Abdul R Asif

List of Publications by Year
in descending order

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76 papers	2,260 citations	201674 27 h-index	243625 44 g-index
78 all docs	78 docs citations	78 times ranked	4063 citing authors

#	Article	IF	Citations
1	Gender differences in kidney function. Pflugers Archiv European Journal of Physiology, 2007, 455, 397-429.	2.8	188
2	Proteome of Conidial Surface Associated Proteins ofAspergillusfumigatusReflecting Potential Vaccine Candidates and Allergens. Journal of Proteome Research, 2006, 5, 954-962.	3.7	113
3	Characterization of Diabetic Nephropathy by Urinary Proteomic Analysis: Identification of a Processed Ubiquitin Form as a Differentially Excreted Protein in Diabetic Nephropathy Patients. Clinical Chemistry, 2007, 53, 1636-1645.	3.2	108
4	Proteomic Analysis of Cellular Response to Osmotic Stress in Thick Ascending Limb of Henleâ€™s Loop (TALH) Cells. Molecular and Cellular Proteomics, 2005, 4, 1445-1458.	3.8	87
5	Preexisting Serum Autoantibodies Against the NMDAR Subunit NR1 Modulate Evolution of Lesion Size in Acute Ischemic Stroke. Stroke, 2015, 46, 1180-1186.	2.0	79
6	Differential S-nitrosylation of proteins in Alzheimerâ€™s disease. Neuroscience, 2014, 256, 126-136.	2.3	75
7	The brain as immunoprecipitator of serum autoantibodies against Nâ€Methylâ€Dâ€aspartate receptor subunit NR1. Annals of Neurology, 2016, 79, 144-151.	5.3	75
8	Expression of chloride intracellular channel protein 1 (CLIC1) and tumor protein D52 (TPD52) as potential biomarkers for colorectal cancer. Clinical Biochemistry, 2008, 41, 1224-1236.	1.9	73
9	Proteome analysis of sugar beet (Beta vulgaris L.) elucidates constitutive adaptation during the first phase of salt stress. Journal of Plant Physiology, 2011, 168, 519-526.	3.5	72
10	Identification of Novel Autoantigen in the Synovial Fluid of Rheumatoid Arthritis Patients Using an Immunoproteomics Approach. PLoS ONE, 2013, 8, e56246.	2.5	70
11	Sedolisins, a New Class of Secreted Proteases from Aspergillus fumigatus with Endoprotease or Tripeptidyl-Peptidase Activity at Acidic pHs. Applied and Environmental Microbiology, 2006, 72, 1739-1748.	3.1	67
12	ERP57 secretion is important for extracellular matrix accumulation and renal fibrosis progression and is an earlier sign of disease onset. Journal of Cell Science, 2013, 126, 3649-63.	2.0	66
13	Proteomics Approach to Identify the Interacting Partners of Cellular Prion Protein and Characterization of Rab7a Interaction in Neuronal Cells. Journal of Proteome Research, 2011, 10, 3123-3135.	3.7	48
14	Transcriptional Regulators of Claudins in Epithelial Tight Junctions. Mediators of Inflammation, 2015, 2015, 1-6.	3.0	48
15	Immuno-Reactive Molecules Identified from the Secreted Proteome of Aspergillus fumigatus. Journal of Proteome Research, 2010, 9, 5517-5529.	3.7	47
16	Proteins identified as targets of the acyl glucuronide metabolite of mycophenolic acid in kidney tissue from mycophenolate mofetil treated rats. Biochimie, 2007, 89, 393-402.	2.6	44
17	TGF-Î² 1 enhances neurite outgrowth via regulation of proteasome function and EFABP. Neurobiology of Disease, 2010, 38, 395-404.	4.4	44
18	Structure of Tripeptidyl-peptidase I Provides Insight into the Molecular Basis of Late Infantile Neuronal Ceroid Lipofuscinosis. Journal of Biological Chemistry, 2009, 284, 3976-3984.	3.4	43

