

Pan Zheng

List of Publications by Year in descending order

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35
papers

711
citations

758635

12
h-index

525886

27
g-index

36
all docs

36
docs citations

36
times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	SC-Dynamic R-CNN: A Self-Calibrated Dynamic R-CNN Model for Lung Cancer Lesion Detection. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-9.	0.7	9
2	Editorial: Artificial Intelligence in Bioinformatics and Drug Repurposing: Methods and Applications. Frontiers in Genetics, 2022, 13, 870795.	1.1	4
3	Multi-TransDTI: Transformer for Drug-Target Interaction Prediction Based on Simple Universal Dictionaries with Multi-View Strategy. Biomolecules, 2022, 12, 644.	1.8	11
4	An Enhanced Priori Knowledge GAN for CT Images Generation of Early Lung Nodules with Small-Size Labelled Samples. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-9.	1.9	7
5	On the Computational Power of Asynchronous Axon Membrane Systems. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 696-704.	3.4	7
6	Comprehensive Literature Reviews on Ground Plane Checking for the Visually Impaired. EAI/Springer Innovations in Communication and Computing, 2020, , 85-103.	0.9	2
7	A Programming 20-30nm Rectangular DNA Origami for Loading Doxorubicin to Penetrate Ovarian Cancer Cells. IEEE Transactions on Nanobioscience, 2020, 19, 152-157.	2.2	8
8	A deep model method for recognizing activities of workers on offshore drilling platform by multistage convolutional pose machine. Journal of Loss Prevention in the Process Industries, 2020, 64, 104043.	1.7	14
9	Guest Editorial: Bio-Inspired Computing Models and Algorithms. IEEE Transactions on Nanobioscience, 2020, 19, 100-101.	2.2	1
10	Prediction of Sphingosine protein-coding regions with a self adaptive spectral rotation method. PLoS ONE, 2019, 14, e0214442.	1.1	2
11	An Improved Convolutional Network Architecture Based on Residual Modeling for Person Re-Identification in Edge Computing. IEEE Access, 2019, 7, 106748-106759.	2.6	14
12	Hungry Cat-A Serious Game for Conveying Spatial Information to the Visually Impaired. Multimodal Technologies and Interaction, 2019, 3, 12.	1.7	9
13	Spiking Neural P Systems With Learning Functions. IEEE Transactions on Nanobioscience, 2019, 18, 176-190.	2.2	85
14	U-Next: A Novel Convolution Neural Network With an Aggregation U-Net Architecture for Gallstone Segmentation in CT Images. IEEE Access, 2019, 7, 166823-166832.	2.6	26
15	A Parallel Image Skeletonizing Method Using Spiking Neural P Systems with Weights. Neural Processing Letters, 2019, 50, 1485-1502.	2.0	72
16	Bio-Inspired Computing Models and Algorithms. , 2019, , .		2
17	Spiking Neural P Systems With Colored Spikes. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 1106-1115.	2.6	116
18	A computational approach for nuclear export signals identification using spiking neural P systems. Neural Computing and Applications, 2018, 29, 695-705.	3.2	27

#	ARTICLE	IF	CITATIONS
19	A Parallel Bioinspired Framework for Numerical Calculations Using Enzymatic P System With an Enzymatic Environment. IEEE Access, 2018, 6, 65548-65556.	2.6	14
20	An Audio and Haptic Feedback-Based Virtual Environment Spatial Navigation Learning Tool. , 2018, , .		0
21	A Parallel Workflow Pattern Modeling Using Spiking Neural P Systems With Colored Spikes. IEEE Transactions on Nanobioscience, 2018, 17, 474-484.	2.2	54
22	Small Universal Bacteria and Plasmid Computing Systems. Molecules, 2018, 23, 1307.	1.7	14
23	Optimising technology to measure functional vision, mobility and service outcomes for people with low vision or blindness: protocol for a prospective cohort study in Australia and Malaysia. BMJ Open, 2017, 7, e018140.	0.8	9
24	A functional pipeline framework for landmark identification on 3D surface extracted from volumetric data. PLoS ONE, 2017, 12, e0187558.	1.1	4
25	A programming triangular DNA origami for doxorubicin loading and delivering to target ovarian cancer cells. Oncotarget, 2017, .	0.8	6
26	A novel method for multifactorial bio-chemical experiments design based on combinational design theory. PLoS ONE, 2017, 12, e0186853.	1.1	2
27	On the Computational Power of Spiking Neural P Systems with Self-Organization. Scientific Reports, 2016, 6, 27624.	1.6	70
28	Design of logic gates using spiking neural P systems with homogeneous neurons and astrocytes-like control. Information Sciences, 2016, 372, 380-391.	4.0	114
29	A Note on Reversible and Dual Extended Spiking Neural P Systems. Journal of Computational and Theoretical Nanoscience, 2016, 13, 3744-3748.	0.4	0
30	Small-angle approximation attack on angle-based many-to-one functions for biometric templates. , 2015, , .		0
31	A Robust Subset-ICP Method for Point Set Registration. Lecture Notes in Computer Science, 2013, , 59-69.	1.0	4
32	Finite difference error analysis of geometry properties of implicit surfaces. , 2011, , .		1
33	The Gradient of the Maximal Curvature Estimation for Crest Lines Extraction. Lecture Notes in Computer Science, 2011, , 196-205.	1.0	0
34	Skull Registration Using Rigid Super-Curves. , 2009, , .		2
35	Isosurface Extraction of Volumetric Data Using Implicit Surface Polygonization. , 2009, , .		1