

Ghasem H Salekdeh

List of Publications by Year in descending order

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Version: 2024-02-01

244
papers

13,930
citations

31976

53
h-index

27406

106
g-index

259
all docs

259
docs citations

259
times ranked

22196
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic Effect of Metagenome-Derived Starch-Degrading Enzymes on Quality of Functional Bread with Antioxidant Activity. <i>Starch/Staerke</i> , 2022, 74, 2100098.	2.1	8
2	Pinpointing genomic regions associated with root system architecture in rice through an integrative meta-analysis approach. <i>Theoretical and Applied Genetics</i> , 2022, 135, 81-106.	3.6	14
3	Proteomics study reveals the molecular mechanisms underlying cryotolerance induced by mild sublethal stress in human sperm. <i>Cell and Tissue Research</i> , 2022, 387, 143-157.	2.9	9
4	In vitro bioprocessing of corn as poultry feed additive by the influence of carbohydrate hydrolyzing metagenome derived enzyme cocktail. <i>Scientific Reports</i> , 2022, 12, 405.	3.3	6
5	Efficient saccharification of ionic liquid-pretreated rice straw in a one-pot system using novel metagenomics derived cellulases. <i>Bioresource Technology</i> , 2022, 345, 126536.	9.6	22
6	Simultaneous hydrolysis of various protein-rich industrial wastes by a naturally evolved protease from tannery wastewater microbiota. <i>Science of the Total Environment</i> , 2022, 815, 152796.	8.0	17
7	Y chromosome is moving out of sex determination shadow. <i>Cell and Bioscience</i> , 2022, 12, 4.	4.8	5
8	A computational learning paradigm to targeted discovery of biocatalysts from metagenomic data: A case study of lipase identification. <i>Biotechnology and Bioengineering</i> , 2022, 119, 1115-1128.	3.3	13
9	Highly efficient removal of dyes from wastewater using nanocellulose from quinoa husk as a carrier for immobilization of laccase. <i>Bioresource Technology</i> , 2022, 349, 126833.	9.6	54
10	Genome-Wide Expression Analysis of Root Tips in Contrasting Rice Genotypes Revealed Novel Candidate Genes for Water Stress Adaptation. <i>Frontiers in Plant Science</i> , 2022, 13, 792079.	3.6	10
11	Changes in root microbiome during wheat evolution. <i>BMC Microbiology</i> , 2022, 22, 64.	3.3	12
12	Key Genes and Biochemical Networks in Various Brain Regions Affected in Alzheimer's Disease. <i>Cells</i> , 2022, 11, 987.	4.1	16
13	The novel homologue of the human α -glucosidase inhibited by the non-germinated and germinated quinoa protein hydrolysates after in vitro gastrointestinal digestion. <i>Journal of Food Biochemistry</i> , 2022, 46, e14030.	2.9	7
14	Enzymatically triggered delignification through a novel stable laccase: A mixed in-silico /in-vitro exploration of a complex environmental microbiota. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 328-341.	7.5	9
15	BMP4 signaling plays critical roles in self-renewal of R2i mouse embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2022, 617, 8-15.	2.1	1
16	Y Chromosome Genes May Play Roles in the Development of Neural Rosettes from Human Embryonic Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 3008-3020.	3.8	2
17	Functional and phylogenetic analyses of camel rumen microbiota associated with different lignocellulosic substrates. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, .	6.4	15
18	Defining microRNA signatures of hair follicular stem and progenitor cells in healthy and androgenic alopecia patients. <i>Journal of Dermatological Science</i> , 2021, 101, 49-57.	1.9	15

