

Публикационна дейност
публикации в Scopus и Web of Science в последните 5 години

1. Andreev, N., Vassilev, P., Atanassova, V., Roeva, O., Atanassov, K., Generalized Net Model of the Cooperation between the Departments of Transfusion Haematology and the National Centre of Transfusion Haematology (2018) ANNA 2018 - Advances in Neural Networks and Applications 2018, pp. 82-85.
2. Angelova S., P. Raykov, E. Petrov, R. Raikova. A prototype of an active elbow orthosis – problems of mechanical design and orthosis control. Series on Biomechanics, 35, 3, Bulgarian Academy of Sciences, 2021, ISSN:1313-2458, 3-11. SJR (Scopus):0.197
3. Angelova, M., Roeva, O., Pencheva, T., Artificial Bee Colony Algorithm for Parameter Identification of Fermentation Process Model (2019) Lecture Notes in Electrical Engineering, 574, pp. 317-323.
4. Angelova, M., Roeva, O., Pencheva, T., Cuckoo Search Algorithm for Parameter Identification of Fermentation Process Model (2019) Lecture Notes in Computer Science, 11189, pp. 39-47.
5. Angelova, M., Roeva, O., Vassilev, P., Pencheva, T., Multi-Population Genetic Algorithm and Cuckoo Search Hybrid Technique for Parameter Identification of Fermentation Process Models (2023) Processes, 11(2), art. no. 427.
6. Angelova, S., P. Raykov, E. Petrov, and R. Raikova. "A prototype of an active elbow orthosis problems of mechanical design and orthosis control." Series on Biomechanics (2021).
7. Angelova, Silvija, Emil Petrov, Plamen Raykov, and Rositsa Raikova. "Experimental Testing of a Prototype of an Active Elbow Orthosis Based on in vivo Investigation of Elbow Flexion/Extension of Healthy Subjects." International Journal Bioautomation 26, no. 2 (2022): 161.
8. Atanassov, K., Roeva, O., Bureva, V., Cheshmedjiev, P., Vassilev, P., Atanassova, V., Operators over 3-Dimensional Index Matrices (2019) 2019 Big Data, Knowledge and Control Systems Engineering, BdkCSE 2019, art. no. 9010655.
9. Atanassov, K., Vassilev, P., Roeva, O., Level Operators Over Intuitionistic Fuzzy Index Matrices (2021) Mathematics, 9(4), art. no. 366, pp. 1-16.
10. Atanassov, K.T., Vassilev, P., Atanassova, V., Roeva, O., Iliev, R., Zoteva, D., Bureva, V., Mavrov, D., Alexandrov, A., Generalized Net Model of Forest Zone Monitoring by UAVs (2021) Mathematics, 9(22), art. no. 2874.
11. Borisov, M., Dimitrova, N., Zlateva, P.. Time-delayed bioreactor model of phenol and cresol mixture degradation with interaction kinetics. Water (Switzerland), 13 (22), art. no. 3266, Multidisciplinary Digital Publishing Institute (MDPI), 2021, ISSN:2073-4441, DOI:10.3390/w13223266, 1-30. SJR (Scopus):0.718, JCR-IF (Web of Science):3.103

12. Bureva, V., Sotirova, E., Vassilev, P., Atanassova, V., Roeva, O., Atanassov, K., Tsakov, H., Application of Game Method for Modelling to Locate a Forest Fire Ignition Point in the Presence of Wind (2022) Lecture Notes in Networks and Systems, 338, pp. 280-293.
13. Chorukova E., Kabaivanova L., Hubenov, V., Simeonov I., Roeva O.. Mathematical Model of a Thermophilic Anaerobic Digestion for Methane Production of Wheat Straw. Processes, 10, 4, MDPI, 2022, ISSN:2227-9717, DOI:https://doi.org/10.3390/pr10040742, 742. JCR-IF (Web of Science):2.909
14. Chorukova, E., Kabaivanova, L., Hubenov, V., Simeonov, I., Roeva, O., Mathematical Model of a Thermophilic Anaerobic Digestion for Methane Production of Wheat Straw (2022) Processes, 10(4), art. no. 742.
