Alexander Sboev

List of Publications by Year
in descending order

Version: 2024-02-01

47 papers	390 citations	1040056 9 h-index	839539 18 g-index
49 all docs	49 docs citations	49 times ranked	383 citing authors

#	Article	IF	Citations
1	Analysis of the Full-Size Russian Corpus of Internet Drug Reviews with Complex NER Labeling Using Deep Learning Neural Networks and Language Models. Applied Sciences (Switzerland), 2022, 12, 491.	2.5	5
2	Extraction of the Relations among Significant Pharmacological Entities in Russian-Language Reviews of Internet Users on Medications. Big Data and Cognitive Computing, 2022, 6, 10.	4.7	4
3	The Two-Stage Algorithm forÂExtraction ofÂtheÂSignificant Pharmaceutical Named Entities andÂTheir Relations inÂtheÂRussian-Language Reviews onÂMedications onÂBase ofÂtheÂXLM-RoBERTa Language Model. Studies in Computational Intelligence, 2022, , 463-471.	0.9	2
4	Graph convolution network with attention to include syntax trees into text authorâ€™s gender identification task. AIP Conference Proceedings, 2022, , .	0.4	0
5	Sentiment Analysis ofÂRussian Reviews toÂEstimate theÂUsefulness ofÂDrugs Using theÂDomain-Specific XLM-RoBERTa Model. Studies in Computational Intelligence, 2022, , 447-456.	0.9	0
6	On the accuracy of different neural language model approaches to ADE extraction in natural language corpora. Procedia Computer Science, 2021, 190, 706-711.	2.0	4
7	Data-Driven Model for Emotion Detection in Russian Texts. Procedia Computer Science, 2021, 190, 637-642.	2.0	2
8	Modeling the Dynamics of Spiking Networks with Memristor-Based STDP to Solve Classification Tasks. Mathematics, 2021, 9, 3237.	2.2	10
9	Self-adaptive STDP-based learning of a spiking neuron with nanocomposite memristive weights. Nanotechnology, 2020, 31, 045201.	2.6	65
10	Solving a classification task by spiking neural network with STDP based on rate and temporal input encoding. Mathematical Methods in the Applied Sciences, 2020, 43, 7802-7814.	2.3	20
11	Keyword Extraction Approach Based on Probabilistic-Entropy, Graph, and Neural Network Methods. Lecture Notes in Computer Science, 2020, , 284-295.	1.3	1
12	A gender identification of text author in mixture of Russian multi-genre texts with distortions on base of data-driven approach using machine learning models. AIP Conference Proceedings, 2019, , .	0.4	1
13	Influence of input encoding on solving a classification task by spiking neural network with STDP. AIP Conference Proceedings, 2019, , .	0.4	2
14	To the question of data-driven identification of authorâ€™s age for Russian texts with age deceptions using machine learning. Journal of Physics: Conference Series, 2019, 1205, 012049.	0.4	0
15	Automatic gender identification of author of Russian text by machine learning and neural net algorithms in case of gender deception. Procedia Computer Science, 2018, 123, 417-423.	2.0	18
16	Deep Learning neural nets versus traditional machine learning in gender identification of authors of RusProfiling texts. Procedia Computer Science, 2018, 123, 424-431.	2.0	11
17	Solving a classification task by spiking neurons with STDP and temporal coding. Procedia Computer Science, 2018, 123, 494-500.	2.0	16
18	Analytical properties of the perturbed FitzHughâ€“Nagumo model. Applied Mathematics Letters, 2018, 76, 142-147.	2.7	24