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19	A genomic catalog of Earth's microbiomes. <i>Nature Biotechnology</i> , 2021, 39, 499-509.	17.5	457
20	The quest of cell surface markers for stem cell therapy. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 469-495.	5.4	12
21	Retinal changes in Alzheimer's disease" integrated prospects of imaging, functional and molecular advances. <i>Progress in Retinal and Eye Research</i> , 2021, 82, 100899.	15.5	71
22	Application of the immobilized enzyme on magnetic graphene oxide nano-carrier as a versatile bi-functional tool for efficient removal of dye from water. <i>Bioresource Technology</i> , 2021, 319, 124228.	9.6	73
23	Metagenomic analysis reveals a dynamic microbiome with diversified adaptive functions to utilize high lignocellulosic forages in the cattle rumen. <i>ISME Journal</i> , 2021, 15, 1108-1120.	9.8	87
24	Whole-Genome Resequencing Reveals Adaptation Prior to the Divergence of Buffalo Subspecies. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	4
25	Immobilization of enzyme cocktails on dopamine functionalized magnetic cellulose nanocrystals to enhance sugar bioconversion: A biomass reusing loop. <i>Carbohydrate Polymers</i> , 2021, 256, 117511.	10.2	37
26	A generalized machine-learning aided method for targeted identification of industrial enzymes from metagenome: A xylanase temperature dependence case study. <i>Biotechnology and Bioengineering</i> , 2021, 118, 759-769.	3.3	19
27	Diversity of microbes colonizing forages of varying lignocellulose properties in the sheep rumen. <i>PeerJ</i> , 2021, 9, e10463.	2.0	18
28	Inner retinal injury in experimental glaucoma is prevented upon AAV mediated Shp2 silencing in a caveolin dependent manner. <i>Theranostics</i> , 2021, 11, 6154-6172.	10.0	12
29	Upgrading the enzymatic hydrolysis of lignocellulosic biomass by immobilization of metagenome-derived novel halotolerant cellulase on the carboxymethyl cellulose-based hydrogel. <i>Cellulose</i> , 2021, 28, 3485-3503.	4.9	24
30	Bi-functionalized aminoguanidine-PEGylated periodic mesoporous organosilica nanoparticles: a promising nanocarrier for delivery of Cas9-sgRNA ribonucleoproteine. <i>Journal of Nanobiotechnology</i> , 2021, 19, 95.	9.1	9
31	Mouse model of Alzheimer's disease demonstrates differential effects of early disease pathology on various brain regions. <i>Proteomics</i> , 2021, 21, e2000213.	2.2	5
32	Biophysical, Rheological, and Functional Properties of Complex of Sodium Caseinate and Olive Leaf Aqueous Polyphenolic Extract Obtained Using Ultrasound-Assisted Extraction. <i>Food Biophysics</i> , 2021, 16, 325-336.	3.0	13
33	In-silico discovery of bifunctional enzymes with enhanced lignocellulose hydrolysis from microbiota big data. <i>International Journal of Biological Macromolecules</i> , 2021, 177, 211-220.	7.5	20
34	Root endophytic fungus <i>Serendipita indica</i> modulates barley leaf blade proteome by increasing the abundance of photosynthetic proteins in response to salinity. <i>Journal of Applied Microbiology</i> , 2021, 131, 1870-1889.	3.1	15
35	Mitochondrial dysfunction in Alzheimer's disease - a proteomics perspective. <i>Expert Review of Proteomics</i> , 2021, 18, 295-304.	3.0	27
36	Highly Efficient Computationally Derived Novel Metagenome -Amylase With Robust Stability Under Extreme Denaturing Conditions. <i>Frontiers in Microbiology</i> , 2021, 12, 713125.	3.5	7

