

Juliet A Gerrard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7912138/publications.pdf>

Version: 2024-02-01

13
papers

286
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Organic Semiconductors Assembled via Natural Aggregating Peptides. <i>Advanced Functional Materials</i> , 2015, 25, 5640-5649.	14.9	56
2	Peroxiredoxin is a Versatile Self-Assembling Tecton for Protein Nanotechnology. <i>Biomacromolecules</i> , 2014, 15, 1871-1881.	5.4	43
3	Structures of Human Peroxiredoxin 3 Suggest Self-Chaperoning Assembly that Maintains Catalytic State. <i>Structure</i> , 2016, 24, 1120-1129.	3.3	39
4	Cryo-Electron Microscopy Structure of Human Peroxiredoxin-3 Filament Reveals the Assembly of a Putative Chaperone. <i>Structure</i> , 2015, 23, 912-920.	3.3	30
5	Self-assembly of toroidal proteins explored using native mass spectrometry. <i>Chemical Science</i> , 2018, 9, 6099-6106.	7.4	26
6	Protein β^2 -interfaces as a generic source of native peptide tectons. <i>Chemical Communications</i> , 2013, 49, 2825.	4.1	23
7	Quaternary structure influences the peroxidase activity of peroxiredoxin 3. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 558-563.	2.1	22
8	Controlling gelation with sequence: Towards programmable peptide hydrogels. <i>Acta Biomaterialia</i> , 2016, 43, 30-37.	8.3	15
9	Formation of supramolecular protein structures on gold surfaces. <i>Biointerphases</i> , 2017, 12, 04E405.	1.6	12
10	Directed self-assembly of peptide-diketopyrrolopyrrole conjugates a platform for bio-organic thin film preparation. <i>Soft Matter</i> , 2020, 16, 6563-6571.	2.7	10
11	Oral delivery of self-assembling bioactive peptides to target gastrointestinal tract disease. <i>Food and Function</i> , 2020, 11, 9468-9488.	4.6	6
12	Engineering peroxiredoxin 3 to facilitate control over self-assembly. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 263-268.	2.1	3
13	Introduction to Protein Nanotechnology. <i>Methods in Molecular Biology</i> , 2020, 2073, 1-13.	0.9	1