



**Израда библиографије цитираних радова из база података Science Citation Index
- Web of Science и Scopus**

2005. - новембар 2016.

Проф. др Јасна Радовановић

Укупно хетероцитата (без самоцитата): 87

Jasna Radulović, Vesna Ranković, Feedforward neural network and adaptive network-based fuzzy inference system in study of power lines, Expert Systems with Applications, Vol.37, No.1, pp. 165-170, ISSN 0957-4174, Doi 10.1016/j.eswa.2009.05.008, 2010

Record 1 of 16

By: Wang, B (Wang, Biao); Mao, ZZ (Mao, Zhizhong)

Book Group Author(s): IEEE

Title: Evaluation of Inputs for Mach Number Prediction Model Based on ANFIS

Source: PROCEEDINGS OF THE 28TH CHINESE CONTROL AND DECISION CONFERENCE (2016 CCDC)

Book Series Title: Chinese Control and Decision Conference

Pages: 2805-2809

Published: 2016

Conference Title: 28th Chinese Control and Decision Conference

Conference Date: MAY 28-30, 2016

Conference Location: Yinchuan, PEOPLES R CHINA

Record 2

By: Namakshenas, M (Namakshenas, M.); Amiri, A (Amiri, A.); Sahraeian, R (Sahraeian, R.)

Title: A feedback-oriented data delay modeling in a dynamic neural network for time series forecasting

Source: SCIENTIA IRANICA

Volume: 23

Issue: 2

Pages: 711-720

Published: 2016

Record 3

By: Esmaili, M (Esmaili, Mohammad); Salimi, A (Salimi, Alireza); Drebenstedt, C (Drebenstedt, Carsten); Abbaszadeh, M (Abbaszadeh, Maliheh); Bazzazi, AA (Bazzazi, Abbas Aghajani)

Title: Application of PCA, SVR, and ANFIS for modeling of rock fragmentation

Source: ARABIAN JOURNAL OF GEOSCIENCES

Volume: 8

Issue: 9

Pages: 6881-6893

DOI: 10.1007/s12517-014-1677-3

Published: SEP 2015

Record 4

By: Munoz, F (Munoz, F.); Aguado, JA (Aguado, J. A.); Martin, F (Martin, F.); Lopez, JJ (Lopez, J. J.); Rodriguez, A (Rodriguez, A.); Garcia, JB (Garcia, J. B.); Treitero, AR (Treitero, A. R.); Molina, R (Molina, R.)

Title: An intelligent computing technique to estimate the magnetic field generated by overhead transmission lines using a hybrid GA-Sx algorithm

Source: INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS

Volume: 53

Pages: 43-53

DOI: 10.1016/j.ijepes.2013.03.023

Record 5

By: Sahin, S (Sahin, S.); Tolun, MR (Tolun, M. R.); Hassanpour, R (Hassanpour, R.)

Title: Hybrid expert systems: A survey of current approaches and applications

Source: EXPERT SYSTEMS WITH APPLICATIONS

Volume: 39

Issue: 4

Pages: 4609-4617

DOI: 10.1016/j.eswa.2011.08.130

Published: MAR 2012

Record 6

By: Bazzazi, AA (Bazzazi, Abbas Aghajani); Esmaili, M (Esmaili, Mohammad)

Title: PREDICTION OF BACKBREAK IN OPEN PIT BLASTING BY ADAPTIVE NEURO-FUZZY INFERENCE SYSTEM

Source: ARCHIVES OF MINING SCIENCES

Volume: 57

Issue: 4

Pages: 933-943

DOI: 10.2478/v10267-012-0062-x

Published: 2012

Record 7

By: Zhang, YD (Zhang, Yudong); Wu, LA (Wu, Lenan)

Title: Crop Classification by Forward Neural Network with Adaptive Chaotic Particle Swarm Optimization

Source: SENSORS

Volume: 11

Issue: 5

Pages: 4721-4743

DOI: 10.3390/s110504721

Published: MAY 2011

Record 8

By: Lutfy, OF (Lutfy, O. F.); Noor, SBM (Noor, S. B. Mohd); Marhaban, MH (Marhaban, M. H.); Abbas, KA (Abbas, K. A.); Mansor, H (Mansor, H.)

