

Tune Wulff

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,179
citations

394421

19
h-index

414414

32
g-index

51
all docs

51
docs citations

51
times ranked

1748
citing authors

#	ARTICLE	IF	CITATIONS
1	A Consensus Genome-scale Reconstruction of Chinese Hamster Ovary Cell Metabolism. <i>Cell Systems</i> , 2016, 3, 434-443.e8.	6.2	205
2	Drug-Driven Phenotypic Convergence Supports Rational Treatment Strategies of Chronic Infections. <i>Cell</i> , 2018, 172, 121-134.e14.	28.9	131
3	Predictable tuning of protein expression in bacteria. <i>Nature Methods</i> , 2016, 13, 233-236.	19.0	116
4	Multiplex secretome engineering enhances recombinant protein production and purity. <i>Nature Communications</i> , 2020, 11, 1908.	12.8	63
5	Authentication of Fish Products by Large-Scale Comparison of Tandem Mass Spectra. <i>Journal of Proteome Research</i> , 2013, 12, 5253-5259.	3.7	46
6	Changes in Liver Proteome Expression of Senegalese Sole (<i>Solea senegalensis</i>) in Response to Repeated Handling Stress. <i>Marine Biotechnology</i> , 2012, 14, 714-729.	2.4	41
7	Model-guided dynamic control of essential metabolic nodes boosts acetyl-coenzyme A-dependent bioproduction in rewired <i>Pseudomonas putida</i> . <i>Metabolic Engineering</i> , 2021, 67, 373-386.	7.0	41
8	Nutritional mitigation of winter thermal stress in gilthead seabream: Associated metabolic pathways and potential indicators of nutritional state. <i>Journal of Proteomics</i> , 2016, 142, 1-14.	2.4	36
9	Reversibility of exercise-induced translocation of Na ⁺ -K ⁺ pump subunits to the plasma membrane in rat skeletal muscle. <i>Pflügers Archiv European Journal of Physiology</i> , 2001, 443, 212-217.	2.8	34
10	Effects of Preslaughter Stress Levels on the Post-mortem Sarcoplasmic Proteomic Profile of Gilthead Seabream Muscle. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 9443-9453.	5.2	32
11	Long term anoxia in rainbow trout investigated by 2D-DE and MS/MS. <i>Proteomics</i> , 2008, 8, 1009-1018.	2.2	31
12	Dietary Tools To Modulate Glycogen Storage in Gilthead Seabream Muscle: Glycerol Supplementation. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 10613-10624.	5.2	31
13	Dietary Creatine Supplementation in Gilthead Seabream (<i>Sparus aurata</i>): Comparative Proteomics Analysis on Fish Allergens, Muscle Quality, and Liver. <i>Frontiers in Physiology</i> , 2018, 9, 1844.	2.8	31
14	Time-dependent changes in protein expression in rainbow trout muscle following hypoxia. <i>Journal of Proteomics</i> , 2012, 75, 2342-2351.	2.4	30
15	Influence of supplemental maslinic acid (olive-derived triterpene) on the post-mortem muscle properties and quality traits of gilthead seabream. <i>Aquaculture</i> , 2013, 396-399, 146-155.	3.5	30
16	Dietary Supplementation with Vitamin K Affects Transcriptome and Proteome of Senegalese Sole, Improving Larval Performance and Quality. <i>Marine Biotechnology</i> , 2014, 16, 522-537.	2.4	30
17	Reprogramming AA catabolism in CHO cells with CRISPR/Cas9 genome editing improves cell growth and reduces byproduct secretion. <i>Metabolic Engineering</i> , 2019, 56, 120-129.	7.0	22
18	Comparison of two anoxia models in rainbow trout cells by a 2D-DE and MS/MS-based proteome approach. <i>Proteomics</i> , 2008, 8, 2035-2044.	2.2	21

