

Murat Kasap

List of Publications by Year in descending order

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63
papers

868
citations

567281

15
h-index

526287

27
g-index

65
all docs

65
docs citations

65
times ranked

1569
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of mesenchymal stem cells from rat bone marrow: ultrastructural properties, differentiation potential and immunophenotypic markers. <i>Histochemistry and Cell Biology</i> , 2009, 132, 533-546.	1.7	173
2	High prevalence of OXA-51-type class D β -lactamases among ceftazidime-resistant clinical isolates of <i>Acinetobacter</i> spp.: co-existence with OXA-58 in multiple centres. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 537-542.	3.0	61
3	Phenotypic and Proteomic Characteristics of Human Dental Pulp Derived Mesenchymal Stem Cells from a Natal, an Exfoliated Deciduous, and an Impacted Third Molar Tooth. <i>Stem Cells International</i> , 2014, 2014, 1-19.	2.5	48
4	Characterization of ESBL (SHV-12) producing clinical isolate of <i>Enterobacter aerogenes</i> from a tertiary care hospital in Nigeria. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2010, 9, 1.	3.8	43
5	Vitreous IL-8 and VEGF levels in diabetic macular edema with or without subretinal fluid. <i>International Ophthalmology</i> , 2019, 39, 821-828.	1.4	34
6	Isolation and characterization of stem cells from pancreatic islet: pluripotency, differentiation potential and ultrastructural characteristics. <i>Cytotherapy</i> , 2010, 12, 288-302.	0.7	29
7	Emergence and spread of carbapenem-resistant <i>Acinetobacter baumannii</i> in a tertiary care hospital in Turkey. <i>FEMS Microbiology Letters</i> , 2008, 282, 214-218.	1.8	28
8	OXA-162, a novel variant of OXA-48 displays extended hydrolytic activity towards imipenem, meropenem and doripenem. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 990-996.	5.2	25
9	Dynamic Nucleation of Golgi Apparatus Assembly from the Endoplasmic Reticulum in Interphase HeLa Cells. <i>Traffic</i> , 2004, 5, 595-605.	2.7	24
10	Comparative physiological and leaf proteome analysis between drought-tolerant chickpea <i>Cicer reticulatum</i> and drought-sensitive chickpea <i>C. arietinum</i> . <i>Journal of Biosciences</i> , 2019, 44, 1.	1.1	24
11	Genotyping and Phylogenetic Analysis of <i>Giardia duodenalis</i> Isolates from Turkish Children. <i>Medical Science Monitor</i> , 2015, 21, 526-532.	1.1	21
12	Preparation, characterization, and <i>in vitro</i> evaluation of chicken feather fiber-thermoplastic polyurethane composites. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45338.	2.6	19
13	The prominent proteins expressed in healthy gingiva: a pilot exploratory tissue proteomics study. <i>Odontology / the Society of the Nippon Dental University</i> , 2018, 106, 19-28.	1.9	19
14	Abundant proteins in platelet-rich fibrin and their potential contribution to wound healing: An explorative proteomics study and review of the literature. <i>Journal of Dental Sciences</i> , 2018, 13, 386-395.	2.5	17
15	Comparative Proteome Analysis of Breast Cancer Tissues Highlights the Importance of Glycerol-3-phosphate Dehydrogenase 1 and Monoacylglycerol Lipase in Breast Cancer Metabolism. <i>Cancer Genomics and Proteomics</i> , 2019, 16, 377-397.	2.0	17
16	Proteomics Analysis of Tissue Samples Reveals Changes in Mitochondrial Protein Levels in Parathyroid Hyperplasia over Adenoma. <i>Cancer Genomics and Proteomics</i> , 2017, 14, 197-211.	2.0	17
17	Evidence for the presence of full-length PARK2 mRNA and Parkin protein in human blood. <i>Neuroscience Letters</i> , 2009, 460, 196-200.	2.1	16
18	Linking a compound-heterozygous Parkin mutant (Q311R and A371T) to Parkinson's disease by using proteomic and molecular approaches. <i>Neurochemistry International</i> , 2015, 85-86, 1-13.	3.8	16