Title: Neuro-fuzzy modeling of a conveyor-belt grain dryer

Source: JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT

Volume: 8

Issue: 3-4

Pages: 128-134

Part: 1

Published: JUL-OCT 2010

9. Liu, Z.-B., Zhang, J., Song, W.-A.

From Parzen window estimation to feature extraction: A new perspective

(2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9937 LNCS, pp. 18-27.

DOI: 10.1007/978-3-319-46257-8_3

10. Sivakami, P., Subburaj, P.

EMF estimation of over head transmission line using CS algorithm with aid of NFC
(2016) International Journal on Electrical Engineering and Informatics, 8 (3), pp. 624-643.
DOI: 10.15676/ijeei.2016.8.3.11

11. Danzomo, B.A., Salami, M.-J.E., Khan, M.R.
Identification and predictive control of spray tower system using artificial neural network and differential evolution algorithm
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DOI: 10.1109/ASCC.2015.7244417

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Regional groundwater salinity dynamics forecasting based on neuro-fuzzy algorithm
(2014) Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering, 30 (18), pp. 142-150.
DOI: 10.3969/j.issn.1002-6819.2014.18.018

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Neural network adaptive control algorithm modified by PSO
(2012) Zhongguo Jixie Gongcheng/China Mechanical Engineering, 23 (22), pp. 2732-2738.
DOI: 10.3969/j.issn.1004-132X.2012.22.017

14. Sanguanchue, T., Jearanaitanakij, K.
Hybrid algorithm for training feed-forward neural networks using PSO-information gain with back propagation algorithm
(2012) 2012 9th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON 2012, art. no. 6254157, .
DOI: 10.1109/ECTICon.2012.6254157

15. Ho, Y.-C., Tsai, C.-T.
Comparing ANFIS and SEM in linear and nonlinear forecasting of new product development performance
(2011) Expert Systems with Applications, 38 (6), pp. 6498-6507.
DOI: 10.1016/j.eswa.2010.11.095

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A diversity guided PSO combined with BP for feedforward neural networks
(2010) Proceedings - 2010 3rd International Congress on Image and Signal Processing, CISP 2010, 4, art. no. 5647175, pp. 1538-1542
DOI: 10.1109/CISP.2010.5647175

Bojic, M., Boyer, H., Miranville, F., Patou-Parvedy, A., Radulovic J., Optimizing performances of photovoltaics in Reunion Island – tilt angle, Progress in Photovoltaics: Research and Applications, Vol.20, No.8, pp. 923-925, ISSN 1099-159, Doi 10.1002/pip.1159, 2012

Record 1 of 11

By: Koo, C (Koo, Choongwan); Hong, T (Hong, Taehoon); Lee, M (Lee, Minhyun); Kim, J (Kim, Jimin)

Title: An integrated multi-objective optimization model for determining the optimal solution in implementing the rooftop photovoltaic system

Source: RENEWABLE & SUSTAINABLE ENERGY REVIEWS

Volume: 57

Pages: 822-837

DOI: 10.1016/j.rser.2015.12.205

Published: MAY 2016

Record 2 of 11

By: Gokmen, N (Gokmen, Nuri); Hu, WH (Hu, Weihao); Hou, P (Hou, Peng); Chen, Z (Chen, Zhe); Sera, D (Sera, Dezso); Spataru, S (Spataru, Sergiu)

Title: Investigation of wind speed cooling effect on PV panels in windy locations

Source: RENEWABLE ENERGY

Volume: 90

Pages: 283-290

DOI: 10.1016/j.renene.2016.01.017

Published: MAY 2016

Record 3 of 11

By: Yilmaz, S (Yilmaz, Saban); Ozcalik, HR (Ozcalik, Hasan Riza); Dincer, F (Dincer, Furkan)

