

Erdjan Salih

List of Publications by Year in descending order

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45
papers

1,438
citations

331670

21
h-index

315739

38
g-index

45
all docs

45
docs citations

45
times ranked

1784
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vitro Effects of Dentin Matrix Protein-1 on Hydroxyapatite Formation Provide Insights into in Vivo Functions. <i>Journal of Biological Chemistry</i> , 2004, 279, 18115-18120.	3.4	170
2	Salivary Proteome and Its Genetic Polymorphisms. <i>Annals of the New York Academy of Sciences</i> , 2007, 1098, 22-50.	3.8	160
3	Phosphoproteomics by mass spectrometry and classical protein chemistry approaches. <i>Mass Spectrometry Reviews</i> , 2005, 24, 828-846.	5.4	122
4	Three-dimensional cancer-bone metastasis model using ex-vivo co-cultures of live calvarial bones and cancer cells. <i>Biomaterials</i> , 2012, 33, 1065-1078.	11.4	64
5	Bioactive molecules and the future of pulp therapy. <i>American Journal of Dentistry</i> , 2003, 16, 66-76.	0.1	62
6	Identification of Lys-Pro-Gln as a Novel Cleavage Site Specificity of Saliva-associated Proteases. <i>Journal of Biological Chemistry</i> , 2008, 283, 19957-19966.	3.4	60
7	Kinetics of histatin proteolysis in whole saliva and the effect on bioactive domains with metal-binding, antifungal, and wound-healing properties. <i>FASEB Journal</i> , 2009, 23, 2691-2701.	0.5	54
8	Site-Specific In Vivo Calcification and Osteogenesis Stimulated by Bone Sialoprotein. <i>Calcified Tissue International</i> , 2006, 79, 179-189.	3.1	53
9	Phosphorylation of Purified Bovine Bone Sialoprotein and Osteopontin by Protein Kinases. <i>Journal of Biological Chemistry</i> , 1996, 271, 16897-16905.	3.4	52
10	Identification of the Phosphorylated Sites of Metabolically ³² P-Labeled Osteopontin from Cultured Chicken Osteoblasts. <i>Journal of Biological Chemistry</i> , 1997, 272, 13966-13973.	3.4	51
11	Large-scale phosphoproteome of human whole saliva using disulfide-thiol interchange covalent chromatography and mass spectrometry. <i>Analytical Biochemistry</i> , 2010, 407, 19-33.	2.4	50
12	Quantitative gingival crevicular fluid proteome in health and periodontal disease using stable isotope chemistries and mass spectrometry. <i>Journal of Clinical Periodontology</i> , 2014, 41, 733-747.	4.9	47
13	General occurrence of binding to acetylcholinesterase-substrate complex in noncompetitive inhibition and in inhibition by substrate. <i>BBA - Proteins and Proteomics</i> , 1991, 1076, 112-122.	2.1	35
14	Natural variation in the extent of phosphorylation of bone phosphoproteins as a function of in vivo new bone formation induced by demineralized bone matrix in soft tissue and bony environments. <i>Biochemical Journal</i> , 2002, 364, 465-474.	3.7	35
15	Characterization of Recombinant Lysyl Oxidase Propeptide. <i>Biochemistry</i> , 2010, 49, 2962-2972.	2.5	34
16	The efficacy of various alloplastic bone grafts on the healing of rat calvarial defects. <i>European Journal of Orthodontics</i> , 2004, 26, 475-482.	2.4	32
17	Protein kinases of cultured osteoblasts: Selectivity for the extracellular matrix proteins of bone and their catalytic competence for osteopontin. <i>Journal of Bone and Mineral Research</i> , 1996, 11, 1461-1473.	2.8	29
18	Activity-based mass spectrometric characterization of proteases and inhibitors in human saliva. <i>Proteomics - Clinical Applications</i> , 2009, 3, 810-820.	1.6	29

