

# Greet De Baets

## List of Publications by Year in descending order

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

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16  
papers

972  
citations

623734

14  
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940533

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16  
times ranked

2086  
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#	ARTICLE	IF	CITATIONS
1	Assessing computational predictions of the phenotypic effect of cystathionine- $\beta$ -synthase variants. <i>Human Mutation</i> , 2019, 40, 1530-1545.	2.5	5
2	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
3	Solubis: a webserver to reduce protein aggregation through mutation. <i>Protein Engineering, Design and Selection</i> , 2016, 29, 285-289.	2.1	51
4	Restricted Location of PSEN2/ $\beta$ -Secretase Determines Substrate Specificity and Generates an Intracellular $A\beta$ Pool. <i>Cell</i> , 2016, 166, 193-208.	28.9	260
5	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
6	Sequence-dependent Internalization of Aggregating Peptides. <i>Journal of Biological Chemistry</i> , 2015, 290, 242-258.	3.4	22
7	Solubis: optimize your protein. <i>Bioinformatics</i> , 2015, 31, 2580-2582.	4.1	19
8	Selectivity of Aggregation-Determining Interactions. <i>Journal of Molecular Biology</i> , 2015, 427, 236-247.	4.2	25
9	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
10	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
11	Predicting aggregation-prone sequences in proteins. <i>Essays in Biochemistry</i> , 2014, 56, 41-52.	4.7	41
12	Molecular Plasticity Regulates Oligomerization and Cytotoxicity of the Multi-peptide-length Amyloid- $\beta$ Peptide Pool. <i>Journal of Biological Chemistry</i> , 2012, 287, 36732-36743.	3.4	37
13	A comparative analysis of the aggregation behavior of amyloid- $\beta$ peptide variants. <i>FEBS Letters</i> , 2012, 586, 4088-4093.	2.8	64
14	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
15	$\beta$ -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
16	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