

Soumitra Samanta

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

264
citations

1464605

7
h-index

1762888

8
g-index

21
all docs

21
docs citations

21
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	MassGenie: A Transformer-Based Deep Learning Method for Identifying Small Molecules from Their Mass Spectra. <i>Biomolecules</i> , 2021, 11, 1793.	1.8	29
2	VAE-Sim: A Novel Molecular Similarity Measure Based on a Variational Autoencoder. <i>Molecules</i> , 2020, 25, 3446.	1.7	23
3	DeepGraphMolGen, a multi-objective, computational strategy for generating molecules with desirable properties: a graph convolution and reinforcement learning approach. <i>Journal of Cheminformatics</i> , 2020, 12, 53.	2.8	42
4	Deep learning and generative methods in cheminformatics and chemical biology: navigating small molecule space intelligently. <i>Biochemical Journal</i> , 2020, 477, 4559-4580.	1.7	29
5	Multiple Pyramids Based Image Inpainting Using Local Patch Statistics and Steering Kernel Feature. <i>IEEE Transactions on Image Processing</i> , 2019, 28, 5495-5509.	6.0	27
6	Modelling Human Understanding of Thematic Roles with Motion Heuristics. , 2018, , .		0
7	An Image Dataset of Bishnupur Terracotta Temples for Digital Heritage Research. , 2018, , 269-291.		0
8	Ensemble classifier based off-line handwritten word recognition system in holistic approach. <i>IET Image Processing</i> , 2018, 12, 1467-1474.	1.4	13
9	A Patch-Based Constrained Inpainting for Damaged Mural Images. , 2017, , 205-223.		2
10	SIHWD: A Database for Off-line Handwritten Word Recognition and Writer Identification. , 2017, , .		2
11	Scale-Invariant Image Inpainting Using Gradient-Based Image Composition. <i>Lecture Notes in Computer Science</i> , 2017, , 97-108.	1.0	0
12	Bishnupur heritage image dataset (BHID). , 2016, , .		4
13	Indian Classical Dance Classification on Manifold Using Jensen-Bregman LogDet Divergence. , 2014, , .		6
14	Space-time Facet Model for Human Activity Classification. <i>IEEE Transactions on Multimedia</i> , 2014, , 1-1.	5.2	22
15	A Novel Technique for Space-Time-Interest Point Detection and Description for Dance Video Classification. <i>Lecture Notes in Computer Science</i> , 2013, , 507-516.	1.0	4
16	FaSTIP. , 2012, , .		6
17	Indian Classical Dance classification by learning dance pose bases. , 2012, , .		26
18	A Simple and Fast Algorithm to Detect the Fovea Region in Fundus Retinal Image. , 2011, , .		22