15. Chorukova, E., Roeva, O., Atanassov, K., Generalized Net Model of Ant Lion Optimizer (2022) Lecture Notes in Networks and Systems, 374, pp. 154-162.
16. Dimitrova, N., Zlateva, P.. Global stability analysis of a bioreactor model for phenol and cresol mixture degradation. Processes, 9, art. no. 124, Multidisciplinary Digital Publishing Institute (MDPI), 2021, ISSN:2227-9717, DOI:10.3390/pr9010124, 1-19. SJR (Scopus):0.414, JCR-IF (Web of Science):2.847
17. Dimitrova, N., Zlateva, P.. Stability Analysis of a Model for Phenol and Cresol Mixture Degradation. IOP Conference Series: Earth and Environmental Science, 356, art. no. 012009, IOP Publishing Ltd, 2019, ISSN:1755-1307, DOI:doi:10.1088/1755-1315/356/1/012009, SJR (Scopus):0.17
18. Fidanova, S., Atanassova, V., Roeva, O., Ant Colony Optimization Application to GPS Surveying Problems: InterCriteria Analysis (2018) Advances in Intelligent Systems and Computing, 559, pp. 251-264.
19. Fidanova, S., Ganzha, M., Roeva, O., Hybrid Ant Colony Optimization Algorithms – Behaviour Investigation Based on Intuitionistic Fuzzy Logic (2022) Studies in Computational Intelligence, 1044, pp. 39-60.
20. Fidanova, S., Ganzha, M., Roeva, O., InterCriteria Analysis of Hybrid Ant Colony Optimization Algorithm for Multiple Knapsack Problem (2021) Proceedings of the 16th Conference on Computer Science and Intelligence Systems, FedCSIS 2021, pp. 173-180.
21. Fidanova, S., Luque, G., Roeva, O., Ganzha, M., Ant Colony Optimization Algorithm for Workforce Planning: Influence of the Evaporation Parameter (2019) Proceedings of the 2019 Federated Conference on Computer Science and Information Systems, FedCSIS 2019, art. no. 8859747, pp. 177-181.
22. Fidanova, S., Luque, G., Roeva, O., Paprzycki, M., Gepner, P., Hybrid Ant Colony Optimization Algorithm for Workforce Planning (2018) Proceedings of the 2018 Federated Conference on Computer Science and Information Systems, FedCSIS 2018, art. no. 8511149, pp. 233-236.

23. Fidanova, S., Roeva, O., Ganzha, M., Ant Colony Optimization Algorithm for Fuzzy Transport Modelling: InterCriteria Analysis (2022) *Studies in Computational Intelligence*, 986, pp. 123-137.
24. Fidanova, S., Roeva, O., Ganzha, M., Ant Colony Optimization Algorithm for Fuzzy Transport Modelling (2020) *Proceedings of the 2020 Federated Conference on Computer Science and Information Systems, FedCSIS 2020*, art. no. 9222875, pp. 237-240.
25. Fidanova, S., Roeva, O., Influence of Ant Colony Optimization Parameters on the Algorithm Performance (2018) *Lecture Notes in Computer Science*, 10665, pp. 358-365.
26. Fidanova, S., Roeva, O., Influence of the ACO Evaporation Parameter for Unstructured Workforce Planning Problem (2022) *Lecture Notes in Computer Science*, 13127, pp. 234-241.
27. Fidanova, S., Roeva, O., InterCriteria Analysis of Different Variants of ACO Algorithm for Wireless Sensor Network Positioning (2019) *Lecture Notes in Computer Science*, 11189, pp. 88-96.
28. Fidanova, S., Roeva, O., Luque, G., Ant Colony Optimization Algorithm for Workforce Planning: Influence of the Algorithm Parameters (2019) *Studies in Computational Intelligence*, 793, pp. 119-128.
