

# Ehsaneddin Asgari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5515240/publications.pdf>

Version: 2024-02-01

12  
papers

1,229  
citations

1040056

9  
h-index

1281871

11  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1553  
citing authors

#	ARTICLE	IF	CITATIONS
1	EpitopeVec: linear epitope prediction using deep protein sequence embeddings. <i>Bioinformatics</i> , 2021, 37, 4517-4525.	4.1	17
2	Predicting antimicrobial resistance in <i>Pseudomonas aeruginosa</i> with machine learning-enabled molecular diagnostics. <i>EMBO Molecular Medicine</i> , 2020, 12, e10264.	6.9	111
3	Probabilistic variable-length segmentation of protein sequences for discriminative motif discovery (DiMotif) and sequence embedding (ProtVecX). <i>Scientific Reports</i> , 2019, 9, 3577.	3.3	52
4	The CAFA challenge reports improved protein function prediction and new functional annotations for hundreds of genes through experimental screens. <i>Genome Biology</i> , 2019, 20, 244.	8.8	261
5	DiTaxa: nucleotide-pair encoding of 16S rRNA for host phenotype and biomarker detection. <i>Bioinformatics</i> , 2019, 35, 2498-2500.	4.1	15
6	Deep Genomics and Proteomics: Language Model-Based Embedding of Biological Sequences and Their Applications in Bioinformatics. , 2019, , 167-181.		3
7	Molecular Insights into the Mechanisms of SUN1 Oligomerization in the Nuclear Envelope. <i>Biophysical Journal</i> , 2018, 114, 1190-1203.	0.5	35
8	MicroPheno: predicting environments and host phenotypes from 16S rRNA gene sequencing using a k-mer based representation of shallow sub-samples. <i>Bioinformatics</i> , 2018, 34, i32-i42.	4.1	68
9	Overview of Character-Based Models for Natural Language Processing. <i>Lecture Notes in Computer Science</i> , 2018, , 3-16.	1.3	2
10	Comparing Fifty Natural Languages and Twelve Genetic Languages Using Word Embedding Language Divergence (WELD) as a Quantitative Measure of Language Distance. , 2016, , .		14
11	Continuous Distributed Representation of Biological Sequences for Deep Proteomics and Genomics. <i>PLoS ONE</i> , 2015, 10, e0141287.	2.5	591
12	Integration of scientific and social networks. <i>World Wide Web</i> , 2014, 17, 1051-1079.	4.0	18