

Zoran Popovic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11533090/publications.pdf>

Version: 2024-02-01

25
papers

5,043
citations

687363

13
h-index

839539

18
g-index

27
all docs

27
docs citations

27
times ranked

7272
citing authors

#	ARTICLE	IF	CITATIONS
1	Rosetta3. <i>Methods in Enzymology</i> , 2011, 487, 545-574.	1.0	1,620
2	Predicting protein structures with a multiplayer online game. <i>Nature</i> , 2010, 466, 756-760.	27.8	1,062
3	Crystal structure of a monomeric retroviral protease solved by protein folding game players. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1175-1177.	8.2	463
4	Algorithm discovery by protein folding game players. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18949-18953.	7.1	450
5	Integrated Morphoelectric and Transcriptomic Classification of Cortical GABAergic Cells. <i>Cell</i> , 2020, 183, 935-953.e19.	28.9	290
6	Increased Diels-Alderase activity through backbone remodeling guided by Foldit players. <i>Nature Biotechnology</i> , 2012, 30, 190-192.	17.5	259
7	Dance reveals symmetry especially in young men. <i>Nature</i> , 2005, 438, 1148-1150.	27.8	174
8	The impact of tutorials on games of varying complexity. , 2012, , .		105
9	De novo protein design by citizen scientists. <i>Nature</i> , 2019, 570, 390-394.	27.8	105
10	PhotoCity. , 2011, , .		102
11	The challenge of designing scientific discovery games. , 2010, , .		101
12	WeFold: A coopetition for protein structure prediction. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 1850-1868.	2.6	48
13	Determining crystal structures through crowdsourcing and coursework. <i>Nature Communications</i> , 2016, 7, 12549.	12.8	47
14	Analysis of social gameplay macros in the Foldit cookbook. , 2011, , .		38
15	Power to the People: Addressing Big Data Challenges in Neuroscience by Creating a New Cadre of Citizen Neuroscientists. <i>Neuron</i> , 2016, 92, 658-664.	8.1	35
16	Verification games. , 2012, , .		34
17	High-resolution structure of a retroviral protease folded as a monomer. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 907-914.	2.5	22
18	An analysis and evaluation of the WeFold collaborative for protein structure prediction and its pipelines in CASP11 and CASP12. <i>Scientific Reports</i> , 2018, 8, 9939.	3.3	19

#	ARTICLE	IF	CITATIONS
19	Feature-based projections for effective playtrace analysis. , 2011, , .		18
20	Collaborative Problem Solving in an Open-Ended Scientific Discovery Game. Proceedings of the ACM on Human-Computer Interaction, 2017, 1, 1-21.	3.3	10
21	Building de novo cryo-electron microscopy structures collaboratively with citizen scientists. PLoS Biology, 2019, 17, e3000472.	5.6	10
22	Empowering Children To Rapidly Author Games and Animations Without Writing Code. , 2016, , .		9
23	Proactive Sensing for Improving Hand Pose Estimation. , 2016, , .		9
24	Modernizing Training in Psychotherapy Competencies With Adaptive Learning Systems: Proof of Concept. Research on Social Work Practice, 2021, 31, 90-100.	1.9	4
25	Exploring the Role of Local and Global Explanations in Recommender Systems. , 2022, , .		1