Zoran Popovic

List of Publications by Citations

24 papers	3,553 citations	16 h-index	27 g-index
27 ext. papers	4,451 ext. citations	23.2 avg, IF	4.31 L-index

#	Paper	IF	Citations
24	ROSETTA3: an object-oriented software suite for the simulation and design of macromolecules. *Methods in Enzymology*, **2011**, 487, 545-74	1.7	1216
23	Predicting protein structures with a multiplayer online game. *Nature*, **2010**, 466, 756-60	50.4	821
22	Crystal structure of a monomeric retroviral protease solved by protein folding game players. *Nature Structural and Molecular Biology*, **2011**, 18, 1175-7	17.6	316
21	Algorithm discovery by protein folding game players. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 18949-53	11.5	289
20	Increased Diels-Alderase activity through backbone remodeling guided by Foldit players. *Nature Biotechnology*, **2012**, 30, 190-2	44.5	206
19	Dance reveals symmetry especially in young men. *Nature*, **2005**, 438, 1148-50	50.4	134
18	PhotoCity **2011**,		82
17	Integrated Morphoelectric and Transcriptomic Classification of Cortical GABAergic Cells. *Cell*, **2020**, 183, 935-953.e19	56.2	78
16	The challenge of designing scientific discovery games **2010**,		67
15	De novo protein design by citizen scientists. *Nature*, **2019**, 570, 390-394	50.4	63
14	The impact of tutorials on games of varying complexity **2012**,		60
13	WeFold: a coopetition for protein structure prediction. *Proteins: Structure, Function and Bioinformatics*, **2014**, 82, 1850-68	4.2	39
12	Determining crystal structures through crowdsourcing and coursework. *Nature Communications*, **2016**, 7, 12549	17.4	35
11	Verification games **2012**,		27
10	Power to the People: Addressing Big Data Challenges in Neuroscience by Creating a New Cadre of Citizen Neuroscientists. *Neuron*, **2016**, 92, 658-664	13.9	23
9	Analysis of social gameplay macros in the Foldit cookbook **2011**,		19
8	An analysis and evaluation of the WeFold collaborative for protein structure prediction and its pipelines in CASP11 and CASP12. *Scientific Reports*, **2018**, 8, 9939	4.9	16

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7	High-resolution structure of a retroviral protease folded as a monomer. *Acta Crystallographica Section D: Biological Crystallography*, **2011**, 67, 907-14		15
6	Feature-based projections for effective playtrace analysis **2011**,		12
5	Building de novo cryo-electron microscopy structures collaboratively with citizen scientists. *PLoS Biology*, **2019**, 17, e3000472	9.7	9
4	Collaborative Problem Solving in an Open-Ended Scientific Discovery Game. *Proceedings of the ACM on Human-Computer Interaction*, **2017**, 1,	3.4	7
3	Empowering Children To Rapidly Author Games and Animations Without Writing Code **2016**,		6
2	Proactive Sensing for Improving Hand Pose Estimation **2016**,		5
1	Modernizing Training in Psychotherapy Competencies With Adaptive Learning Systems: Proof of Concept. *Research on Social Work Practice*, **2021**, 31, 90-100	1.4	0