#	Article	IF	Citations
19	To the role of the choice of the neuron model in spiking network learning on base of Spike-Timing-Dependent Plasticity. Procedia Computer Science, 2018, 123, 432-439.	2.0	7
20	Spiking neural network reinforcement learning method based on temporal coding and STDP. Procedia Computer Science, 2018, 145, 458-463.	2.0	4
21	Estimation of the influence of spiking neural network parameters on classification accuracy using a genetic algorithm. Procedia Computer Science, 2018, 145, 488-494.	2.0	4
22	Profiling the Age of Russian Bloggers. Communications in Computer and Information Science, 2018, , 167-177.	0.5	3
23	Human Brain Structural Organization in Healthy Volunteers and Patients with Schizophrenia. Advances in Intelligent Systems and Computing, 2018, , 85-90.	0.6	1
24	Effective calculations on neuromorphic hardware based on spiking neural network approaches. Lobachevskii Journal of Mathematics, 2017, 38, 964-966.	0.9	0
25	On the effect of stabilizing mean firing rate of a neuron due to STDP. Procedia Computer Science, 2017, 119, 166-173.	2.0	4
26	A probabilistically entropic mechanism of topical clusterisation along with thematic annotation for evolution analysis of meaningful social information of internet sources. Lobachevskii Journal of Mathematics, 2017, 38, 910-913.	0.9	2
27	A comparison of Data Driven models of solving the task of gender identification of author in Russian language texts for cases without and with the gender deception. Journal of Physics: Conference Series, 2017, 937, 012046.	0.4	2
28	A probabilistic-entropy approach of finding thematically similar documents with creating context-semantic graph for investigating evolution of society opinion. Journal of Physics: Conference Series, 2016, 681, 012012.	0.4	1
29	A comparison of learning abilities of spiking networks with different spike timing-dependent plasticity forms. Journal of Physics: Conference Series, 2016, 681, 012013.	0.4	5
30	Deep Learning Network Models to Categorize Texts According to Author's Gender and to Identify Text Sentiment. , 2016, , .		4
31	Syntactic Model for Russian: Deep Learning Models with Dependency Parsing Scheme. , 2016, , .		0
32	On the applicability of STDP-based learning mechanisms to spiking neuron network models. AIP Advances, 2016, 6, .	1.3	5
33	Machine Learning Models of Text Categorization by Author Gender Using Topic-independent Features. Procedia Computer Science, 2016, 101, 135-142.	2.0	36
34	On the Applicability of Spiking Neural Network Models to Solve the Task of Recognizing Gender Hidden in Texts. Procedia Computer Science, 2016, 101, 187-196.	2.0	1
35	To the Question of Learnability of a Spiking Neuron with Spike-Timing-Dependent Plasticity in Case of Complex Input Signals. Advances in Intelligent Systems and Computing, 2016, , 205-211.	0.6	0
36	Evaluation of the Cardiovascular Risk in Middle-aged Workers: An Artificial Neural Networks-based Approach. Procedia Computer Science, 2016, 80, 2418-2422.	2.0	1

#	Article	IF	Citations
37	The complex of neural networks and probabilistic methods for mathematical modeling of the syntactic structure of a sentence of natural language. Journal of Physics: Conference Series, 2016, 681, 012011.	0.4	1
38	"Ruspersonality": A Russian corpus for authorship profiling and deception detection. , 2016, , .		15
39	COMPARATIVE ANALYSIS OF THE CALCULATION MODELS FOR ISCHEMIC HEART DISEASE OVERALL RISK IN RAILROAD WORKERS. Russian Journal of Cardiology, 2016, , 27-33.	1.4	4
40	An Algorithm of Finding Thematically Similar Documents with Creating Context-semantic Graph Based on Probabilistic-entropy Approach. Procedia Computer Science, 2015, 66, 297-306.	2.0	5
41	Syntactic Analysis of the Sentences of the Russian Language Based on Neural Networks. Procedia Computer Science, 2015, 66, 277-286.	2.0	1
42	A Quantitative Method of Text Emotiveness Evaluation on Base of the Psycholinguistic Markers Founded on Morphological Features. Procedia Computer Science, 2015, 66, 307-316.	2.0	9
43	Visualization of Subtopics of the Thematic Document Collection Using the Context-Semantic Graph. , 2015, , .		0
44	Morpho-syntactic parsing based on neural networks and corpus data. , 2015, , .		5
45	Comparison of learning methods for spiking neural networks. Optical Memory and Neural Networks (Information Optics), 2015, 24, 123-129.	1.0	4
46	Coronary heart disease diagnosis by artificial neural networks including genetic polymorphisms and clinical parameters. Journal of Cardiology, 2012, 59, 190-194.	1.9	80
47	Methodology of full-core Monte Carlo calculations with leakage parameter evaluations for benchmark critical experiment analysis. , 1997, , .		0