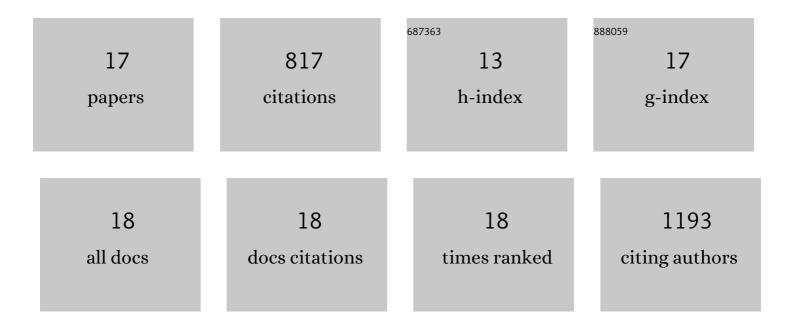
Stefan Kol

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3349806/publications.pdf Version: 2024-02-01



STEEAN KOL

#	Article	IF	CITATIONS
1	Deletion of a regulatory gene within the cpk gene cluster reveals novel antibacterial activity in Streptomyces coelicolor A3(2). Microbiology (United Kingdom), 2010, 156, 2343-2353.	1.8	143
2	Oneâ€step generation of triple knockout CHO cell lines using CRISPR/Cas9 and fluorescent enrichment. Biotechnology Journal, 2015, 10, 1446-1456.	3.5	108
3	Evolution-guided engineering of small-molecule biosensors. Nucleic Acids Research, 2020, 48, e3-e3.	14.5	92
4	Metabolomic Characterization of the Salt Stress Response in <i>Streptomyces coelicolor</i> . Applied and Environmental Microbiology, 2010, 76, 2574-2581.	3.1	84
5	Multiplex secretome engineering enhances recombinant protein production and purity. Nature Communications, 2020, 11, 1908.	12.8	63
6	Mechanisms of YidC-mediated Insertion and Assembly of Multimeric Membrane Protein Complexes. Journal of Biological Chemistry, 2008, 283, 31269-31273.	3.4	56
7	The Oligomeric Distribution of SecYEG is Altered by SecA and Translocation Ligands. Journal of Molecular Biology, 2005, 354, 258-271.	4.2	49
8	Glyco-engineered CHO cell lines producing alpha-1-antitrypsin and C1 esterase inhibitor with fully humanized N-glycosylation profiles. Metabolic Engineering, 2019, 52, 143-152.	7.0	42
9	Subunit a of the F1F0 ATP Synthase Requires YidC and SecYEG for Membrane Insertion. Journal of Molecular Biology, 2009, 390, 893-901.	4.2	37
10	YidC-mediated Membrane Insertion of Assembly Mutants of Subunit c of the F1F0 ATPase. Journal of Biological Chemistry, 2006, 281, 29762-29768.	3.4	33
11	Predictive glycoengineering of biosimilars using a Markov chain glycosylation model. Biotechnology Journal, 2017, 12, 1600489.	3.5	28
12	Versatile microscale screening platform for improving recombinant protein productivity in Chinese hamster ovary cells. Scientific Reports, 2015, 5, 18016.	3.3	23
13	In vitro synthesis and oligomerization of the mechanosensitive channel of large conductance, MscL, into a functional ion channel. FEBS Letters, 2011, 585, 249-254.	2.8	20
14	Development of a VHH-Based Erythropoietin Quantification Assay. Molecular Biotechnology, 2015, 57, 692-700.	2.4	12
15	The Charge Distribution in the Cytoplasmic Loop of Subunit C of the F1F0 ATPase Is a Determinant for YidC Targeting. Journal of Biological Chemistry, 2008, 283, 9871-9877.	3.4	10
16	Heterologous expression and purification of an active human <scp>TRPV</scp> 3 ion channel. FEBS Journal, 2013, 280, 6010-6021.	4.7	6
17	Case study on human α1â€antitrypsin: Recombinant protein titers obtained by commercial ELISA kits are inaccurate. Biotechnology Journal, 2016, 11, 1648-1656.	3.5	6