Title: Assessment and analysis on numerical and experimental performance of the photovoltaic systems for Germany and Turkey

Source: JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY

Volume: 7

Issue: 5

Article Number: 053114

DOI: 10.1063/1.4933063

Published: SEP 2015

Record 4 of 11

By: Pourgharibshahi, H (Pourgharibshahi, Hamed); Abdolzadeh, M (Abdolzadeh, Morteza);

Fadaeinedjad, R (Fadaeinedjad, Roohollah)

Title: Verification of computational optimum tilt angles of a photovoltaic module using an experimental photovoltaic system

Source: ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY

Volume: 34

Issue: 4

Pages: 1156-1165

DOI: 10.1002/ep.12066

Published: JUL-AUG 2015

Record 5 of 11

By: Yilmaz, S (Yilmaz, Saban); Ozcalik, HR (Ozcalik, Hasan Riza); Dincer, F (Dincer, Furkan)

Title: The analysis on the impact of the roof angle on electricity energy generation of photovoltaic panels in Kahramanmaraş, Turkey-A case study for all seasons

Source: JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY

Volume: 7

Issue: 2

Article Number: 023133

DOI: 10.1063/1.4919085

Published: MAR 2015

Record 6 of 11

By: Uddin, MJ (Uddin, Mohammed J.); Daramola, DE (Daramola, Deborah E.); Velasquez, E (Velasquez, Ever); Dickens, TJ (Dickens, Tarik J.); Yan, J (Yan, Jin); Hammel, E (Hammel, Emily); Cesano, F (Cesano, Federico); Okoli, OI (Okoli, Okenwa I.)

Title: A high efficiency 3D photovoltaic microwire with carbon nanotubes (CNT)-quantum dot (QD) hybrid interface

Source: PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS
Volume: 8
Issue: 11
Pages: 898-903
DOI: 10.1002/pssr.201409392
Published: NOV 2014

Record 7 of 11

By: Koo, C (Koo, Choongwan); Hong, T (Hong, Taehoon); Park, HS (Park, Hyo Seon); Yun, G (Yun, Gangcheol)
Title: Framework for the analysis of the potential of the rooftop photovoltaic system to achieve the net-zero energy solar buildings
Source: PROGRESS IN PHOTOVOLTAICS
Volume: 22
Issue: 4
Pages: 462-478
DOI: 10.1002/pip.2448
Published: APR 2014

Record 8 of 11

By: Hong, T (Hong, Taehoon); Koo, C (Koo, Choongwan); Park, J (Park, Joonho); Park, HS (Park, Hyo Seon)
Title: A GIS (geographic information system)-based optimization model for estimating the electricity generation of the rooftop PV (photovoltaic) system
Source: ENERGY
Volume: 65
Pages: 190-199
DOI: 10.1016/j.energy.2013.11.082
Published: FEB 1 2014

Record 9 of 11

By: Yadav, AK (Yadav, Amit Kumar); Chandel, SS (Chandel, S. S.)
Title: Tilt angle optimization to maximize incident solar radiation: A review
Source: RENEWABLE & SUSTAINABLE ENERGY REVIEWS
Volume: 23
Pages: 503-513
DOI: 10.1016/j.rser.2013.02.027
Published: JUL 2013

Record 10 of 11

By: Jedlicka, P (Jedlicka, Premysl); Zeman, J (Zeman, Jiri)
Book Group Author(s): CULSP
Title: AZIMUTHAL OPTIMIZATION OF STATIONARY SOLAR PANELS WITH RESPECT TO THE DISPERSED SUNLIGHT IN MIDDLE BOHEMIA REGION
Source: TRENDS IN AGRICULTURAL ENGINEERING 2013
Pages: 282-286
Published: 2013
Conference Title: 5th International Conference on Trends in Agricultural Engineering
Conference Date: SEP 03-06, 2013
Conference Location: Prague, CZECH REPUBLIC