29. Fidanova, S., Roeva, O., Luque, G., Paprzycki, M., InterCriteria Analysis of Different Hybrid Ant Colony Optimization Algorithms for Workforce Planning (2020) *Studies in Computational Intelligence*, 838, pp. 61-81.
30. Fidanova, S., Roeva, O., Multi-objective ACO Algorithm for WSN Layout: InterCriteria Analysis (2020) *Lecture Notes in Computer Science*, 11958, pp. 501-509.
31. Fidanova, S., Zhivkov, P., Roeva, O., InterCriteria Analysis Applied on Air Pollution Influence on Morbidity (2022) *Mathematics*, 10(7), art. no. 1195.
32. Ikononov, N., Marinov, P., Vassilev, P., Roeva, O., Zoteva, D., Atanassova, V., Atanassov, K., 3D Software Implementation of the Game Method for Modelling Forest Fires in MyGL Software Tool (2022) *Lecture Notes in Networks and Systems*, 338, pp. 327-337.
33. Ikononov, N., Vassilev, P., Roeva, O., ICRAData - Software for InterCriteria Analysis (2018) *International Journal Bioautomation*, 22(1), pp. 1-10.
34. Lyubenova V., Kostov G., Denkova-Kostova R.. Model-Based Monitoring of Biotechnological Processes—A Review. *Processes*, 9, 6, MDPI AG, 2021, ISSN:2227-9717, 908. SJR (Scopus):0.414, JCR-IF (Web of Science):2.973
35. Lyubenova V., Ignatova M., Shopska V., Kostov G., Roeva O.. Simultaneous State and Kinetic Observation of Class-Controllable Bioprocesses. *Mathematics*, 10, 15, MDPI, 2022, ISSN:22277390, DOI:<https://doi.org/10.3390/math10152665>, 2665. SJR (Scopus):0.538, JCR-IF (Web of Science):2.592

36. Lyubenova V., Ignatova M., Roeva O.. Contemporary Bioprocesses Control Algorithms for Educational Purposes. Studies in Computational Intelligence, 1044, Springer Nature, 2022, ISBN:978-303106838-6, ISSN:1860-949X, DOI:10.1007/978-3-031-06839-3_6, 95-110. SJR (Scopus):0.237
37. Lyubenova, V., Ignatova, M., Roeva, O., Contemporary Bioprocesses Control Algorithms for Educational Purposes (2022) Studies in Computational Intelligence, 1044, pp. 95-110.
38. Lyubenova, V., Ignatova, M., Roeva, O., Junne, S., Neubauer, P., Adaptive Monitoring of Biotechnological Processes Kinetics (2020) Processes, 8(10), art. no. 1307, pp. 1-14.
39. Lyubenova, V.N., Ignatova, M.N., Shopska, V.N., Kostov, G.A., Roeva, O.N., Simultaneous State and Kinetic Observation of Class-Controllable Bioprocesses (2022) Mathematics, 10(15), art. no. 2665.
40. Lyubenova, V., Maya Ignatova, Olympia Roeva, Stefan Junne, Peter Neubauer. Adaptive monitoring of Biotechnological Processes Kinetics. Processes, 8, 10, MDPI AG, 2020, ISSN:EISSN 2227-9717, DOI:10.3390/pr8101307, 1307-1321. SJR (Scopus):1.8, JCR-IF (Web of Science):2.753
41. Matveev, M., Roeva, O., Petrov, M., Tsonev, S., Differences in Ischemia Mechanism in Coronary Artery Disease and Cardiac Syndrome X (2022) Lecture Notes in Networks and Systems, 374, pp. 332-341.
42. Mavrov, D., Atanassova, V., Bureva, V., Roeva, O., Vassilev, P., Tsvetkov, R., Zoteva, D., Sotirova, E., Atanassov, K., Alexandrov, A., Tsakov, H., Application of Game Method for Modelling and Temporal Intuitionistic Fuzzy Pairs to the Forest Fire Spread in the Presence of Strong Wind (2022) Mathematics, 10(8), art. no. 1280.
