

Greet De Baets

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1842260/publications.pdf>

Version: 2024-02-01

16
papers

972
citations

623734

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times ranked

2086
citing authors

#	ARTICLE	IF	CITATIONS
1	Restricted Location of PSEN2/ β -Secretase Determines Substrate Specificity and Generates an Intracellular $A\beta$ Pool. <i>Cell</i> , 2016, 166, 193-208.	28.9	260
2	SNPEffect 4.0: on-line prediction of molecular and structural effects of protein-coding variants. <i>Nucleic Acids Research</i> , 2012, 40, D935-D939.	14.5	235
3	A comparative analysis of the aggregation behavior of amyloid- β peptide variants. <i>FEBS Letters</i> , 2012, 586, 4088-4093.	2.8	64
4	Nuclear inclusion bodies of mutant and wild-type p53 in cancer: a hallmark of p53 inactivation and proteostasis remodelling by p53 aggregation. <i>Journal of Pathology</i> , 2017, 242, 24-38.	4.5	54
5	Solubis: a webserver to reduce protein aggregation through mutation. <i>Protein Engineering, Design and Selection</i> , 2016, 29, 285-289.	2.1	51
6	An Evolutionary Trade-Off between Protein Turnover Rate and Protein Aggregation Favors a Higher Aggregation Propensity in Fast Degrading Proteins. <i>PLoS Computational Biology</i> , 2011, 7, e1002090.	3.2	50
7	Predicting aggregation-prone sequences in proteins. <i>Essays in Biochemistry</i> , 2014, 56, 41-52.	4.7	41
8	Increased Aggregation Is More Frequently Associated to Human Disease-Associated Mutations Than to Neutral Polymorphisms. <i>PLoS Computational Biology</i> , 2015, 11, e1004374.	3.2	38
9	Molecular Plasticity Regulates Oligomerization and Cytotoxicity of the Multi-peptide-length Amyloid- β Peptide Pool. <i>Journal of Biological Chemistry</i> , 2012, 287, 36732-36743.	3.4	37
10	A Genome-Wide Sequence-Structure Analysis Suggests Aggregation Gatekeepers Constitute an Evolutionary Constrained Functional Class. <i>Journal of Molecular Biology</i> , 2014, 426, 2405-2412.	4.2	35
11	β -Galactosidase Aggregation Is a Determinant of Pharmacological Chaperone Efficacy on Fabry Disease Mutants. <i>Journal of Biological Chemistry</i> , 2012, 287, 28386-28397.	3.4	31
12	Selectivity of Aggregation-Determining Interactions. <i>Journal of Molecular Biology</i> , 2015, 427, 236-247.	4.2	25
13	Sequence-dependent Internalization of Aggregating Peptides. <i>Journal of Biological Chemistry</i> , 2015, 290, 242-258.	3.4	22
14	Solubis: optimize your protein. <i>Bioinformatics</i> , 2015, 31, 2580-2582.	4.1	19
15	Horizontal gene transfer from human host to HIV-1 reverse transcriptase confers drug resistance and partly compensates for replication deficits. <i>Virology</i> , 2014, 456-457, 310-318.	2.4	5
16	Assessing computational predictions of the phenotypic effect of cystathionine- β -synthase variants. <i>Human Mutation</i> , 2019, 40, 1530-1545.	2.5	5