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37	A Proteomic View of Cellular and Molecular Effects of Cannabis. <i>Biomolecules</i> , 2021, 11, 1411.	4.0	11
38	Efficient removal of various textile dyes from wastewater by novel thermo-halotolerant laccase. <i>Bioresource Technology</i> , 2021, 337, 125468.	9.6	37
39	Application of free and immobilized novel bifunctional biocatalyst in biotransformation of recalcitrant lignocellulosic biomass. <i>Chemosphere</i> , 2021, 285, 131412.	8.2	12
40	Zeolite-based nanocomposite as a smart pH-sensitive nanovehicle for release of xylanase as poultry feed supplement. <i>Scientific Reports</i> , 2021, 11, 21386.	3.3	5
41	The Contribution of Y Chromosome Genes to Spontaneous Differentiation of Human Embryonic Stem Cells into Embryoid Bodies. <i>Cell Journal</i> , 2021, 23, 40-50.	0.2	1
42	Comparative Analysis of Aducanumab, Zagotenemab and Pioglitazone as Targeted Treatment Strategies for Alzheimer's Disease. , 2021, 12, 1964.		35
43	Transcriptomic and Metabolomic Analyses Reveal Inhibition of Hepatic Adipogenesis and Fat Catabolism in Yak for Adaptation to Forage Shortage During Cold Season. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 759521.	3.7	5
44	Proteomic and metabolomic analysis of desiccation tolerance in wheat young seedlings. <i>Plant Physiology and Biochemistry</i> , 2020, 146, 349-362.	5.8	13
45	Differential adaptation strategies to different levels of soil water deficit in two upland and lowland genotypes of rice: a physiological and metabolic approach. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 1458-1469.	3.5	5
46	Stable cellulase immobilized on graphene oxide@CMC-g-poly(AMPS-co-AAm) hydrogel for enhanced enzymatic hydrolysis of lignocellulosic biomass. <i>Carbohydrate Polymers</i> , 2020, 230, 115661.	10.2	55
47	An efficient nano-biocatalyst for lignocellulosic biomass hydrolysis: Xylanase immobilization on organically modified biogenic mesoporous silica nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3462-3473.	7.5	38
48	A novel high performance in-silico screened metagenome-derived alkali-thermostable endo- β -1,4-glucanase for lignocellulosic biomass hydrolysis in the harsh conditions. <i>BMC Biotechnology</i> , 2020, 20, 56.	3.3	37
49	A novel metagenome-derived thermostable and poultry feed compatible α -amylase with enhanced biodegradation properties. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2124-2133.	7.5	24
50	MCIC: Automated Identification of Cellulases From Metagenomic Data and Characterization Based on Temperature and pH Dependence. <i>Frontiers in Microbiology</i> , 2020, 11, 567863.	3.5	18
51	Retinal proteomics of experimental glaucoma model reveal intraocular pressure-induced mediators of neurodegenerative changes. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4931-4944.	2.6	21
52	Recent Advances of Functional Proteomics in Gastrointestinal Cancers- a Path towards the Identification of Candidate Diagnostic, Prognostic, and Therapeutic Molecular Biomarkers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8532.	4.1	13
53	A Novel High Glucose-Tolerant β -Glucosidase: Targeted Computational Approach for Metagenomic Screening. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 813.	4.1	38
54	The Stabilizing Mechanism of Immobilized Metagenomic Xylanases on Bio-Based Hydrogels to Improve Utilization Performance: Computational and Functional Perspectives. <i>Bioconjugate Chemistry</i> , 2020, 31, 2158-2171.	3.6	23