43. Nikolova V., Zlateva P., Berov B., Kamburov A., Velevev D.. Conceptual Model of Debris Flow Information System. IFIP Advances in Information and Communication Technology - ITDRR 2019, 575, Springer Nature, Switzerland AG, 2020, ISSN:1868-4238, DOI:10.1007/978-3-030-48939-7_13, 146-158. SJR (Scopus):0.209
44. Nikolova, V., Dimitrov, E., Zlateva, P.. Geoinformation Approach in Soil Erosion Susceptibility Assessment – A Tool for Decision Making: Case Study of the North-Western Bulgaria. In: Murayama Y., Velevev D., Zlateva P. (eds), Information Technology in Disaster Risk Reduction. ITDRR 2017. IFIP Advances in Information and Communication Technology, 516, Springer Nature, 2019, ISBN:978-3-030-18292-2, ISSN:1868-4238, DOI:https://doi.org/10.1007/978-3-030-18293-9_16, 190-201. SJR (Scopus):0.188
45. Nikolova, V., Zlateva, P., Dimitrov, I.. Geological – Geomorphological Features of River Catchments in Flood Susceptibility Assessment (on the Example of Middle Struma Valley, Bulgaria). In: Murayama Y., Velevev D., Zlateva P. (eds) Information Technology in Disaster Risk Reduction. ITDRR 2018. IFIP Advances in Information and Communication Technology, 550, Springer Nature, 2019, ISBN:978-3-030-

32168-0, ISSN:1868-4238, DOI:https://doi.org/10.1007/978-3-030-32169-7_7, 76-96. SJR (Scopus):0.188

46. Nikolova, V., Zlateva, P., Todorov, L.. Fuzzy Logic Approach to Complex Assessment of Drought Vulnerability. IFIP Advances in Information and Communication Technology, 622, Springer International Publishing, 2021, ISBN:978-3-030-81468-7, ISSN:1868-4238, DOI:10.1007/978-3-030-81469-4_24, 298-314. SJR (Scopus):0.189
47. Nikolova, V., Zlateva, P.. Complex Geoinformation Analysis of Multiple Natural Hazards Using Fuzzy Logic. In: Altan O., Chandra M., Sunar F., Tanzi T. (eds) Intelligent Systems for Crisis Management. Gi4DM 2018. Lecture Notes in Geoinformation and Cartography., Springer Nature, 2019, ISBN:9783030053291, ISSN:1863-2351, DOI:<https://doi.org/10.1007/978-3-030-05330-7>, 107-131. SJR (Scopus):0.288
48. Pencheva, T., Roeva, O., Angelova, M., Investigation of Genetic Algorithm Performance Based on Different Algorithms for InterCriteria Relations Calculation (2018) Lecture Notes in Computer Science, 10665, pp. 390-398.