Record 11 of 11

By: Bojic, M (Bojic, Milorad)

Edited by: Barsoum, N (Barsoum, N); Faiman, D (Faiman, D); Vasant, P (Vasant, P)

Title: Net Sustainable Buildings: Approaching Future

Source: PROCEEDINGS OF THE SIXTH GLOBAL CONFERENCE ON POWER CONTROL AND OPTIMIZATION

Book Series Title: AIP Conference Proceedings

Volume: 1499

Pages: 63-70

DOI: 10.1063/1.4768970

Published: 2012

Conference Title: 6th Global Conference on Power Control and Optimization

Conference Date: AUG 06-08, 2012

Conference Location: Las Vegas, NV

Vesna Ranković, Jasna Radulović, Ivana Radojević, Aleksandar Ostojić, Ljiljana Čomić,, Neural network modeling of dissolved oxygen in the Gruža reservoir, Serbia., Ecological Modelling, Vol.221, No.8, pp. 1239-1244, ISSN 0304-3800, Doi 10.1016/j.ecolmodel.2009.12.023, 2010, 2010

Record 1 of 38

By: Tomic, ANS (Tomic, Aleksandra N. Siljic); Antanasijevic, DZ (Antanasijevic, Davor Z.); Ristic, MD (Ristic, Mirjana D.); Peric-Grujic, AA (Peric-Grujic, Aleksandra A.); Pocajt, VV (Pocajt, Viktor V.)

Title: Modeling the BOD of Danube River in Serbia using spatial, temporal, and input variables optimized artificial neural network models

Source: ENVIRONMENTAL MONITORING AND ASSESSMENT

Volume: 188

Issue: 5

Article Number: 300

DOI: 10.1007/s10661-016-5308-1

Published: MAY 2016

Record 2

By: Skoczko, I (Skoczko, Iwona); Ofman, P (Ofman, Piotr); Szatylowicz, E (Szatylowicz, Ewa)

Title: Using Artificial Neural Networks for Modeling Wastewater Treatment in Small Wastewater Treatment Plant

Source: ROCZNIK OCHRONA SRODOWISKA

Volume: 18

Pages: 493-506

Part: 1

Published: 2016

Record 3

By: Rajaei, T (Rajaei, Taher); Khani, S (Khani, Salar)

Title: Comment on "Performance of ANFIS versus MLP-NN dissolved oxygen prediction models in water quality monitoring A. Najah & A. El-Shafie & O. A. Karim & Amr H. El-Shafie. Environ Sci Pollut Res (2014) 21:1658-1670"

Source: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH

Volume: 23

Issue: 1

Pages: 938-940
DOI: 10.1007/s11356-015-4730-1
Published: JAN 2016

Record 4

By: Zhou, LG (Zhou, Liguao); Ma, WC (Ma, Weichun); Zhang, H (Zhang, Hao); Li, LN (Li, Linna); Tang, L (Tang, Lin)
Title: Developing a PCA-ANN Model for Predicting Chlorophyll a Concentration from Field Hyperspectral Measurements in Dianshan Lake, China
Source: WATER QUALITY EXPOSURE AND HEALTH
Volume: 7
Issue: 4
Pages: 591-602
DOI: 10.1007/s12403-015-0175-5
Published: DEC 2015

Record 5

By: Nemati, S (Nemati, Samira); Fazelifard, MH (Fazelifard, Mohammad Hasan); Terzi, O (Terzi, Ozlem); Ghorbani, MA (Ghorbani, Mohammad Ali)
Title: Estimation of dissolved oxygen using data-driven techniques in the Tai Po River, Hong Kong
Source: ENVIRONMENTAL EARTH SCIENCES
Volume: 74
Issue: 5
Pages: 4065-4073
DOI: 10.1007/s12665-015-4450-3
Published: SEP 2015

