

## Retraction

---

# Retraction notice regarding several articles published in the *Journal of Intelligent & Fuzzy Systems*

**Abstract.** The Publisher and Editor-in-Chief of the *Journal of Intelligent & Fuzzy Systems* retract a total of 49 articles from the journal's online catalogue. The articles were published in different issues of the journal in the period July 2019 – April 2021. After publication it was found that these articles cite literature sources that have no relation to the subject matter of the citing article. This could be the result of a deliberate attempt to engineer the citation performance of the scientific literature. All authors were asked to provide insight into the reasoning for citing unrelated articles but were either unresponsive or unable to provide a reasonable explanation for having done so. It was decided to remove these articles from the published literature completely. This retraction is carried out in accordance with the recommendations of the Committee on Publication Ethics (COPE).

### 1. Affected articles

This retraction notice is applicable to the following articles. The original online articles have been updated with a watermark of “RETRACTED” inserted on every page.

Wang, L. (2019). Research on human resource performance and decision-making evaluation based on fuzzy mathematics and clustering model. *Journal of Intelligent & Fuzzy Systems*, 37(1), 171–184. doi:10.3233/jifs-179075

Xu, Z. (2019). Dynamic monitoring and management system for land resource based on parallel network algorithm and remote sensing. *Journal of Intelligent & Fuzzy Systems*, 37(1), 249–262. doi:10.3233/jifs-179082

Xiuli, S., Jing, G., Yue, W., Deguang, Y., Junhe, W., & Bo, T. (2019). A new model for quorum sensing and image simulation of plant rhizosphere microorganisms. *Journal of Intelligent & Fuzzy Systems*, 37(1), 263–274. doi:10.3233/jifs-179083

Xueying, T. & Panke, N. (2019). Econometric analysis of political connection affect corporate credit financing constraints based on fuzzy logic and SEM model. *Journal of Intelligent & Fuzzy Systems*, 37(1), 441–454. doi: 10.3233/jifs-179099

Daming, L., Lianbing, D., Zhiming, C., & Kaicheng, C. (2020). Design of intelligent community security system based on visual tracking and large data natural language processing technology. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7107–7117. doi:10.3233/jifs-179789

Xu, Y., Cheng, J., & Chen, S. (2020). Neural network model analysis of consumption expenditure prediction of urban and rural residents based on Lasso regression analysis. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7203–7214. doi:10.3233/jifs-179797

Hongfeng, C. (2020). Information network security construction based on depth learning and modulus algorithm. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7229–7240. doi:10.3233/jifs-179799

- Xiaofeng, D. (2020). Application of deep learning and artificial intelligence algorithm in multimedia music teaching. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7241–7251. doi:10.3233/jifs-179800
- Yi, H. (2020). Educational resource online evaluation system based on neural network dynamic feedback algorithm. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7253–7265. doi:10.3233/jifs-179801
- Kang, X., Zhang, Y., Zhang, H., Li, S., & Gao, W. (2020). Research on neural network model for new energy industry economy based on particle swarm optimization. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7267–7277. doi:10.3233/jifs-179802
- Liang, S., Chen, C., & Zou, G. (2020). Intelligent driving system of robot based on computer vision and neural network algorithm. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7279–7290. doi:10.3233/jifs-179803
- Wanni, M. (2020). Research on English grammar recognition system based on combination of genetic algorithm and KNN algorithm. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7291–7302. doi:10.3233/jifs-179804
- Bo, R., Ming, M., Guangguo, L., & ping, L. (2020). Action recognition model of athletes at the scene of the game based on SVM and multitarget tracking algorithm. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7303–7314. doi:10.3233/jifs-179805
- Anxie, T., & Bing, L. (2020). Application of deep learning and artificial intelligence in the psychological mechanism of language activity. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7315–7327. doi:10.3233/jifs-179806
- Hong, W., & Peng, Y. (2020). Delay control system of intelligent traffic scheduling based on deep learning and fuzzy control. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7329–7339. doi:10.3233/jifs-179807
- Xiong, Q. (2020). Research on English spoken semantic recognition machine learning model based on neural network and statistics fusion. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7341–7350. doi:10.3233/jifs-179808
- Yang, Y. (2020). Smart community security monitoring based on artificial intelligence and improved machine learning algorithm. *Journal of Intelligent & Fuzzy Systems*, 38(6), 7351–7363. doi:10.3233/jifs-179809
- Yuan, Q. (2020). Network education recommendation and teaching resource sharing based on improved neural network. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5511–5520. doi:10.3233/jifs-189033
- Liu, Y., Fan, Z., & Qi, H. (2020). Dynamic statistical evaluation of safety emergency management in coal enterprises based on neural network algorithms. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5521–5534. doi:10.3233/jifs-189034
- Fan, P. (2020). Application of deep learning and cloud data platform in college teaching quality evaluation. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5547–5558. doi:10.3233/jifs-189036
- Jin, M. (2020). Achievements analysis of mooc English course based on fuzzy statistics and neural network clustering. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5559–5569. doi:10.3233/jifs-189037
- Qi, Y. (2020). Research on badminton action feature recognition based on improved HMM model. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5571–5582. doi:10.3233/jifs-189038
- Nie, X. (2020). Research on economic function data and entrepreneurship analysis based on machine learning and computer interaction platform. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5635–5647. doi:10.3233/jifs-189043
- Chen, J., Xu, Y., Xu, S., Zhao, C., & Chen, H. (2020). Research on construction of anti-dumping early warning model based on BP neural network. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5649–5659. doi:10.3233/jifs-189044
- Zhang, W. (2020). Research on English score analysis system based on improved decision tree algorithm and fuzzy set. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5673–5685. doi:10.3233/jifs-189046
- Guo, C. (2020). Research on pre-competition emotion recognition of student athletes based on improved machine learning. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5687–5698. doi:10.3233/jifs-189047