49. Petelkov I., Shopska V., Denkova-Kostova R., Ivanova K., Kostov G., Lyubenova V.. Investigation of Fermentation Regimes for the Production of Low-alcohol and Non-alcohol Beers. Periodica Polytechnica Chemical Engineering, 65, 2, 2021, ISSN:0324-5853, 229-237. JCR-IF (Web of Science):1.68
50. Petelkov I., Shopska V., Denkova-Kostova R., Kostov G., Lyubenova V.. Investigation of Different Regimes of Beer Fermentation with Free and Immobilized Cells. Periodica Polytechnica Chemical Engineering, 64, 2, Budapest University of Technology and Economics, 2020, ISSN:Online ISSN : 1587-3765 Print ISSN : 0324-5853, 162-171. JCR-IF (Web of Science):1.248
51. Petelkov I., Shopska V., Denkova-Kostova R., Velislava Lyubenova, Ivanova K., Kostov G.. Effect of non-malted barley on low alcohol and non-alcoholic beer production. Ukrainian Food Journal, 9, 3, NATL UNIV FOOD TECHNOLOGIES , VUL VOLODYMYRSKA 68, KYIV, UKRAINE, 01601, 2020, ISSN:2313-5891 (Online) 2304-974X (Print), DOI:10.24263/2304- 974X-2020-9-3-8, 588-599
52. Petukhov, I., Steshina, L., Gorokhov, A., Vlasova, N., Veleve, D., Zlateva, P.. Synthesis of a Composite Imitation Model of the Cognitive Structure of the Ergatic System Operator on the Basis of Conceptual Pattern Technology. IFIP Advances in Information and Communication Technology, 600, Springer International Publishing, 2021, ISBN:978-3-030-81701-5, ISSN:1868-4238, DOI:10.1007/978-3-030-81701-5_11, 269-285. SJR (Scopus):0.189
53. Ribagin S., Velislava Lyubenova. Metaheuristic Algorithms: Theory and Applications. Studies in Computational Intelligence book series (SCI), 934, Springer Nature Switzerland AG. Part of Springer Nature, 2021, ISBN:Online ISBN 978-3-030-72284-5 Print ISBN 978-3-030-72283-8, DOI:10.1007/978-3-030-72284-5_18, 385-419. SJR (Scopus):0.185

54. Ribagin, S., Atanasov, K.T., Roeva, O., Pencheva, T., Generalized Net Model of Adolescent Idiopathic Scoliosis Diagnosing (2018) *Advances in Intelligent Systems and Computing*, 559, pp. 333-348.
55. Roeva, O., Angelova, M., Zoteva, D., Pencheva, T., Water Cycle Algorithm for Modelling of Fermentation Processes (2020) *Processes*, 8(8), art. no. 920.
56. Roeva, O., Application of Artificial Bee Colony Algorithm for Model Parameter Identification (2018) *Studies in Computational Intelligence*, 741, pp. 285-303.
57. Roeva, O., Atanasova, V., Universal Generalized Net Model for Description of Metaheuristic Algorithms: Verification with the Bat Algorithm (2018) *Advances in Intelligent Systems and Computing*, 643, pp. 244-255.
58. Roeva, O., Chorukova, E., Metaheuristic Algorithms to Optimal Parameters Estimation of a Model of Two-Stage Anaerobic Digestion of Corn Steep Liquor (2023) *Applied Sciences (Switzerland)*, 13(1), art. no. 199.
59. Roeva, O., Fidanova, S., Comparison of Different Metaheuristic Algorithms based on InterCriteria analysis (2018) *Journal of Computational and Applied Mathematics*, 340, pp. 615-628.
60. Roeva, O., Fidanova, S., Different InterCriteria Analysis of Variants of ACO Algorithm for Wireless Sensor Network Positioning (2020) *Studies in Computational Intelligence*, 838, pp. 83-103.
61. Roeva, O., Fidanova, S., Ganzha, M., InterCriteria Analysis of the Evaporation Parameter Influence on Ant Colony Optimization Algorithm: A Workforce Planning Problem (2021) *Studies in Computational Intelligence*, 920, pp. 89-109.
62. Roeva, O., Fidanova, S., Luque, G., Paprzycki, M., InterCriteria Analysis of ACO Performance for Workforce Planning Problem (2019) *Studies in Computational Intelligence*, 795, pp. 47-67.
63. Roeva, O., Fidanova, S., Paprzycki, M., Comparison of Different ACO Start Strategies Based on InterCriteria Analysis (2018) *Studies in Computational Intelligence*, 717, pp. 53-72.
64. Roeva, O., Ikonov, N., Vassilev, P., Discovering Knowledge from Predominantly Repetitive Data by InterCriteria Analysis (2019) *Studies in Computational Intelligence*, 795, pp. 213-233.
65. Roeva, O., Vassilev, P., Ikonov, N., Angelova, M., Su, J., Pencheva, T., On Different Algorithms for InterCriteria Relations Calculation (2019) *Studies in Computational Intelligence*, 757, pp. 143-160.