Record 6

By: Bayram, A (Bayram, Adem); Uzlu, E (Uzlu, Ergun); Kankal, M (Kankal, Murat); Dede, T (Dede, Tayfun)
Title: Modeling stream dissolved oxygen concentration using teaching-learning based optimization algorithm
Source: ENVIRONMENTAL EARTH SCIENCES
Volume: 73
Issue: 10
Pages: 6565-6576
DOI: 10.1007/s12665-014-3876-3
Published: MAY 2015

Record 7

By: An, Y (An, Yan); Zou, ZH (Zou, Zhihong); Zhao, YF (Zhao, Yanfei)
Title: Forecasting of dissolved oxygen in the Guanting reservoir using an optimized NGBM (1,1) model
Source: JOURNAL OF ENVIRONMENTAL SCIENCES
Volume: 29
Pages: 158-164
DOI: 10.1016/j.jes.2014.10.005
Published: MAR 1 2015

Record 8

By: Siljic, A (Siljic, Aleksandra); Antanasijevic, D (Antanasijevic, Davor); Peric-Grujic, A (Peric-Grujic,

Aleksandra); Ristic, M (Ristic, Mirjana); Pocajt, V (Pocajt, Viktor)
Title: Artificial neural network modelling of biological oxygen demand in rivers at the national level with input selection based on Monte Carlo simulations
Source: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH
Volume: 22
Issue: 6
Pages: 4230-4241
DOI: 10.1007/s11356-014-3669-y
Published: MAR 2015

Record 9

By: Ma, Z (Ma, Zhen); Song, XF (Song, Xiefa); Wan, R (Wan, Rong); Gao, L (Gao, Lei); Jiang, DW (Jiang, Dawei)
Title: Artificial neural network modeling of the water quality in intensive Litopenaeus vannamei shrimp tanks
Source: AQUACULTURE
Volume: 433
Pages: 307-312
DOI: 10.1016/j.aquaculture.2014.06.029
Published: SEP 20 2014

Record 10

By: Ay, M (Ay, Murat); Kisi, O (Kisi, Ozgur)
Title: Modelling of chemical oxygen demand by using ANNs, ANFIS and k-means clustering techniques
Source: JOURNAL OF HYDROLOGY
Volume: 511
Pages: 279-289
DOI: 10.1016/j.jhydrol.2014.01.054
Published: APR 16 2014

Record 11

By: Wu, WY (Wu, Wenyan); Dandy, GC (Dandy, Graeme C.); Maier, HR (Maier, Holger R.)
Title: Protocol for developing ANN models and its application to the assessment of the quality of the ANN model development process in drinking water quality modelling
Source: ENVIRONMENTAL MODELLING & SOFTWARE
Volume: 54
Pages: 108-127
DOI: 10.1016/j.envsoft.2013.12.016
Published: APR 2014

Record 12

By: Najah, A (Najah, A.); El-Shafie, A (El-Shafie, A.); Karim, OA (Karim, O. A.); El-Shafie, AH (El-Shafie, Amr H.)
Title: Performance of ANFIS versus MLP-NN dissolved oxygen prediction models in water quality monitoring
Source: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH
Volume: 21
Issue: 3
Pages: 1658-1670
DOI: 10.1007/s11356-013-2048-4

Record 13

By: Zounemat-Kermani, M (Zounemat-Kermani, Mohammad); Scholz, M (Scholz, Miklas)

Title: Modeling of Dissolved Oxygen Applying Stepwise Regression and a Template-Based Fuzzy Logic System

Source: JOURNAL OF ENVIRONMENTAL ENGINEERING

Volume: 140

Issue: 1

Pages: 69-76

DOI: 10.1061/(ASCE)EE.1943-7870.0000780

Published: JAN 1 2014

Record 14

By: Heddami, S (Heddami, Salim)

Title: Modeling hourly dissolved oxygen concentration (DO) using two different adaptive neuro-fuzzy inference systems (ANFIS): a comparative study

Source: ENVIRONMENTAL MONITORING AND ASSESSMENT

Volume: 186

Issue: 1

Pages: 597-619

DOI: 10.1007/s10661-013-3402-1

Published: JAN 2014

Record 15

By: Kisi, O (Kisi, O.); Akbari, N (Akbari, N.); Sanatipour, M (Sanatipour, M.); Hashemi, A (Hashemi, A.); Teimourzadeh, K (Teimourzadeh, K.); Shiri, J (Shiri, J.)

