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List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

817
citations

933447

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1199594

12
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18
all docs

18
docs citations

18
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Instrument Segmentation in Robot-Assisted Surgery using Deep Learning. , 2018, , .		183
2	Deep Convolutional Neural Networks for Breast Cancer Histology Image Analysis. Lecture Notes in Computer Science, 2018, , 737-744.	1.3	172
3	Paediatric Bone Age Assessment Using Deep Convolutional Neural Networks. Lecture Notes in Computer Science, 2018, , 300-308.	1.3	102
4	CD45 functions as a signaling gatekeeper in T cells. Science Signaling, 2019, 12, .	3.6	81
5	Crowding on DNA in Protein Search for Targets. Journal of Physical Chemistry Letters, 2016, 7, 2502-2506.	4.6	35
6	Mechanisms of Protein Search for Targets on DNA: Theoretical Insights. Molecules, 2018, 23, 2106.	3.8	34
7	Sequence heterogeneity accelerates protein search for targets on DNA. Journal of Chemical Physics, 2015, 143, 245101.	3.0	29
8	Role of Static and Dynamic Obstacles in the Protein Search for Targets on DNA. Journal of Physical Chemistry B, 2016, 120, 5802-5809.	2.6	24
9	How conformational dynamics influences the protein search for targets on DNA. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 444004.	2.1	18
10	Medical Image Segmentation Using Deep Neural Networks with Pre-trained Encoders. Advances in Intelligent Systems and Computing, 2020, , 39-52.	0.6	18
11	The Role of DNA Looping in the Search for Specific Targets on DNA by Multisite Proteins. Journal of Physical Chemistry Letters, 2016, 7, 5022-5027.	4.6	15
12	On the Mechanism of Homology Search by RecA Protein Filaments. Biophysical Journal, 2017, 112, 859-867.	0.5	11
13	Mechanism of Genome Interrogation: How CRISPR RNA-Guided Cas9 Proteins Locate Specific Targets on DNA. Biophysical Journal, 2017, 113, 1416-1424.	0.5	9