

Biel Roig-Solvas

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

180
citations

1684188

5
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	FiXR: a framework to reconstruct fiber cross-sections from X-ray fiber diffraction experiments. Acta Crystallographica Section D: Structural Biology, 2020, 76, 102-117.	2.3	0
2	A Proximal Operator for Multispectral Phase Retrieval Problems. SIAM Journal on Optimization, 2019, 29, 2594-2607.	2.0	7
3	Prospects for transcranial temporal interference stimulation in humans: A computational study. NeuroImage, 2019, 202, 116124.	4.2	74
4	A direct approach to estimate the anisotropy of protein structures from small-angle X-ray scattering. Journal of Applied Crystallography, 2019, 52, 274-283.	4.5	5
5	Computationally optimized ECoG stimulation with local safety constraints. NeuroImage, 2018, 173, 35-48.	4.2	11
6	Reporter Selection for Nanotags in Multiplexed Surface Enhanced Raman Spectroscopy Assays. ACS Omega, 2018, 3, 10733-10742.	3.5	43
7	Calculation of the cross-sectional shape of a fibril from equatorial scattering. Journal of Structural Biology, 2017, 200, 248-257.	2.8	7
8	Design of SERS nanotags for multiplexed lateral flow immunoassays. Molecular Systems Design and Engineering, 2017, 2, 401-409.	3.4	32
9	A framework to optimize protein structure from solution scattering using ADMM and an elastic subdomain network. , 2016, , .		1