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19	Proteome Profiling in Murine Models of Multiple Sclerosis: Identification of Stage Specific Markers and Culprits for Tissue Damage. PLoS ONE, 2009, 4, e7624.	2.5	43
20	Presence of organic anion transporters 3 (OAT3) and 4 (OAT4) in human adrenocortical cells. Pflugers Archiv European Journal of Physiology, 2005, 450, 88-95.	2.8	40
21	Mycophenolic acid mediated disruption of the intestinal epithelial tight junctions. Experimental Cell Research, 2014, 322, 277-289.	2.6	40
22	Phosphoproteome profiling of substantia nigra and cortex regions of Alzheimerâ€™s disease patients. Journal of Neurochemistry, 2012, 121, 954-963.	3.9	39
23	MPA Modulates Tight Junctions' Permeability via Midkine/PI3K Pathway in Caco-2 Cells: A Possible Mechanism of Leak-Flux Diarrhea in Organ Transplanted Patients. Frontiers in Physiology, 2017, 8, 438.	2.8	39
24	Novel Cytosolic Allergens of Aspergillus fumigatus Identified from Germinating Conidia. Journal of Proteome Research, 2010, 9, 5530-5541.	3.7	35
25	Physiological Role of the Cellular Prion Protein (PrPc): Protein Profiling Study in Two Cell Culture Systems. Journal of Proteome Research, 2008, 7, 2681-2695.	3.7	33
26	Analysis of the cellular Aspergillus fumigatus proteome that reacts with sera from rabbits developing an acquired immunity after experimental aspergillosis. Electrophoresis, 2010, 31, 1947-1958.	2.4	32
27	Differential Expression of Proteins in Brain Regions of Alzheimerâ€™s Disease Patients. Neurochemical Research, 2014, 39, 208-215.	3.3	30
28	Cloning of the pig renal organic anion transporter 1 (pOAT1). Biochimie, 2002, 84, 1219-1222.	2.6	28
29	T-786C Polymorphism of the nos-3 Gene and the Endothelial Cell Response to Fluid Shear Stressâ€”A Proteome Analysis. Journal of Proteome Research, 2009, 8, 3161-3168.	3.7	27
30	Proteomics characterization of cell model with renal fibrosis phenotype: Osmotic stress as fibrosis triggering factor. Journal of Proteomics, 2011, 74, 304-318.	2.4	23
31	Cellular prion protein directly interacts with and enhances lactate dehydrogenase expression under hypoxic conditions. Experimental Neurology, 2015, 271, 155-167.	4.1	22
32	Myocardial adaptation of energy metabolism to elevated preload depends on calcineurin activity. Basic Research in Cardiology, 2008, 103, 232-243.	5.9	21
33	Codon 129 Polymorphism Specific Cerebrospinal Fluid Proteome Pattern in Sporadic Creutzfeldtâ€“Jakob Disease and the Implication of Glycolytic Enzymes in Prion-Induced Pathology. Journal of Proteome Research, 2010, 9, 5646-5657.	3.7	21
34	Integrative omics - from data to biology. Expert Review of Proteomics, 2018, 15, 463-466.	3.0	20
35	Cellular prion protein overexpression disturbs cellular homeostasis in SH-SY5Y neuroblastoma cells but does not alter p53 expression: a proteomic study. Neuroscience, 2010, 169, 1640-1650.	2.3	19
36	Allergic Aspergillosis and the Antigens of Aspergillus fumigatus. Current Protein and Peptide Science, 2014, 15, 403-423.	1.4	18

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37	Multipotent Adult Germline Stem Cells and Embryonic Stem Cells Functional Proteomics Revealed an Important Role of Eukaryotic Initiation Factor 5A (Eif5a) in Stem Cell Differentiation. Journal of Proteome Research, 2011, 10, 1962-1973.	3.7	17
38	Fetal calf serum heat inactivation and lipopolysaccharide contamination influence the human T lymphoblast proteome and phosphoproteome. Proteome Science, 2011, 9, 71.	1.7	17
39	FABP1 and FABP3 Have High Predictive Values for Renal Replacement Therapy in Patients with Acute Kidney Injury. Blood Purification, 2016, 42, 202-213.	1.8	17
40	Differential proteome analysis of human embryonic kidney cell line (HEK-293) following mycophenolic acid treatment. Proteome Science, 2011, 9, 57.	1.7	16
41	Advances in endothelial shear stress proteomics. Expert Review of Proteomics, 2014, 11, 611-619.	3.0	16
42	Anchorless 23â€“230 PrPC Interactomics for Elucidation of PrPC Protective Role. Molecular Neurobiology, 2014, 49, 1385-1399.	4.0	16
43	Regulation of steroid hormone biosynthesis enzymes and organic anion transporters by forskolin and DHEA-S treatment in adrenocortical cells. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E1351-E1359.	3.5	15
44	Expression proteomics of acute promyelocytic leukaemia cells treated with methotrexate. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 918-928.	2.3	15
45	Impact of cisplatin administration on protein expression levels in renal cell carcinoma: A proteomic analysis. European Journal of Pharmacology, 2011, 670, 50-57.	3.5	15
46	Sporadic<scp>C</scp>reutzfeldtâ€“<scp>J</scp>akob disease subtypeâ€specific alterations of the brain proteome: Impact on<scp>R</scp>ab3a recycling. Proteomics, 2012, 12, 3610-3620.	2.2	15
47	Disinhibition of SOD-2 Expression to Compensate for a Genetically Determined NO Deficit in Endothelial Cellsâ€“Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1890-1893.	2.4	13
48	Immunosuppressant MPA Modulates Tight Junction through Epigenetic Activation of MLCK/MLC-2 Pathway via p38MAPK. Frontiers in Physiology, 2015, 6, 381.	2.8	13
49	Differential Proteomic Analysis of Lymphocytes Treated With Mycophenolic Acid Reveals Caspase 3-Induced Cleavage of Rho GDP Dissociation Inhibitor 2. Therapeutic Drug Monitoring, 2009, 31, 211-217.	2.0	12
50	Differential Kidney Proteome Profiling in a Murine Model of Renal Fibrosis under Treatment with Mycophenolate Mofetil. Pathobiology, 2011, 78, 162-170.	3.8	12
51	Identification of Toxoplasma gondii SUB1 Antigen as a Marker for Acute Infection by Use of an Innovative Evaluation Method. Journal of Clinical Microbiology, 2011, 49, 2419-2425.	3.9	12
52	Thiopurines Induce Oxidative Stress in T-Lymphocytes: A Proteomic Approach. Mediators of Inflammation, 2015, 2015, 1-14.	3.0	12
53	Protein DJ-1 and its anti-oxidative stress function play an important role in renal cell mediated response to profibrotic agents. Molecular BioSystems, 2016, 12, 1842-1859.	2.9	12
54	Evolutionary Conservation of Mammalian Sperm Proteins Associates with Overall, not Tyrosine, Phosphorylation in Human Spermatozoa. Journal of Proteome Research, 2013, 12, 5370-5382.	3.7	11