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19	Complete Topographical Distribution of Both the in Vivo and in Vitro Phosphorylation Sites of Bone Sialoprotein and Their Biological Implications. <i>Journal of Biological Chemistry</i> , 2004, 279, 19808-19815.	3.4	26
20	Mass Spectrometric Identification of Key Proteolytic Cleavage Sites in Statherin Affecting Mineral Homeostasis and Bacterial Binding Domains. <i>Journal of Proteome Research</i> , 2010, 9, 5413-5421.	3.7	26
21	Novel bioactivity of phosphitin in connective tissue and bone organogenesis revealed by live calvarial bone organ culture models. <i>Developmental Biology</i> , 2013, 381, 256-275.	2.0	26
22	Modulation of Bone Resorption by Phosphorylation State of Bone Sialoprotein. <i>Biochemistry</i> , 2009, 48, 6876-6886.	2.5	19
23	Influence of Histatin 5 on <i>Candida albicans</i> Mitochondrial Protein Expression Assessed by Quantitative Mass Spectrometry. <i>Journal of Proteome Research</i> , 2011, 10, 646-655.	3.7	19
24	Reactions of 1-bromo-2-[14C]pinacolone with acetylcholinesterase from <i>Torpedo nobiliana</i> . Effects of 5-trimethylammonio-2-pentanone and diisopropyl fluorophosphate. <i>BBA - Proteins and Proteomics</i> , 1989, 997, 167-175.	2.1	18
25	In Vivo and In Vitro Phosphorylation Regions of Bone Sialoprotein. <i>Connective Tissue Research</i> , 2003, 44, 223-229.	2.3	18
26	Identification of osteopontin phosphorylation sites involved in bone remodeling and inhibition of pathological calcification. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 852-856.	2.6	17
27	Active-site peptides of acetylcholinesterase of <i>Electrophorus electricus</i> : labelling of His-440 by 1-bromo-[2-14C]pinacolone and Ser-200 by tritiated diisopropyl fluorophosphate. <i>BBA - Proteins and Proteomics</i> , 1994, 1208, 324-331.	2.1	12
28	Enamel Specific Protein Kinases and State of Phosphorylation of Purified Amelogenins. <i>Connective Tissue Research</i> , 1998, 38, 225-235.	2.3	12
29	Topographical distribution of phosphorylation sites of phosphitins by mass spectrometry. <i>Journal of Proteomics</i> , 2013, 83, 76-98.	2.4	11
30	Isolation of a novel bone glycosylated phosphoprotein with disulphide cross-links to osteonectin. <i>Biochemical Journal</i> , 1998, 330, 1423-1431.	3.7	10
31	Quantitative Analysis of Cytokine-Induced Hepatocyte Nuclear Factor-4 β Phosphorylation by Mass Spectrometry. <i>Biochemistry</i> , 2011, 50, 5292-5300.	2.5	10
32	Synthesis of a radioactive thiol reagent, 1-S-[3H]carboxymethyl-dithiothreitol: identification of the phosphorylation sites by N-terminal peptide sequencing and matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Analytical Biochemistry</i> , 2003, 319, 143-158.	2.4	9
33	Prokaryotic expression of bone sialoprotein and identification of casein kinase II phosphorylation sites. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 443-447.	2.1	9
34	Identification of the In Vivo Phosphorylated Sites of Secreted Osteopontin from Cultured Chicken Osteoblasts. <i>Annals of the New York Academy of Sciences</i> , 1995, 760, 357-360.	3.8	7
35	Bone microenvironment-mediated resistance of cancer cells to bisphosphonates and impact on bone osteocytes/stem cells. <i>Clinical and Experimental Metastasis</i> , 2016, 33, 563-588.	3.3	7
36	Effect of Corticotomies with Different Instruments on Cranial Bone Biology Using an Ex Vivo Calvarial Bone Organ Culture Model System. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2016, 36, s123-s136.	1.0	7

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37	Nucleophosmin Phosphorylation as a Diagnostic and Therapeutic Target for Ischemic AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 50-62.	6.1	7
38	A method for high transfection efficiency in THP-1 suspension cells without PMA treatment. <i>Analytical Biochemistry</i> , 2018, 544, 93-97.	2.4	6
39	The Isolation and Characterization of Glycosylated Phosphoproteins from Herring Fish Bones. <i>Journal of Biological Chemistry</i> , 2010, 285, 36170-36178.	3.4	5
40	Two-hydronic-reactive states of acetylcholinesterase, mechanistically relevant acid-base catalyst of pKa 6.5 and a modulatory group of pKa 5.5. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1991, 1073, 183-194.	2.4	4
41	Ex-Vivo Model Systems of Cancer-Bone Cell Interactions. <i>Methods in Molecular Biology</i> , 2019, 1914, 217-240.	0.9	4
42	In vivo and in vitro phosphorylation regions of bone sialoprotein. <i>Connective Tissue Research</i> , 2003, 44 Suppl 1, 223-9.	2.3	4
43	Qualitative and Quantitative Proteome Analysis of Oral Fluids in Health and Periodontal Disease by Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017, 1537, 37-60.	0.9	3
44	T95 nucleophosmin phosphorylation as a novel mediator and marker of regulated cell death in acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, F552-F561.	2.7	3
45	Engineering Models in Cancer. , 2020, , 458-484.		0