

Amirali Aghazadeh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7287394/publications.pdf>

Version: 2024-02-01

10
papers

376
citations

1307366

7
h-index

1372474

10
g-index

15
all docs

15
docs citations

15
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	Current progress and open challenges for applying deep learning across the biosciences. Nature Communications, 2022, 13, 1728.	5.8	105
2	On the sparsity of fitness functions and implications for learning. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	21
3	Anomalous nanoparticle surface diffusion in LCTEM is revealed by deep learning-assisted analysis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	37
4	Epistatic Net allows the sparse spectral regularization of deep neural networks for inferring fitness functions. Nature Communications, 2021, 12, 5225.	5.8	18
5	CRISPR-like sequence and structure: Interpretable large-scale inference of DNA repair landscape based on a spectral approach. Bioinformatics, 2020, 36, i560-i568.	1.8	6
6	Sparsity-based approaches for damage detection in plates. Mechanical Systems and Signal Processing, 2019, 117, 333-346.	4.4	29
7	Large dataset enables prediction of repair after CRISPR-Cas9 editing in primary T cells. Nature Biotechnology, 2019, 37, 1034-1037.	9.4	87
8	Data-driven semi-supervised and supervised learning algorithms for health monitoring of pipes. Mechanical Systems and Signal Processing, 2019, 131, 524-537.	4.4	53
9	Insense: Incoherent sensor selection for sparse signals. Signal Processing, 2018, 150, 57-65.	2.1	6
10	Universal microbial diagnostics using random DNA probes. Science Advances, 2016, 2, e1600025.	4.7	10