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55	The Dynamic Proteome of Oligodendrocyte Lineage Differentiation Features Planar Cell Polarity and Macroautophagy Pathways. <i>GigaScience</i> , 2020, 9, .	6.4	10
56	Proteome analysis of endometrial tissue from patients with PCOS reveals proteins predicted to impact the disease. <i>Molecular Biology Reports</i> , 2020, 47, 8763-8774.	2.3	8
57	Human Proteome Project and Human Pluripotent Stem Cells: Odd Bedfellows or a Perfect Match?. <i>Journal of Proteome Research</i> , 2020, 19, 4747-4753.	3.7	2
58	Plant isomiRs: origins, biogenesis, and biological functions. <i>Genomics</i> , 2020, 112, 3382-3395.	2.9	12
59	A novel thermostable cellulase cocktail enhances lignocellulosic bioconversion and biorefining in a broad range of pH. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 349-360.	7.5	47
60	Co-abundance analysis reveals hidden players associated with high methane yield phenotype in sheep rumen microbiome. <i>Scientific Reports</i> , 2020, 10, 4995.	3.3	16
61	Proteomic analysis of wheat contrasting genotypes reveals the interplay between primary metabolic and regulatory pathways in anthers under drought stress. <i>Journal of Proteomics</i> , 2020, 226, 103895.	2.4	7
62	SOX2 protein transduction directly converts human fibroblasts into oligodendrocyte-like cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 1-7.	2.1	5
63	Temporal changes in microbial communities attached to forages with different lignocellulosic compositions in cattle rumen. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	32
64	Proteomics Analysis of Trastuzumab Toxicity in the H9c2 Cardiomyoblast Cell Line and its Inhibition by Carvedilol. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 1377-1385.	1.6	1
65	200+ Protein Concentrations in Healthy Human Blood Plasma: Targeted Quantitative SRM SIS Screening of Chromosomes 18, 13, Y, and the Mitochondrial Chromosome Encoded Proteome. <i>Journal of Proteome Research</i> , 2019, 18, 120-129.	3.7	17
66	Transcriptomic analysis of <i>Aegilops tauschii</i> during long-term salinity stress. <i>Functional and Integrative Genomics</i> , 2019, 19, 13-28.	3.5	30
67	Down-Regulation of a Male-Specific H3K4 Demethylase, <i>KDM5D</i> , Impairs Cardiomyocyte Differentiation. <i>Journal of Proteome Research</i> , 2019, 18, 4277-4282.	3.7	15
68	Inhibition of Human Y Chromosome Gene, <i>SRY</i> , Promotes Na ⁺ -ve State of Human Pluripotent Stem Cells. <i>Journal of Proteome Research</i> , 2019, 18, 4254-4261.	3.7	5
69	Upregulation of Proteolytic Pathways and Altered Protein Biosynthesis Underlie Retinal Pathology in a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2019, 56, 6017-6034.	4.0	41
70	Plant-Microbe Symbiosis: What Has Proteomics Taught Us?. <i>Proteomics</i> , 2019, 19, e1800105.	2.2	22
71	Application of carboxymethyl cellulose-g-poly(acrylic acid-co-acrylamide) hydrogel sponges for improvement of efficiency, reusability and thermal stability of a recombinant xylanase. <i>Chemical Engineering Journal</i> , 2019, 375, 122022.	12.7	44
72	Abiotic stress responsive microRNome and proteome: How correlated are they?. <i>Environmental and Experimental Botany</i> , 2019, 165, 150-160.	4.2	4

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73	Salinity-associated microRNAs and their potential roles in mediating salt tolerance in rice colonized by the endophytic root fungus <i>Piriformospora indica</i> . <i>Functional and Integrative Genomics</i> , 2019, 19, 659-672.	3.5	42
74	Amyloid β Induces Early Changes in the Ribosomal Machinery, Cytoskeletal Organization and Oxidative Phosphorylation in Retinal Photoreceptor Cells. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 24.	2.9	28
75	Mining of camel rumen metagenome to identify novel alkali-thermostable xylanase capable of enhancing the recalcitrant lignocellulosic biomass conversion. <i>Bioresource Technology</i> , 2019, 281, 343-350.	9.6	42
76	The Quest for Missing Proteins in Rice. <i>Molecular Plant</i> , 2019, 12, 4-6.	8.3	8
77	Preconditioning of sperm with sublethal nitrosative stress: a novel approach to improve frozen-thawed sperm function. <i>Reproductive BioMedicine Online</i> , 2019, 38, 413-425.	2.4	14
78	Loss of Shp2 Rescues BDNF/TrkB Signaling and Contributes to Improved Retinal Ganglion Cell Neuroprotection. <i>Molecular Therapy</i> , 2019, 27, 424-441.	8.2	39
79	Identification and characterization of a novel thermostable xylanase from camel rumen metagenome. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 1295-1302.	7.5	48
80	The comparative analysis of phenotypic and whole transcriptome gene expression data of ascites susceptible versus ascites resistant chickens. <i>Molecular Biology Reports</i> , 2019, 46, 793-804.	2.3	2
81	Root endophytic fungus <i>Piriformospora indica</i> improves drought stress adaptation in barley by metabolic and proteomic reprogramming. <i>Environmental and Experimental Botany</i> , 2019, 157, 197-210.	4.2	80
82	The impact of slaughtering methods on physicochemical characterization of sheep myoglobin. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 315-324.	2.2	4
83	Upstream Regulatory Elements, Potential Targets and Expression Patterns of Three Drought Responsive miRNAs in Two Grapevine Cultivars. <i>Plant Genetic Researches</i> , 2019, 6, 115-126.	0.1	0
84	Prospective Isolation of ISL1+ Cardiac Progenitors from Human ESCs for Myocardial Infarction Therapy. <i>Stem Cell Reports</i> , 2018, 10, 848-859.	4.8	23
85	A cold-adapted endoglucanase from camel rumen with high catalytic activity at moderate and low temperatures: an anomaly of truly cold-adapted evolution in a mesophilic environment. <i>Extremophiles</i> , 2018, 22, 315-326.	2.3	16
86	MicroRNA-340 inhibits the proliferation and promotes the apoptosis of colon cancer cells by modulating REV3L. <i>Oncotarget</i> , 2018, 9, 5155-5168.	1.8	18
87	MicroRNA network analysis and target genes associated with human sperm cryopreservation. <i>Cryobiology</i> , 2018, 85, 122-123.	0.7	0
88	Launching the C-HPP neXt-CP50 Pilot Project for Functional Characterization of Identified Proteins with No Known Function. <i>Journal of Proteome Research</i> , 2018, 17, 4042-4050.	3.7	41
89	Surface markers of human embryonic stem cells: a meta analysis of membrane proteomics reports. <i>Expert Review of Proteomics</i> , 2018, 15, 911-922.	3.0	8
90	A computational method for prediction of xylanase enzymes activity in strains of <i>Bacillus subtilis</i> based on pseudo amino acid composition features. <i>PLoS ONE</i> , 2018, 13, e0205796.	2.5	23