Title: Modeling of Dissolved Oxygen in River Water Using Artificial Intelligence Techniques

Source: JOURNAL OF ENVIRONMENTAL INFORMATICS

Volume: 22

Issue: 2

Pages: 92-101

DOI: 10.3808/jei.201300248

Published: DEC 2013

Record 16

By: Antanasijevic, D (Antanasijevic, Davor); Pocajt, V (Pocajt, Viktor); Povrenovic, D (Povrenovic, Dragan); Peric-Grujic, A (Peric-Grujic, Aleksandra); Ristic, M (Ristic, Mirjana)

Title: Modelling of dissolved oxygen content using artificial neural networks: Danube River, North Serbia, case study

Source: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH

Volume: 20

Issue: 12

Pages: 9006-9013

DOI: 10.1007/s11356-013-1876-6

Published: DEC 2013

Record 17

By: Karakaya, N (Karakaya, Nusret); Evrendilek, F (Evrendilek, Fatih); Gungor, K (Gungor, Kerem); Onal, D (Onal, Deniz)

Title: Predicting Diel, Diurnal and Nocturnal Dynamics of Dissolved Oxygen and Chlorophyll-a Using Regression Models and Neural Networks
Source: CLEAN-SOIL AIR WATER
Volume: 41
Issue: 9
Pages: 872-877
DOI: 10.1002/clen.201200683
Published: SEP 2013

Record 18

By: Areerachakul, S (Areerachakul, Sirilak); Sophatsathit, P (Sophatsathit, Peraphon); Lursinsap, C (Lursinsap, Chidchanok)
Title: Integration of unsupervised and supervised neural networks to predict dissolved oxygen concentration in canals
Source: ECOLOGICAL MODELLING
Volume: 261
Pages: 1-7
DOI: 10.1016/j.ecolmodel.2013.04.002
Published: JUL 24 2013

Record 19

By: Wen, XH (Wen, Xiaohu); Fang, J (Fang, Jing); Diao, MN (Diao, Meina); Zhang, CQ (Zhang, Chuanqi)
Title: Artificial neural network modeling of dissolved oxygen in the Heihe River, Northwestern China
Source: ENVIRONMENTAL MONITORING AND ASSESSMENT
Volume: 185
Issue: 5
Pages: 4361-4371
DOI: 10.1007/s10661-012-2874-8
Published: MAY 2013

Record 20

By: Radojevic, I (Radojevic, I.); Comic, L (Comic, L.); Rankovic, V (Rankovic, V.); Ostojic, A (Ostojic, A.); Topuzovic, M (Topuzovic, M.)
Title: APPLYING NEURAL NETWORKS FOR PREDICTING THE FACULTATIVE OLIGOTROPHIC BACTERIA IN TWO RESERVOIRS WITH DIFFERENT TROPHIC STATE
Source: JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY
Volume: 14
Issue: 1
Pages: 55-63
Published: 2013

Record 21

By: Stefanovic, D (Stefanovic, Dusan); Radojevic, I (Radojevic, Ivana); Comic, L (Comic, Ljiljana); Ostojic, A (Ostojic, Aleksandar); Topuzoviic, M (Topuzoviic, Marina); Kaplarevic-Malisic, A (Kaplarevic-Malisic, Ana)
Title: Management information system of lakes and reservoirs
Source: WATER RESOURCES
Volume: 39
Issue: 4
Pages: 488-495

Record 22

By: Ay, M (Ay, Murat); Kisi, O (Kisi, Ozgur)

Title: Modeling of Dissolved Oxygen Concentration Using Different Neural Network Techniques in Foundation Creek, El Paso County, Colorado

Source: JOURNAL OF ENVIRONMENTAL ENGINEERING-ASCE

Volume: 138

Issue: 6

Pages: 654-662

DOI: 10.1061/(ASCE)EE.1943-7870.0000511

Published: JUN 2012

Record 23

By: Karami, A (Karami, Ali); Christianus, A (Christianus, Annie); Bahraminejad, B (Bahraminejad, Behzad); Gagne, F (Gagne, Francois); Courtenay, SC (Courtenay, Simon C.)

