Tune Wulff

List of Publications by Year
in descending order

46 papers	1,179 citations	448610 19 h-index	466096 32 g-index
51 all docs	51 docs citations	51 times ranked	1902 citing authors

#	Article	IF	Citations
1	Emergence of Phenotypically Distinct Subpopulations Is a Factor in Adaptation of Recombinant Saccharomyces cerevisiae under Glucose-Limited Conditions. Applied and Environmental Microbiology, 2022, 88, e0230721.	1.4	5
2	Compartmentalized Proteomic Profiling Outlines the Crucial Role of the Classical Secretory Pathway during Recombinant Protein Production in Chinese Hamster Ovary Cells. ACS Omega, 2021, 6, 12439-12458.	1.6	9
3	Model-guided dynamic control of essential metabolic nodes boosts acetyl-coenzyme Aâ€“dependent bioproduction in rewired Pseudomonas putida. Metabolic Engineering, 2021, 67, 373-386.	3.6	41
4	Enrichment of microsomes from Chinese hamster ovary cells by subcellular fractionation for its use in proteomic analysis. PLoS ONE, 2020, 15, e0237930.	1.1	4
5	CRISPR interference of nucleotide biosynthesis improves production of a singleâ€domain antibody in Escherichia coli. Biotechnology and Bioengineering, 2020, 117, 3835-3848.	1.7	13
6	Directed Metabolic Pathway Evolution Enables Functional Pterin-Dependent Aromatic-Amino-Acid Hydroxylation in Escherichia coli. ACS Synthetic Biology, 2020, 9, 494-499.	1.9	9
7	Fluctuations in glucose availability prevent global proteome changes and physiological transition during prolonged chemostat cultivations of Saccharomyces cerevisiae. Biotechnology and Bioengineering, 2020, 117, 2074-2088.	1.7	15
8	Multiplex secretome engineering enhances recombinant protein production and purity. Nature Communications, 2020, 11, 1908.	5.8	63
9	Adaptation of hydroxymethylbutenyl diphosphate reductase enables volatile isoprenoid production. ELife, 2020, 9, .	2.8	19
10	CHOmics: A web-based tool for multi-omics data analysis and interactive visualization in CHO cell lines. PLoS Computational Biology, 2020, 16, e1008498.	1.5	4
11	Title is missing!. , 2020, 16, e1008498.		0
12	Title is missing!. , 2020, 16, e1008498.		0
13	Title is missing!. , 2020, 16, e1008498.		0
14	Title is missing!. , 2020, 16, e1008498.		0
15	Title is missing!. , 2020, 16, e1008498.		0
16	Title is missing!. , 2020, 16, e1008498.		0
17	Reprogramming AA catabolism in CHO cells with CRISPR/Cas9 genome editing improves cell growth and reduces byproduct secretion. Metabolic Engineering, 2019, 56, 120-129.	3.6	22
18	Industrializing a Bacterial Strain for <scp>l</scp>-Serine Production through Translation Initiation Optimization. ACS Synthetic Biology, 2019, 8, 2347-2358.	1.9	21