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91	The Art of Validating Quantitative Proteomics Data. <i>Proteomics</i> , 2018, 18, e1800222.	2.2	25
92	Distribution and development of molecularly distinct perineuronal nets in visual thalamus. <i>Journal of Neurochemistry</i> , 2018, 147, 626-646.	3.9	23
93	Subcellular Proteome Landscape of Human Embryonic Stem Cells Revealed Missing Membrane Proteins. <i>Journal of Proteome Research</i> , 2018, 17, 4138-4151.	3.7	19
94	Discovery of Novel Cell Surface Markers for Purification of Embryonic Dopamine Progenitors for Transplantation in Parkinson's Disease Animal Models. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1670-1684.	3.8	23
95	A metagenomic analysis of the camel rumen's microbiome identifies the major microbes responsible for lignocellulose degradation and fermentation. <i>Biotechnology for Biofuels</i> , 2018, 11, 216.	6.2	96
96	Mining alfalfa (<i>Medicago sativa</i> L.) nodules for salinity tolerant non-rhizobial bacteria to improve growth of alfalfa under salinity stress. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 129-138.	6.0	66
97	Distinct changes in the proteome profile of endometrial tissues in polycystic ovary syndrome compared with healthy fertile women. <i>Reproductive BioMedicine Online</i> , 2018, 37, 184-200.	2.4	30
98	Metabolic Signature of Pluripotent Stem Cells. <i>Cell Journal</i> , 2018, 20, 388-395.	0.2	6
99	Advanced glycation end-products produced systemically and by macrophages: A common contributor to inflammation and degenerative diseases. , 2017, 177, 44-55.		232
100	Quantitative proteomic analysis of human testis reveals system-wide molecular and cellular pathways associated with non-obstructive azoospermia. <i>Journal of Proteomics</i> , 2017, 162, 141-154.	2.4	24
101	Proteome analysis of human embryonic stem cells organelles. <i>Journal of Proteomics</i> , 2017, 162, 108-118.	2.4	12
102	Transient Activation of Reprogramming Transcription Factors Using Protein Transduction Facilitates Conversion of Human Fibroblasts Toward Cardiomyocyte-Like Cells. <i>Molecular Biotechnology</i> , 2017, 59, 207-220.	2.4	13
103	Machine Learning and Network Analysis of Molecular Dynamics Trajectories Reveal Two Chains of Red/Ox-specific Residue Interactions in Human Protein Disulfide Isomerase. <i>Scientific Reports</i> , 2017, 7, 3666.	3.3	33
104	Drought responsive microRNAs in two barley cultivars differing in their level of sensitivity to drought stress. <i>Plant Physiology and Biochemistry</i> , 2017, 118, 121-129.	5.8	37
105	The contrasting microRNA content of a drought tolerant and a drought susceptible wheat cultivar. <i>Journal of Plant Physiology</i> , 2017, 216, 35-43.	3.5	45
106	Data for whole and mitochondrial proteome of human embryonic stem cells. <i>Data in Brief</i> , 2017, 13, 371-376.	1.0	2
107	Red/ox states of human protein disulfide isomerase regulate binding affinity of 17 beta-estradiol. <i>Archives of Biochemistry and Biophysics</i> , 2017, 619, 35-44.	3.0	4
108	Drought tolerance in four-day-old seedlings of a drought-sensitive cultivar of wheat. <i>Journal of Plant Nutrition</i> , 2017, 40, 574-583.	1.9	9

