by normalized radial basis function network. Advances in Engineering Software, 2011, 42, 934-938.	1.8	10
14	Application of feedforward neural network in the study of dissociated gas flow along the porous wall. Expert Systems With Applications, 2011, 38, 12531-12536.	4.4	3
15	Neural network modeling of dissolved oxygen in the GruÅ¾a reservoir, Serbia. Ecological Modelling, 2010, 221, 1239-1244.	1.2	133
16	Feedforward neural network and adaptive network-based fuzzy inference system in study of power lines. Expert Systems With Applications, 2010, 37, 165-170.	4.4	16
17	Application of RBF neural network and ANFIS for electromagnetic field prediction around the power lines. , 2009, , .		2
18	Control of industrial robot using neural network compensator. Theoretical and Applied Mechanics, 2005, 32, 147-163.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Investigation of the impact of grape cultivars on the grape brandies quality. Facta Universitatis - Series Physics Chemistry and Technology, 2004, 3, 61-66.	0.2	1