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19	Drug-Driven Phenotypic Convergence Supports Rational Treatment Strategies of Chronic Infections. Cell, 2018, 172, 121-134.e14.	13.5	131
20	Dietary Creatine Supplementation in Gilthead Seabream (Sparus aurata): Comparative Proteomics Analysis on Fish Allergens, Muscle Quality, and Liver. Frontiers in Physiology, 2018, 9, 1844.	1.3	31
21	Muscle Protein Profiles Used for Prediction of Texture of Farmed Salmon (Salmo salar L.). Journal of Agricultural and Food Chemistry, 2017, 65, 3413-3421.	2.4	9
22	Bioactivity of Cod and Chicken Protein Hydrolysates before and after in vitro Gastrointestinal Digestion. Food Technology and Biotechnology, 2017, 55, 360-367.	0.9	3
23	Differentiating samples and experimental protocols by direct comparison of tandem mass spectra. Rapid Communications in Mass Spectrometry, 2016, 30, 731-738.	0.7	4
24	A Consensus Genome-scale Reconstruction of Chinese Hamster Ovary Cell Metabolism. Cell Systems, 2016, 3, 434-443.e8.	2.9	205
25	Nutritional mitigation of winter thermal stress in gilthead seabream: Associated metabolic pathways and potential indicators of nutritional state. Journal of Proteomics, 2016, 142, 1-14.	1.2	36
26	Identification and validation of novel small proteins in Pseudomonas putida. Environmental Microbiology Reports, 2016, 8, 966-974.	1.0	13
27	Predictable tuning of protein expression in bacteria. Nature Methods, 2016, 13, 233-236.	9.0	116
28	Effect ofin vitrodigested cod liver oil of different quality on oxidative, proteomic and inflammatory responses in the yeastSaccharomyces cerevisiaeand human monocyte-derived dendritic cells. Journal of the Science of Food and Agriculture, 2015, 95, 3096-3106.	1.7	8
29	Triton X-114 cloud point extraction to subfractionate blood plasma proteins for two-dimensional gel electrophoresis. Analytical Biochemistry, 2015, 485, 11-17.	1.1	14
30	Dietary Supplementation with Vitamin K Affects Transcriptome and Proteome of Senegalese Sole, Improving Larval Performance and Quality. Marine Biotechnology, 2014, 16, 522-537.	1.1	30
31	Effect of Î±-lactalbumin and Î²-lactoglobulin on the oxidative stability of 10% fish oil-in-water emulsions depends on pH. Food Chemistry, 2013, 141, 574-581.	4.2	10
32	Tissue damage in organic rainbow trout muscle investigated by proteomics and bioinformatics. Proteomics, 2013, 13, 2180-2190.	1.3	0
33	Authentication of Fish Products by Large-Scale Comparison of Tandem Mass Spectra. Journal of Proteome Research, 2013, 12, 5253-5259.	1.8	46
34	Influence of supplemental maslinic acid (olive-derived triterpene) on the post-mortem muscle properties and quality traits of gilthead seabream. Aquaculture, 2013, 396-399, 146-155.	1.7	30
35	KCNK5 is Functionally Down-Regulated Upon Long-Term Hypotonicity in Ehrlich Ascites Tumor Cells. Cellular Physiology and Biochemistry, 2013, 32, 1238-1246.	1.1	5
36	Proteome Analysis of Pyloric Ceca: A Methodology for Fish Feed Development?. Journal of Agricultural and Food Chemistry, 2012, 60, 8457-8464.	2.4	13

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37	Changes in Liver Proteome Expression of Senegalese Sole (Solea senegalensis) in Response to Repeated Handling Stress. Marine Biotechnology, 2012, 14, 714-729.	1.1	41
38	Dietary Tools To Modulate Glycogen Storage in Gilthead Seabream Muscle: Glycerol Supplementation. Journal of Agricultural and Food Chemistry, 2012, 60, 10613-10624.	2.4	31
39	Effects of Preslaughter Stress Levels on the Post-mortem Sarcoplasmic Proteomic Profile of Gilthead Seabream Muscle. Journal of Agricultural and Food Chemistry, 2012, 60, 9443-9453.	2.4	32
40	Time-dependent changes in protein expression in rainbow trout muscle following hypoxia. Journal of Proteomics, 2012, 75, 2342-2351.	1.2	30
41	Long term anoxia in rainbow trout investigated by 2â€ÐDE and MS/MS. Proteomics, 2008, 8, 1009-1018.	1.3	31
42	Comparison of two anoxia models in rainbow trout cells by a 2â€ÐDE and MS/MSâ€Þbased proteome approach. Proteomics, 2008, 8, 2035-2044.	1.3	21
43	Homologous Desensitisation of the Mouse Leukotriene B₄ Receptor Involves Protein Kinase C-Mediated Phosphorylation of Serine 127. Cellular Physiology and Biochemistry, 2007, 20, 143-156.	1.1	5
44	Regulation of the mitogen-activated protein kinase p44 ERK activity during anoxia/recovery in rainbow trout hypodermal fibroblasts. Journal of Experimental Biology, 2006, 209, 1765-1776.	0.8	17
45	Co-expression of mCysLT1 receptors and IK channels in Xenopus laevis oocytes elicits LTD4-stimulated IK current, independent of an increase in [Ca2+]i. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1660, 75-79.	1.4	2
46	Reversibility of exercise-induced translocation of Na+-K+ pump subunits to the plasma membrane in rat skeletal muscle. Pflugers Archiv European Journal of Physiology, 2001, 443, 212-217.	1.3	34