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109	Cold-induced physiological and biochemical responses of three grapevine cultivars differing in cold tolerance. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	21
110	Age-related neurodegenerative disease associated pathways identified in retinal and vitreous proteome from human glaucoma eyes. <i>Scientific Reports</i> , 2017, 7, 12685.	3.3	105
111	Low Focal Adhesion Signaling Promotes Ground State Pluripotency of Mouse Embryonic Stem Cells. <i>Journal of Proteome Research</i> , 2017, 16, 3585-3595.	3.7	23
112	Y Chromosome Missing Protein, TBL1Y, May Play an Important Role in Cardiac Differentiation. <i>Journal of Proteome Research</i> , 2017, 16, 4391-4402.	3.7	36
113	Chromosome-Centric Human Proteome Project Allies with Developmental Biology: A Case Study of the Role of Y Chromosome Genes in Organ Development. <i>Journal of Proteome Research</i> , 2017, 16, 4259-4272.	3.7	18
114	The dynamics of the bacterial communities developed in maize silage. <i>Microbial Biotechnology</i> , 2017, 10, 1663-1676.	4.2	77
115	MicroRNAs regulate the main events in rice drought stress response by manipulating the water supply to shoots. <i>Molecular BioSystems</i> , 2017, 13, 2289-2302.	2.9	11
116	Small RNA Sequencing Reveals Dlk1-Dio3 Locus-Embedded MicroRNAs as Major Drivers of Ground-State Pluripotency. <i>Stem Cell Reports</i> , 2017, 9, 2081-2096.	4.8	45
117	A Proteomics Approach to Discover Drought Tolerance Proteins in Wheat Pollen Grain at Meiosis Stage. <i>Protein and Peptide Letters</i> , 2016, 24, 26-36.	0.9	11
118	The suitability of some blood gas and biochemical parameters as diagnostic tools or early indicators of ascites syndrome in broiler sire lines. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2016, 100, 456-463.	2.2	4
119	Proteome Analysis of Ground State Pluripotency. <i>Scientific Reports</i> , 2016, 5, 17985.	3.3	31
120	Proteomics in Detection of Contaminations and Adulterations in Agricultural Foodstuffs. , 2016, , 67-85.		0
121	Holistic Sequencing: Moving Forward from Plant Microbial Proteomics to Metaproteomics. , 2016, , 87-103.		2
122	Insight into Physiological, Molecular, and Proteomic Changes Associated with Phytoplasma Infection in Crop Plants. , 2016, , 251-265.		2
123	Insect Pest Proteomics and Its Potential Application in Pest Control Management. , 2016, , 267-287.		3
124	Proteomic Analysis of Crop Plants Under Low Temperature: A Review of Cold Responsive Proteins. , 2016, , 97-127.		5
125	Applications of Quantitative Proteomics in Plant Research. , 2016, , 1-29.		5
126	Nesterenkonia sp. strain F, a halophilic bacterium producing acetone, butanol and ethanol under aerobic conditions. <i>Scientific Reports</i> , 2016, 6, 18408.	3.3	27