66. Roeva, O., Vassilev, P., Ikonov, N., Marinov, P., Zoteva, D., Atanasova, V., Tsakov, H., MkbGFire Software – An Example of Game Modelling of Forest Fires in Bulgaria (2021) *Advances in Intelligent Systems and Computing*, 1081, pp. 387-397.

67. Roeva, O., Zoteva, D., Atanassova, V., Atanassov, K., Castillo, O., Cuckoo Search and Firefly Algorithms in Terms of Generalized Net Theory (2020) *Soft Computing*, 24(7), pp. 4877-4898.
68. Roeva, O., Zoteva, D., Castillo, O., Joint Set-up of Parameters in Genetic Algorithms and the Artificial Bee Colony Algorithm: An Approach for Cultivation Process Modelling (2021) *Soft Computing*, 25(3), pp. 2015-2038.
69. Roeva, O., Zoteva, D., ICRA Over Ordered Pairs Applied to ABC Optimization Results (2021) *Studies in Computational Intelligence*, 920, pp. 135-148.
70. Roeva, O., Zoteva, D., Lyubenova, V., Escherichia coli Cultivation Process Modelling Using ABC-GA Hybrid Algorithm (2021) *Processes*, 9(8), art. no. 1418.
71. Roeva, O., Zoteva, D., Vassilev, P., Generalized Net Model of Coyote Optimization Algorithm (2022) *International Journal Bioautomation*, 26(4), pp. 353-360.
72. Shopska V., Denkova R., Lyubenova V., Kostov G.. Kinetic Characteristics of Alcohol Fermentation in Brewing: State of Art and Control of the Fermentation Process. *Fermented Beverages Volume 5: The Science of Beverages 2019*, 5, Woodhead Publishing, Elsevier, 2019, DOI:<https://doi.org/10.1016/B978-0-12-815271-3.00013-0>, 529-575
73. Sonkin, M.A., Khamukhin, A.A., Pogrebnoy, A.V., Marinov, P., Atanassova, V., Roeva, O., Atanassov, K., Alexandrov, A. Intercriteria Analysis as Tool for Acoustic Monitoring of Forest for Early Detection Fires (2021) *Advances in Intelligent Systems and Computing*, 1081, pp. 205-213.
74. Steshina L., Petukhov I., Glazyrin A., Veleve D., Zlateva P.. The Simulation Modeling for Safe Use of Technical Systems (Example: Forest Machines). *International Conference on Computer, Electrical and Communication Engineering (ICCECE 2020)*, art. no. 9223098, IEEE Inc., 2020, ISBN:978-1728-14475-7, DOI:10.1109/ICCECE48148.2020.9223098
75. Tsakovska, I., Alov, P., Ikonov, N., Atanassova, V., Vassilev, P., Roeva, O., Jereva, D., Atanassov, K., Pajeva, I., Pencheva, T., InterCriteria Analysis Implementation for Exploration of the Performance of Various Docking Scoring Functions (2021) *Studies in Computational Intelligence*, 902, pp. 88-98.
76. Veleve D., Zlateva, P., Steshina, L., Petukhov, I.. Challenges of using drones and virtual/augmented reality for disaster risk management. *Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci.*, XLII, 3/W8, ISPRS, 2019, ISSN:1682 1750, DOI:<https://doi.org/10.5194/isprs-archives-XLII-3-W8-437-2019>, 437-440
77. Veleve D., Zlateva, P.. Analysis of v-Commerce as the New Online Sales Channel. *International Journal of e-Education, e-Business, e-Management and e-Learning (IJEEEE)*, 9, 2, 2019, ISSN:2010-3654, DOI:doi: 10.17706/ijeeee.2019.9.2.131-137, 131-137
78. Velikova, V., Arena, C., Izzo, L.G., Tsonev, T., Koleva, D., Tattini, M., Roeva, O., De Maio, A., Loreto, F., Functional and Structural Leaf Plasticity Determine

Photosynthetic Performances During Drought Stress and Recovery in Two *Platanus Orientalis* Populations from Contrasting Habitats (2020) International Journal of Molecular Sciences, 21(11), art. no. 3912, pp. 1-18.

