

# Stefan Kol

## List of Publications by Year in descending order

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17  
papers

817  
citations

687363

13  
h-index

888059

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docs citations

18  
times ranked

1193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution-guided engineering of small-molecule biosensors. <i>Nucleic Acids Research</i> , 2020, 48, e3-e3.	14.5	92
2	Multiplex secretome engineering enhances recombinant protein production and purity. <i>Nature Communications</i> , 2020, 11, 1908.	12.8	63
3	Glyco-engineered CHO cell lines producing alpha-1-antitrypsin and C1 esterase inhibitor with fully humanized N-glycosylation profiles. <i>Metabolic Engineering</i> , 2019, 52, 143-152.	7.0	42
4	Predictive glycoengineering of biosimilars using a Markov chain glycosylation model. <i>Biotechnology Journal</i> , 2017, 12, 1600489.	3.5	28
5	Case study on human $\alpha$ -1-antitrypsin: Recombinant protein titers obtained by commercial ELISA kits are inaccurate. <i>Biotechnology Journal</i> , 2016, 11, 1648-1656.	3.5	6
6	Versatile microscale screening platform for improving recombinant protein productivity in Chinese hamster ovary cells. <i>Scientific Reports</i> , 2015, 5, 18016.	3.3	23
7	Development of a VHH-Based Erythropoietin Quantification Assay. <i>Molecular Biotechnology</i> , 2015, 57, 692-700.	2.4	12
8	One-step generation of triple knockout CHO cell lines using CRISPR/Cas9 and fluorescent enrichment. <i>Biotechnology Journal</i> , 2015, 10, 1446-1456.	3.5	108
9	Heterologous expression and purification of an active human $\text{TRPV}3$ ion channel. <i>FEBS Journal</i> , 2013, 280, 6010-6021.	4.7	6
10	In vitro synthesis and oligomerization of the mechanosensitive channel of large conductance, MscL, into a functional ion channel. <i>FEBS Letters</i> , 2011, 585, 249-254.	2.8	20
11	Metabolomic Characterization of the Salt Stress Response in <i>Streptomyces coelicolor</i> . <i>Applied and Environmental Microbiology</i> , 2010, 76, 2574-2581.	3.1	84
12	Deletion of a regulatory gene within the <i>cpk</i> gene cluster reveals novel antibacterial activity in <i>Streptomyces coelicolor</i> A3(2). <i>Microbiology (United Kingdom)</i> , 2010, 156, 2343-2353.	1.8	143
13	Subunit a of the F1F0 ATP Synthase Requires YidC and SecYEG for Membrane Insertion. <i>Journal of Molecular Biology</i> , 2009, 390, 893-901.	4.2	37
14	The Charge Distribution in the Cytoplasmic Loop of Subunit C of the F1F0 ATPase Is a Determinant for YidC Targeting. <i>Journal of Biological Chemistry</i> , 2008, 283, 9871-9877.	3.4	10
15	Mechanisms of YidC-mediated Insertion and Assembly of Multimeric Membrane Protein Complexes. <i>Journal of Biological Chemistry</i> , 2008, 283, 31269-31273.	3.4	56
16	YidC-mediated Membrane Insertion of Assembly Mutants of Subunit c of the F1F0 ATPase. <i>Journal of Biological Chemistry</i> , 2006, 281, 29762-29768.	3.4	33
17	The Oligomeric Distribution of SecYEG is Altered by SecA and Translocation Ligands. <i>Journal of Molecular Biology</i> , 2005, 354, 258-271.	4.2	49