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19	Industrializing a Bacterial Strain for <i>scp</i> -Serine Production through Translation Initiation Optimization. <i>ACS Synthetic Biology</i> , 2019, 8, 2347-2358.	3.8	21
20	Adaptation of hydroxymethylbutenyl diphosphate reductase enables volatile isoprenoid production. <i>ELife</i> , 2020, 9, .	6.0	19
21	Regulation of the mitogen-activated protein kinase p44 ERK activity during anoxia/recovery in rainbow trout hypodermal fibroblasts. <i>Journal of Experimental Biology</i> , 2006, 209, 1765-1776.	1.7	17
22	Fluctuations in glucose availability prevent global proteome changes and physiological transition during prolonged chemostat cultivations of <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2020, 117, 2074-2088.	3.3	15
23	Triton X-114 cloud point extraction to subfractionate blood plasma proteins for two-dimensional gel electrophoresis. <i>Analytical Biochemistry</i> , 2015, 485, 11-17.	2.4	14
24	Proteome Analysis of Pyloric Ceca: A Methodology for Fish Feed Development?. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8457-8464.	5.2	13
25	Identification and validation of novel small proteins in <i>Pseudomonas putida</i> . <i>Environmental Microbiology Reports</i> , 2016, 8, 966-974.	2.4	13
26	CRISPR interference of nucleotide biosynthesis improves production of a single domain antibody in <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2020, 117, 3835-3848.	3.3	13
27	Effect of α -lactalbumin and β -lactoglobulin on the oxidative stability of 10% fish oil-in-water emulsions depends on pH. <i>Food Chemistry</i> , 2013, 141, 574-581.	8.2	10
28	Muscle Protein Profiles Used for Prediction of Texture of Farmed Salmon (<i>Salmo salar</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3413-3421.	5.2	9
29	Directed Metabolic Pathway Evolution Enables Functional Pterin-Dependent Aromatic-Amino-Acid Hydroxylation in <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2020, 9, 494-499.	3.8	9
30	Compartmentalized Proteomic Profiling Outlines the Crucial Role of the Classical Secretory Pathway during Recombinant Protein Production in Chinese Hamster Ovary Cells. <i>ACS Omega</i> , 2021, 6, 12439-12458.	3.5	9
31	Effect of <i>in vitro</i> digested cod liver oil of different quality on oxidative, proteomic and inflammatory responses in the yeast <i>Saccharomyces cerevisiae</i> and human monocyte-derived dendritic cells. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 3096-3106.	3.5	8
32	Homologous Desensitisation of the Mouse Leukotriene B ₄ Receptor Involves Protein Kinase C-Mediated Phosphorylation of Serine 127. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 143-156.	1.6	5
33	KCNK5 is Functionally Down-Regulated Upon Long-Term Hypotonicity in Ehrlich Ascites Tumor Cells. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 1238-1246.	1.6	5
34	Emergence of Phenotypically Distinct Subpopulations Is a Factor in Adaptation of Recombinant <i>Saccharomyces cerevisiae</i> under Glucose-Limited Conditions. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0230721.	3.1	5
35	Differentiating samples and experimental protocols by direct comparison of tandem mass spectra. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 731-738.	1.5	4
36	Enrichment of microsomes from Chinese hamster ovary cells by subcellular fractionation for its use in proteomic analysis. <i>PLoS ONE</i> , 2020, 15, e0237930.	2.5	4

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37	CHOmics: A web-based tool for multi-omics data analysis and interactive visualization in CHO cell lines. PLoS Computational Biology, 2020, 16, e1008498.	3.2	4
38	Bioactivity of Cod and Chicken Protein Hydrolysates before and after in vitro Gastrointestinal Digestion. Food Technology and Biotechnology, 2017, 55, 360-367.	2.1	3
39	Co-expression of mCysLT1 receptors and IK channels in <i>Xenopus laevis</i> oocytes elicits LTD4-stimulated IK current, independent of an increase in $[Ca^{2+}]_i$. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1660, 75-79.	2.6	2
40	Tissue damage in organic rainbow trout muscle investigated by proteomics and bioinformatics. Proteomics, 2013, 13, 2180-2190.	2.2	0
41	Title is missing!. , 2020, 16, e1008498.		0
42	Title is missing!. , 2020, 16, e1008498.		0
43	Title is missing!. , 2020, 16, e1008498.		0
44	Title is missing!. , 2020, 16, e1008498.		0
45	Title is missing!. , 2020, 16, e1008498.		0
46	Title is missing!. , 2020, 16, e1008498.		0