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55	Proteomic analysis of short-term preload-induced eccentric cardiac hypertrophy. Journal of Translational Medicine, 2016, 14, 149.	4.4	11
56	Low-Abundant Cerebrospinal Fluid Proteome Alterations in Dementia with Lewy Bodies. Journal of Alzheimer's Disease, 2013, 34, 387-397.	2.6	10
57	Differential proteome and phosphoproteome signatures in human Tâ€lymphoblast cells induced by sirolimus. Cell Proliferation, 2010, 43, 396-404.	5.3	9
58	Proteomic characterization of adrenal gland embryonic development reveals early initiation of steroid metabolism and reduction of the retinoic acid pathway. Proteome Science, 2015, 13, 6.	1.7	9
59	Subtype-Specific Synaptic Proteome Alterations in Sporadic Creutzfeldt-Jakob Disease. Journal of Alzheimer's Disease, 2013, 37, 51-61.	2.6	8
60	Cellular prion protein mediates early apoptotic proteome alternation and phospho-modification in human neuroblastoma cells. Cell Death and Disease, 2018, 8, e2557-e2557.	6.3	8
61	Identification of the Novel Interacting Partners of the Mammalian Target of Rapamycin Complex 1 in Human CCRF-CEM and HEK293 Cells. International Journal of Molecular Sciences, 2014, 15, 4823-4836.	4.1	7
62	Crosstalk between Edc4 and Mammalian Target of Rapamycin Complex 1 (mTORC1) Signaling in mRNA Decapping. International Journal of Molecular Sciences, 2014, 15, 23179-23195.	4.1	7
63	MarmosetCYP3A21, a model for humanCYP3A4: Protein expression and functional characterization of the promoter. Xenobiotica, 2006, 36, 1210-1226.	1.1	6
64	Whole cell profiling and identification of galectin-1 as a potential marker of renal cell carcinoma. Proteomics - Clinical Applications, 2007, 1, 200-214.	1.6	6
65	Antibodies Directed to the Gram-Negative Bacterium Neisseria gonorrhoeae Cross-React with the 60ÂkDa Heat Shock Protein and Lead to Impaired Neurite Outgrowth in NTera2/D1 Cells. Journal of Molecular Neuroscience, 2014, 54, 125-136.	2.3	6
66	Interactions of antisera to different Chlamydia and Chlamydophila species with the ribosomal protein RPS27a correlate with impaired protein synthesis in a human choroid plexus papilloma cell line. Immunologic Research, 2017, 65, 1110-1123.	2.9	6
67	Establishment of Thiopurine S-Methyltransferase Gene Knockdown in Jurkat T-lymphocytes. Therapeutic Drug Monitoring, 2012, 34, 584-592.	2.0	5
68	Antisera against Neisseria gonorrhoeae cross-react with specific brain proteins of the common marmoset monkey and other nonhuman primate species. Brain Research, 2016, 1653, 23-38.	2.2	5
69	Vaccination Approaches Against Opportunistic Fungal Infections Caused by Aspergillus fumigatus. Current Protein and Peptide Science, 2014, 15, 424-429.	1.4	5
70	Active and Repressive Chromatin-Associated Proteome after MPA Treatment and the Role of Midkine in Epithelial Monolayer Permeability. International Journal of Molecular Sciences, 2016, 17, 597.	4.1	4
71	Proteome changes in CaMKIIÎ´C-overexpressing cardiac myocytes. Cardiovascular Pathology, 2010, 19, e241-e250.	1.6	3
72	Cellulose membranes are more effective in holding back vital proteins and exhibit less interaction with plasma proteins during hemodialysis. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 754-762.	2.3	3

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73	Intra-Protein Coevolution Is Increasingly Functional with Greater Proximity to Fertilization. Cytogenetic and Genome Research, 2020, 160, 295-308.	1.1	1
74	Protein speciation is likely to increase the chance of proteins to be determined in 2â€ÐE/MS. Electrophoresis, 2022, , .	2.4	1
75	Editorial (Mini-Thematic Issue: Mold Allergens and Antigenic Epitopes Correlation with Fungal) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.4	0
76	Current Analytical Strategies in Studying Chromatin-Associated-Proteome (Chromatome). Molecules, 2021, 26, 6694.	3.8	0