- Fuzzy Systems, 39(4), 5687–5698. doi:10.3233/jifs-189047
- Long, S., & Zhao, X. (2020). Smart teaching mode based on particle swarm image recognition and human-computer interaction deep learning. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5699–5711. doi:10.3233/jifs-189048
- Qiwen, Z. (2020). Recognition of English spoken stressed syllables based on natural language processing and endpoint detection algorithm. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5713–5724. doi:10.3233/jifs-189049
- Min, J. (2020). Research on athlete training behavior based on improved support vector algorithm and target image detection. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5725–5736. doi:10.3233/jifs-189050
- Liu, X., & Yang, Z. (2020). Research on legibility of English text based on improved decision tree and intelligent interactive system. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5737–5747. doi:10.3233/jifs-189051
- Hai, Y. (2020). Computer-aided teaching mode of oral English intelligent learning based on speech recognition and network assistance. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5749–5760. doi:10.3233/jifs-189052
- Yuan, L. (2020). Interactive system design of entrepreneurship education based on internet of things and machine learning. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5761–5772. doi:10.3233/jifs-189053
- Sun, G. (2020). Quantitative analysis of enterprise chain risk based on SVM algorithm and mathematical fuzzy set. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5773–5783. doi:10.3233/jifs-189054
- Mei, L., & Qi, L. (2020). Central urban open space system and green economy planning based on spatial clustering algorithms and AHP model. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5785–5795. doi:10.3233/jifs-189055
- Li, X., & Geng, S. (2020). Research on sports retrieval recognition of action based on feature extraction and SVM classification algorithm. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5797–5808. doi:10.3233/jifs-189056
- Jing, Y. (2020). Research on fuzzy English automatic recognition and human-computer interaction based on machine learning. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5809–5819. doi:10.3233/jifs-189057
- Long, Y., & Han, C. (2020). Transaction processing and value evaluation of carbon emission rights based on wavelet transform image and deep learning. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5821–5832. doi:10.3233/jifs-189058
- Xing, X. (2020). Bottleneck prediction of urban road network based on improved PSO algorithms and fuzzy control. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5833–5843. doi:10.3233/jifs-189059
- Zhang, X. (2020). Analysis of financial market trend based on autoregressive conditional heteroscedastic model and BP neural network prediction. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5845–5857. doi:10.3233/jifs-189060
- Wang, J., & Qu, H. (2020). Analysis of regression prediction model of competitive sports based on SVM and artificial intelligence. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5859–5869. doi:10.3233/jifs-189061
- Xu, H., & Yan, R. (2020). Research on sports action recognition system based on cluster regression and improved ISA deep network. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5871–5881. doi:10.3233/jifs-189062
- Zhang, Z. (2020). BP neural network trade volume prediction and enterprises HRM optimization model based on ES-LM training. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5883–5894. doi:10.3233/jifs-189063
- Li, S. (2020). Empirical test of employee incentive in supply chain network based on asymmetric information game analysis and fuzzy model. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5895–5904. doi:10.3233/jifs-189064
- Aiqun, W., Zicong, H., & Yilin, W. (2020). Risk assessment of logistics finance enterprises based on BP neural network and fuzzy mathematical model.

Journal of Intelligent & Fuzzy Systems, 39(4), 5915–5925. doi:10.3233/jifs-189066

Chunhe, Y. (2020). Evaluation of maker space index system based on machine learning and intelligent interactive system. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5941–5952. doi:10.3233/jifs-189068

Zhu, W. (2020). Classification accuracy of basketball simulation training system based on sensor fusion and Bayesian algorithm. *Journal of Intelligent & Fuzzy Systems*, 39(4), 5965–5976. doi:10.3233/jifs-189070

Yuan, Z. (2021). Interactive intelligent teaching and automatic composition scoring system based on

linear regression machine learning algorithm. *Journal of Intelligent & Fuzzy Systems*, 40(2), 2069–2081. doi:10.3233/jifs-189208

Wang, Y., & Fu, P. (2021). Integration performance statistics of green suppliers based on fuzzy mathematics and BP neural network. *Journal of Intelligent & Fuzzy Systems*, 40(2), 2083–2094. doi:10.3233/jifs-189209

Guo, J., & Liu, J. (2021). Optimal system design of language training strategy based on artificial intelligence. *Journal of Intelligent & Fuzzy Systems*, 40(4), 6683–6693. doi:10.3233/jifs-189503