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19	Proteomic studies associated with Parkinson's disease. <i>Expert Review of Proteomics</i> , 2017, 14, 193-209.	3.0	13
20	<i>Clostridium pasteurianum</i> W5 synthesizes two NifH-related polypeptides under nitrogen-fixing conditions. <i>Microbiology (United Kingdom)</i> , 2005, 151, 2353-2362.	1.8	12
21	Neonatal Hyperbilirubinemia and Organic Anion Transporting Polypeptide-2 Gene Mutations. <i>American Journal of Perinatology</i> , 2011, 28, 619-626.	1.4	11
22	Al ₂ O ₃ micro- and nanostructures affect vascular cell response. <i>RSC Advances</i> , 2016, 6, 17460-17469.	3.6	11
23	Comparative Analysis of Proteome Patterns of <i>Francisella tularensis</i> Isolates from Patients and the Environment. <i>Current Microbiology</i> , 2017, 74, 230-238.	2.2	11
24	Purification and characterization of OXA-23 from <i>Acinetobacter baumannii</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 836-842.	5.2	10
25	Comparative proteome analysis of the tear samples in patients with low-grade keratoconus. <i>International Ophthalmology</i> , 2018, 38, 1895-1905.	1.4	10
26	Search for Novel Plasma Membrane Proteins as Potential Biomarkers in Human Mesenchymal Stem Cells Derived from Dental Pulp, Adipose Tissue, Bone Marrow, and Hair Follicle. <i>Journal of Membrane Biology</i> , 2021, 254, 409-422.	2.1	10
27	Apolipoprotein E phylogeny and evolution. <i>Cell Biochemistry and Function</i> , 2008, 26, 43-50.	2.9	9
28	Effects of <i>Lucilia sericata</i> on wound healing in streptozotocin-induced diabetic rats and analysis of its secretome at the proteome level. <i>Human and Experimental Toxicology</i> , 2018, 37, 508-520.	2.2	9
29	Proteomic analysis in endometrial cancer and endometrial hyperplasia tissues by 2D-DIGE technique. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2020, 49, 101652.	1.3	8
30	A unique Golgi apparatus distribution may be a marker for osteogenic differentiation of hDP-MSCs. <i>Cell Biochemistry and Function</i> , 2011, 29, 489-495.	2.9	7
31	Comparative Proteomics Analysis of Four Commonly Used Methods for Identification of Novel Plasma Membrane Proteins. <i>Journal of Membrane Biology</i> , 2019, 252, 587-608.	2.1	7
32	Investigation of the Involvement of Parkin in Parkinson's Disease and Cancer by Monitoring the Changes in SH-SY5Y Cells at the Nuclear Proteome Level. <i>Anticancer Research</i> , 2020, 40, 3169-3190.	1.1	7
33	Pancreatic Islet Derived Stem Cells Can Express Co-stimulatory Molecules of Antigen-Presenting Cells. <i>Transplantation Proceedings</i> , 2010, 42, 3663-3670.	0.6	6
34	Heat Shock Proteins and Myocardial Protection during Cardiopulmonary Bypass. <i>Journal of International Medical Research</i> , 2011, 39, 499-507.	1.0	6
35	Proteomics analysis of pleomorphic adenoma of the human parotid gland. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017, 274, 3183-3195.	1.6	6
36	The lower expression of parvalbumin in the primary somatosensory cortex of WAG/Rij rats may facilitate the occurrence of absence seizures. <i>Neuroscience Letters</i> , 2019, 709, 134299.	2.1	6