79. Zlateva P., Galabov M.. Some Financial Scenarios for Recovery of Natural Disaster Damages based on Insurances and Credits. 20th International Multidisciplinary Scientific GeoConference (SGEM 2020), 20, 5.2, 2020, ISBN:978-619-7603-11-8, ISSN:1314-2704, DOI:10.5593/sgem2020/5.2/s21.058, 471-478. SJR (Scopus):0.217
80. Zlateva P., Steshina L., Velev V., Petukhov I., Velev D.. Analysis of the Current Status of Scenario-Based Disaster Response Training with Extended Reality. 20th International Multidisciplinary Scientific Geoconference: Energy and Clean Technologies, SGEM 2020, 20 - December, 4.2, SGEM Vienna GREEN, 2020, ISSN:1314-2704, DOI:10.5593/sgem2020V/4.2/s06.15, 125-131. SJR (Scopus):0.144
81. Zlateva P., Velev D., Galabov M.. Research on the Applicability of Virtual Reality for Emergency Evacuation Training in Business Buildings. 20th International Multidisciplinary Scientific GeoConference (SGEM 2020), 20, 5.2, 2020, ISBN:978-619-7603-11-8, ISSN:1314-2704, DOI:10.5593/sgem2020/5.2/s21.051, 417-424. SJR (Scopus):0.217
82. Zlateva P.. A modified sliding mode control of a nonlinear methane fermentation process. E3S Web of Conferences - ICESD 2020, 167, art. no. 05007, EDP Sciences, 2020, ISSN:2267-1242, DOI:10.1051/e3sconf/202016705007, 1-5. SJR (Scopus):0.203
83. Zlateva P.. Sliding mode control of wastewater treatment process with activated sludge under extreme weather events. 6th International Conference on Advances in Environment Research (ICAER 2020), 776, art. no. 012001, IOP Conf. Series: Earth and Environmental Science, 2021, ISSN:1755-1307, DOI:10.1088/1755-1315/776/1/012001, SJR (Scopus):0.179
84. Zlateva, P., Dimitrova, N.. Analysis of Some Properties of an Activated Sludge Wastewater Treatment Model. IOP Conference Series: Earth and Environmental Science, 6th International Conference on Energy and Environmental Science (ICEES 2022), 1008, 1, IOP Publishing Ltd, 2022, ISSN:1755-1307, DOI:10.1088/1755-1315/1008/1/012023, 1-9. SJR (Scopus):0.202
85. Zlateva, P., Hadjitodorov, S.. An approach for analysis of critical infrastructure vulnerability to climate hazards. IOP Conference Series: Earth and Environmental Science, 4th International Conference on Environment, Resources and Energy Engineering (EREE 2022), 1094, 1, IOP Publishing Ltd, 2022, ISSN:1755-1307, DOI:10.1088/1755-1315/1094/1/012004, 1-8. SJR (Scopus):0.202
86. Zlateva, P., Petrova, E.. Kinetics of batch cultivation of *Acidithiobacillus ferrooxidans* JCM 3863. Journal "Series on Biomechanics", 35, 4, Institute of Mechanics - Bulgarian Academy of Sciences, 2021, ISSN:1313-2458, 56-61. SJR (Scopus):0.196

87. Zlateva, P.. Sliding mode control of biogas production by anaerobic digestion with addition of acetate. E3S Web of Conferences (International Conference on Green Energy and Environment Engineering - CGEEE 2018), 93, art. no. 03002, EDP Sciences, 2019, ISSN:2267-1242, DOI:<https://doi.org/10.1051/e3sconf/20199303002>, SJR (Scopus):0.174
88. Zoteva, D., Atanassova, V., Roeva, O., Szmidt, E., Generalized Net Model of Artificial Bee Colony Optimization Algorithm (2018) ANNA 2018 - Advances in Neural Networks and Applications 2018, pp. 53-58.