

Soumitra Samanta

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

264
citations

1307594

7
h-index

1588992

8
g-index

21
all docs

21
docs citations

21
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	DeepGraphMolGen, a multi-objective, computational strategy for generating molecules with desirable properties: a graph convolution and reinforcement learning approach. Journal of Cheminformatics, 2020, 12, 53.	6.1	42
2	Deep learning and generative methods in cheminformatics and chemical biology: navigating small molecule space intelligently. Biochemical Journal, 2020, 477, 4559-4580.	3.7	29
3	MassGenie: A Transformer-Based Deep Learning Method for Identifying Small Molecules from Their Mass Spectra. Biomolecules, 2021, 11, 1793.	4.0	29
4	Multiple Pyramids Based Image Inpainting Using Local Patch Statistics and Steering Kernel Feature. IEEE Transactions on Image Processing, 2019, 28, 5495-5509.	9.8	27
5	Indian Classical Dance classification by learning dance pose bases. , 2012, , .		26
6	VAE-Sim: A Novel Molecular Similarity Measure Based on a Variational Autoencoder. Molecules, 2020, 25, 3446.	3.8	23
7	A Simple and Fast Algorithm to Detect the Fovea Region in Fundus Retinal Image. , 2011, , .		22
8	Space-time Facet Model for Human Activity Classification. IEEE Transactions on Multimedia, 2014, , 1-1.	7.2	22
9	Ensemble classifier-based off-line handwritten word recognition system in holistic approach. IET Image Processing, 2018, 12, 1467-1474.	2.5	13
10	FaSTIP. , 2012, , .		6
11	Indian Classical Dance Classification on Manifold Using Jensen-Bregman LogDet Divergence. , 2014, , .		6
12	Bishnupur heritage image dataset (BHID). , 2016, , .		4
13	A Novel Technique for Space-Time-Interest Point Detection and Description for Dance Video Classification. Lecture Notes in Computer Science, 2013, , 507-516.	1.3	4
14	A Patch-Based Constrained Inpainting for Damaged Mural Images. , 2017, , 205-223.		2
15	SIHWD: A Database for Off-line Handwritten Word Recognition and Writer Identification. , 2017, , .		2
16	Modelling Human Understanding of Thematic Roles with Motion Heuristics. , 2018, , .		0
17	An Image Dataset of Bishnupur Terracotta Temples for Digital Heritage Research. , 2018, , 269-291.		0
18	Scale-Invariant Image Inpainting Using Gradient-Based Image Composition. Lecture Notes in Computer Science, 2017, , 97-108.	1.3	0