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37	Peripheral blood mononuclear cell proteome profile in Behçet's syndrome. <i>Rheumatology International</i> , 2020, 40, 65-74.	3.0	6
38	Proteomic analysis of talazoparib resistance in triple-negative breast cancer cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22678.	3.0	6
39	Molecular phylogenetic analysis of methylenetetrahydrofolate reductase family of proteins. <i>Molecular Phylogenetics and Evolution</i> , 2007, 42, 838-846.	2.7	5
40	SERPIN A5 may have a potential as a biomarker in reflecting the improvement of semen quality in infertile men who underwent varicocele repair. <i>Andrologia</i> , 2021, 53, e14081.	2.1	5
41	Comparative Proteome Analysis of hAT-MSCs Isolated from Chronic Renal Failure Patients with Differences in Their Bone Turnover Status. <i>PLoS ONE</i> , 2015, 10, e0142934.	2.5	5
42	The comparison of VEGFR-1-binding domain of VEGF-A with modelled VEGF-C sheds light on receptor specificity. <i>Journal of Theoretical Biology</i> , 2008, 253, 446-451.	1.7	4
43	Proteomic analysis of thyroid tissue reveals enhanced catabolic activity in Graves' disease compared to toxic multinodular goitre. <i>Cell Biochemistry and Function</i> , 2021, 39, 658-666.	2.9	4
44	Modelling NifH2 protein of <i>Clostridium pasteurianum</i> reveals clues about its physiological function. <i>Journal of Molecular Graphics and Modelling</i> , 2006, 25, 304-312.	2.4	3
45	Analysis of Pericardial Effusion from Idiopathic Pericarditis Patients by Two-Dimensional Gel Electrophoresis. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	3
46	Exogenous Expressions of FTO Wild-Type and R316Q Mutant Proteins Caused an Increase in HNRPK Levels in 3T3-L1 Cells as Demonstrated by DIGE Analysis. <i>BioMed Research International</i> , 2017, 2017, 1-11.	1.9	3
47	Identification of differentially regulated deceitful proteins in SH-SY5Y cells engineered with Tet-regulated protein expression system. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6065-6071.	2.6	3
48	Monitoring the response of urothelial precancerous lesions to <i>Bacillus Calmette-Guerin</i> at the proteome level in an in vivo rat model. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 67-77.	4.2	3
49	Analysis of the fluid biochemistry in patients with prolonged wound drainage after hip hemiarthroplasty. <i>Injury</i> , 2021, 52, 918-925.	1.7	3
50	Decreased ERp57 Expression in WAG/Rij Rats Thalamus and Cortex: Possible Correlation with Absence Epilepsy. <i>Protein and Peptide Letters</i> , 2018, 25, 398-404.	0.9	3
51	Decreased serum levels of glycerol-3-phosphate dehydrogenase 1 and monoacylglycerol lipase act as diagnostic biomarkers for breast cancer. <i>Cancer Biomarkers</i> , 2022, 34, 67-76.	1.7	3
52	Elucidation of the changes occurring at the proteome level in ovaries of high-fat diet-induced obese rats. <i>Cell Biochemistry and Function</i> , 2022, 40, 278-297.	2.9	3
53	Improved Production of Highly Active and Pure Human Creatine Kinase MB. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2018, 28, 28-36.	1.0	2
54	Elucidation of a Conserved Proteomic Pattern of Breast Cancer Tissue and Metastatic Axillary Lymph Node. <i>Chirurgia (Romania)</i> , 2017, 112, 443.	0.5	2

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55	Fat Mass and Obesity Associated (FTO) Protein Ekspresyonunun Neden Olduğu SH-SY5Y Hücrelerinin Proteomunda Meydana Gelen Değişiklikler, FTO Proteininin Aşok Yarı-özellikleri Ortaya Açıkar. Kocaeli Üniversitesi Sağlık Bilimleri Dergisi, 2020, 6, 101-112.		2
56	Comparison of before versus after intravitreal bevacizumab injection, growth factor levels and fibrotic markers in vitreous samples from patients with proliferative diabetic retinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 1899-1906.	1.9	2
57	Overcoming difficulties on synthesis of cardiac troponin-I. Preparative Biochemistry and Biotechnology, 2017, 47, 94-99.	1.9	1
58	Comparative Proteome Analyses of Ureteropelvic Junction Obstruction and Surrounding Ureteral Tissue. Cells Tissues Organs, 2020, 209, 2-12.	2.3	1
59	Are Mannan-binding Lectine Serin Protease-2 and Alpha-1-microglobulin and Bukinin Precursor the Potential Biomarkers of Manic Episode? A Study via Urinary Proetomic Analysis. Clinical Psychopharmacology and Neuroscience, 2021, 19, 269-281.	2.0	1
60	Proteomic analysis of the anticancer effect of various extracts of endemic Thermopsis turcica in human cervical cancer cells. Turkish Journal of Medical Sciences, 2020, 50, 1993-2004.	0.9	1
61	Comparative proteomic analysis of amnion membrane transplantation and cross-linking treatments in an experimental alkali injury model. International Ophthalmology, 2018, 38, 2563-2574.	1.4	0
62	BEND4 as a Candidate Gene for an Infection-Induced Acute Encephalopathy Characterized by a Cyst and Calcification of the Pons and Cerebellar Atrophy. Molecular Syndromology, 2022, 13, 12-22.	0.8	0
63	Histopathologic and molecular comparative analyses of intravesical Aurora kinase-A inhibitor Alisertib with bacillus Calmette-Guérin on precancerous lesions of bladder in a rat model. International Urology and Nephrology, 2018, 50, 1417-1425.	1.4	0