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127	IMG/VR: a database of cultured and uncultured DNA Viruses and retroviruses. <i>Nucleic Acids Research</i> , 2016, 45, D457-D465.	14.5	177
128	Two-dimensional blue native/SDS-PAGE analysis of whole cell lysate protein complexes of rice in response to salt stress. <i>Journal of Plant Physiology</i> , 2016, 200, 90-101.	3.5	8
129	PlantPReS: A database for plant proteome response to stress. <i>Journal of Proteomics</i> , 2016, 143, 69-72.	2.4	37
130	Metabolic and transcriptional response of central metabolism affected by root endophytic fungus <i>Piriformospora indica</i> under salinity in barley. <i>Plant Molecular Biology</i> , 2016, 90, 699-717.	3.9	73
131	Comparative genome analysis of <i>Oceanimonas</i> sp. GK1, a halotolerant bacterium with considerable xenobiotics degradation potentials. <i>Annals of Microbiology</i> , 2016, 66, 703-716.	2.6	5
132	MicroRNA Signatures of Drought Signaling in Rice Root. <i>PLoS ONE</i> , 2016, 11, e0156814.	2.5	56
133	In-Depth Transcriptome Sequencing of Mexican Lime Trees Infected with Candidatus <i>Phytoplasma aurantifolia</i> . <i>PLoS ONE</i> , 2015, 10, e0130425.	2.5	39
134	Proteomics of Important Food Crops in the Asia Oceania Region: Current Status and Future Perspectives. <i>Journal of Proteome Research</i> , 2015, 14, 2723-2744.	3.7	16
135	Investigation of a Hot-Spring Extremophilic <i>Ureibacillus thermosphaericus</i> Strain Thermo-BF for Extracellular Biosynthesis of Functionalized Gold Nanoparticles. <i>BioNanoScience</i> , 2015, 5, 233-241.	3.5	11
136	Influence of Ascites Syndrome on Growth Pattern of Chickens Reared at Normal or Cold Ambient Temperature. <i>Annals of Animal Science</i> , 2015, 15, 373-385.	1.6	5
137	Two Splice Variants of Y Chromosome-Located Lysine-Specific Demethylase 5D Have Distinct Function in Prostate Cancer Cell Line (DU-145). <i>Journal of Proteome Research</i> , 2015, 14, 3492-3502.	3.7	35
138	<i>DDX3Y</i> , a Male-Specific Region of Y Chromosome Gene, May Modulate Neuronal Differentiation. <i>Journal of Proteome Research</i> , 2015, 14, 3474-3483.	3.7	61
139	Isoform-Level Gene Expression Profiles of Human Y Chromosome Azoospermia Factor Genes and Their X Chromosome Paralogs in the Testicular Tissue of Non-Obstructive Azoospermia Patients. <i>Journal of Proteome Research</i> , 2015, 14, 3595-3605.	3.7	35
140	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2015, 14, 3415-3431.	3.7	53
141	Cellular and Molecular Characterization of Human Cardiac Stem Cells Reveals Key Features Essential for Their Function and Safety. <i>Stem Cells and Development</i> , 2015, 24, 1390-1404.	2.1	18
142	Comparative proteomic and physiological characterisation of two closely related rice genotypes with contrasting responses to salt stress. <i>Functional Plant Biology</i> , 2015, 42, 527.	2.1	20
143	Direct conversion of human fibroblasts into dopaminergic neural progenitor-like cells using TAT-mediated protein transduction of recombinant factors. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 655-661.	2.1	22
144	Reference genome of wild goat (<i>capra aegagrus</i>) and sequencing of goat breeds provide insight into genic basis of goat domestication. <i>BMC Genomics</i> , 2015, 16, 431.	2.8	103

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145	Data in support of comparative physiology and proteomic analysis of two wheat genotypes contrasting in drought tolerance. <i>Data in Brief</i> , 2015, 2, 26-28.	1.0	5
146	Comparative proteomic analysis of tobacco expressing cyanobacterial flavodoxin and its wild type under drought stress. <i>Journal of Plant Physiology</i> , 2015, 175, 48-58.	3.5	35
147	In-depth diversity analysis of the bacterial community resident in the camel rumen. <i>Systematic and Applied Microbiology</i> , 2015, 38, 67-76.	2.8	92
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