Ilya Makarov

List of Publications by Year
in descending order

52 papers	**624** citations	777949 **13** h-index	889612 **19** g-index
53 all docs	**53** docs citations	**53** times ranked	**116** citing authors

#	Article	IF	Citations
1	Temporal network embedding framework with causal anonymous walks representations. PeerJ Computer Science, 2022, 8, e858.	2.7	17
2	Self-supervised recurrent depth estimation with attention mechanisms. PeerJ Computer Science, 2022, 8, e865.	2.7	20
3	Classification via Compressed Latent Space. , 2022, , .		1
4	Information Extraction for Modeling Screenplay Evolution of Star Wars Fiction. , 2022, , .		0
5	Hotel Recognition via Latent Image Embeddings. Lecture Notes in Computer Science, 2021, , 293-305.	1.0	6
6	Deep Reinforcement Learning in VizDoom via DQN and Actor-Critic Agents. Lecture Notes in Computer Science, 2021, , 138-150.	1.0	8
7	Fast Depth Reconstruction Using Deep Convolutional Neural Networks. Lecture Notes in Computer Science, 2021, , 456-467.	1.0	8
8	Human Action Recognition for Boxing Training Simulator. Lecture Notes in Computer Science, 2021, , 331-343.	1.0	0
9	Semi-automatic Manga Colorization Using Conditional Adversarial Networks. Lecture Notes in Computer Science, 2021, , 230-242.	1.0	2
10	Automated Image and Video Quality Assessment for Computational VideoÂEditing. Lecture Notes in Computer Science, 2021, , 243-256.	1.0	6
11	Survey on graph embeddings and their applications to machine learning problems on graphs. PeerJ Computer Science, 2021, 7, e357.	2.7	55
12	Fusion of text and graph information for machine learning problems on networks. PeerJ Computer Science, 2021, 7, e526.	2.7	24
13	Fault detection in Tennessee Eastman process with temporal deep learning models. Journal of Industrial Information Integration, 2021, 23, 100216.	4.3	28
14	Instagram Hashtag Prediction Using Deep Neural Networks. Lecture Notes in Computer Science, 2021, , 28-42.	1.0	2
15	JONNEE: Joint Network Nodes and Edges Embedding. IEEE Access, 2021, 9, 144646-144659.	2.6	23
16	Depth Inpainting via Vision Transformer. , 2021, , .		17
17	Deep Reinforcement Learning with DQN vs. PPO in VizDoom. , 2021, , .		6
18	Style-transfer Autoencoder for Efficient Deep Voice Conversion. , 2021, , .		1

#	Article	IF	Citations
19	Learning Loss for Active Learning in Depth Reconstruction Problem. , 2021, , .		5
20	Network Embedding for Cluster Analysis. , 2021, , .		2
21	Real-Time 3D Model Reconstruction and Mapping for Fashion. , 2020, , .		3
22	Online supervised attention-based recurrent depth estimation from monocular video. PeerJ Computer Science, 2020, 6, e317.	2.7	21
23	Prediction of New Itinerary Markets for Airlines via Network Embedding. Communications in Computer and Information Science, 2020, , 315-325.	0.4	3
24	GSM: Inductive Learning on Dynamic Graph Embeddings. Springer Proceedings in Mathematics and Statistics, 2020, , 85-99.	0.1	3
25	Russian Sign Language Dactyl Recognition. , 2019, , .		12
26	Higher School of Economics Co-Authorship Network Study. , 2019, , .		5
27	Deep Reinforcement Learning in Match-3 Game. , 2019, , .		15
28	American and russian sign language dactyl recognition. , 2019, , .		14
29	Generative Models for Fashion Industry using Deep Neural Networks. , 2019, , .		2
30	Russian Freight Flights Time Prediction. , 2019, , .		3
31	Link Prediction Regression for Weighted Co-authorship Networks. Lecture Notes in Computer Science, 2019, , 667-677.	1.0	17
32	Predicting Collaborations in Co-authorship Network. , 2019, , .		20
33	Deep Reinforcement Learning Methods in Match-3 Game. Lecture Notes in Computer Science, 2019, , 51-62.	1.0	6
34	On Reproducing Semi-dense Depth Map Reconstruction using Deep Convolutional Neural Networks with Perceptual Loss. , 2019, , .		17
35	Dual network embedding for representing research interests in the link prediction problem on co-authorship networks. PeerJ Computer Science, 2019, 5, e172.	2.7	25
36	American and Russian Sign Language Dactyl Recognition and Text2Sign Translation. Lecture Notes in Computer Science, 2019, , 309-320.	1.0	6

#	Article	IF	Citations
37	Predicting Winning Team and Probabilistic Ratings in â€œDota 2â€•and â€œCounter-Strike: Global Offensiveâ€• Video Games. Lecture Notes in Computer Science, 2018, , 183-196.	1.0	20
38	Fast Depth Map Super-Resolution Using Deep Neural Network. , 2018, , .		25
39	Joint Node-Edge Network Embedding for Link Prediction. Lecture Notes in Computer Science, 2018, , 20-31.	1.0	15
40	Co-authorship Network Embedding and Recommending Collaborators via Network Embedding. Lecture Notes in Computer Science, 2018, , 32-38.	1.0	12
41	Sparse Depth Map Interpolation using Deep Convolutional Neural Networks. , 2018, , .		11
42	Fast Semi-dense Depth Map Estimation. , 2018, , .		14
43	Improving Picture Quality with Photo-Realistic Style Transfer. Lecture Notes in Computer Science, 2018, , 47-55.	1.0	4
44	Super-resolution of interpolated downsampled semi-dense depth map. , 2018, , .		9
45	Recommending Co-authorship via Network Embeddings and Feature Engineering. , 2018, , .		17
46	Scientific Matchmaker: Collaborator Recommender System. Lecture Notes in Computer Science, 2018, , 404-410.	1.0	15
47	Semi-Dense Depth Interpolation using Deep Convolutional Neural Networks. , 2017, , .		27
48	[POSTER] Depth Map Interpolation Using Perceptual Loss. , 2017, , .		23
49	Co-author Recommender System. Springer Proceedings in Mathematics and Statistics, 2017, , 251-257.	0.1	16
50	First-Person Shooter Game for Virtual Reality Headset with Advanced Multi-Agent Intelligent System. , 2016, , .		9
51	Existence of Finite Total Equivalence Systems for Certain Closed Classes of 3-Valued Logic Functions. Logica Universalis, 2015, 9, 1-26.	0.1	0
52	Interior Klein polyhedra. Mathematical Notes, 2014, 95, 795-805.	0.1	3