Title: Artificial neural network modeling of biomarkers to infer characteristics of contaminant exposure in Clarias gariepinus

Source: ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY

Volume: 77

Pages: 28-34

DOI: 10.1016/j.ecoenv.2011.10.026

Published: MAR 1 2012

Record 24

By: Rankovic, V (Rankovic, Vesna); Radulovic, J (Radulovic, Jasna); Radojevic, I (Radojevic, Ivana); Ostojic, A (Ostojic, Aleksandar); Comic, L (Comic, Ljiljana)

Title: Prediction of dissolved oxygen in reservoirs using adaptive network-based fuzzy inference system

Source: JOURNAL OF HYDROINFORMATICS

Volume: 14

Issue: 1

Pages: 167-179

DOI: 10.2166/hydro.2011.084

Published: JAN 2012

Record 25

By: Karadurmus, E (Karadurmus, Erdal); Cesmec, M (Cesmec, Mustafa); Yuceer, M (Yuceer, Mehmet); Berber, R (Berber, Ridvan)

Title: An artificial neural network model for the effects of chicken manure on ground water

Source: APPLIED SOFT COMPUTING

Volume: 12

Issue: 1

Pages: 494-497

DOI: 10.1016/j.asoc.2011.08.017

Published: JAN 2012

Record 26

By: Islam, N (Islam, Nilufar); Sadiq, R (Sadiq, Rehan); Rodriguez, MJ (Rodriguez, Manuel J.); Francisque, A (Francisque, Alex)

Title: Reviewing source water protection strategies: A conceptual model for water quality assessment
Source: ENVIRONMENTAL REVIEWS
Volume: 19
Pages: 68-105
DOI: 10.1139/A11-001
Published: 2011

27. Heddam, S.

Fuzzy neural network (EFuNN) for modelling dissolved oxygen concentration (DO)

(2017) Intelligent Systems Reference Library, 113, pp. 231-253.

DOI: 10.1007/978-3-319-42993-9_11

28. Šiljić Tomić, A.N., Antanasijević, D.Z., Ristić, M.Đ., Perić-Grujić, A.A., Pocajt, V.V.

Modeling the BOD of Danube River in Serbia using spatial, temporal, and input variables optimized artificial neural network models

(2016) Environmental Monitoring and Assessment, 188 (5), art. no. 300, .

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29. Chen, W.-B., Liu, W.-C.

Application of multivariate linear regression and neural network models for simulating water quality in reservoir

(2015) Journal of Taiwan Agricultural Engineering, 61 (3), pp. 73-87.

30. Chang, Y.-H., Ku, C.-R., Yeh, N.

Solar powered artificial floating island for landscape ecology and water quality improvement

(2014) Ecological Engineering, 69, pp. 8-16.

DOI: 10.1016/j.ecoleng.2014.03.015

31. Zhu, X.

Computational intelligence techniques and applications

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DOI: 10.1007/978-94-017-8642-3_1

32. Tang, S., Sun, T., Shen, X.-M., Feng, M.-L.

Dissolved oxygen dynamics model and its application in estuary subject to turbidity variability

(2013) Shuili Xuebao/Journal of Hydraulic Engineering, 44 (11), pp. 1286-1294.

33. Junguo, H., Guomo, Z., Xiaojun, X.

Using an improved back propagation neural network to study spatial distribution of sunshine illumination from sensor network data

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34. Amornsamankul, S., Pimpunchat, B., Duangchai-Yoosook, S., Triampo, W.

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