

Adam Eckhardt

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,341
citations

430442

18
h-index

360668

35
g-index

60
all docs

60
docs citations

60
times ranked

2084
citing authors

#	ARTICLE	IF	CITATIONS
1	The possible role of hypoxia in the affected tissue of relapsed clubfoot. <i>Scientific Reports</i> , 2022, 12, 4462.	1.6	4
2	Alterations in the Proteome and Phosphoproteome Profiles of Rat Hippocampus after Six Months of Morphine Withdrawal: Comparison with the Forebrain Cortex. <i>Biomedicines</i> , 2022, 10, 80.	1.4	5
3	Minoxidil decreases collagen I deposition and tissue-like contraction in clubfoot-derived cells: a way to improve conservative treatment of relapsed clubfoot?. <i>Connective Tissue Research</i> , 2021, 62, 554-569.	1.1	6
4	A Method for Analysis of by Coupled with Mass. <i>Methods in Molecular Biology</i> , 2021, 2276, 383-396.	0.4	0
5	Accelerated in vitro recellularization of decellularized porcine pericardium for cardiovascular grafts. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 025024.	1.7	11
6	Impact of three-month morphine withdrawal on rat brain cortex, hippocampus, striatum and cerebellum: proteomic and phosphoproteomic studies. <i>Neurochemistry International</i> , 2021, 144, 104975.	1.9	8
7	Increased Collagen Crosslinking in Stiff Clubfoot Tissue: Implications for the Improvement of Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11903.	1.8	7
8	Response to: "Quantity," "Quality" and "Distribution Pattern" of Neo Vascular System: Is it the Time to Come Back to Aristotle Categories?. <i>Journal of Pediatric Orthopaedics</i> , 2021, 41, e199-e200.	0.6	0
9	Increased Microvessel and Arteriole Density in the Contracted Side of the Relapsed Clubfoot. <i>Journal of Pediatric Orthopaedics</i> , 2020, 40, 592-596.	0.6	5
10	Modification of Human Pericardium by Chemical Crosslinking. <i>Physiological Research</i> , 2020, 69, 49-59.	0.4	12
11	Decreased collagen VI in the tunica media of pulmonary vessels during exposure to hypoxia: a novel step in pulmonary arterial remodeling. <i>Pulmonary Circulation</i> , 2019, 9, 204589401986074.	0.8	8
12	Novel contribution to clubfoot pathogenesis: The possible role of extracellular matrix proteins. <i>Journal of Orthopaedic Research</i> , 2019, 37, 769-778.	1.2	15
13	Proteomic analysis of cardiac ventricles: baso-apical differences. <i>Molecular and Cellular Biochemistry</i> , 2018, 445, 211-219.	1.4	5
14	Endocardial Fibroelastosis is Secondary to Hemodynamic Alterations in the Chick Embryonic Model of Hypoplastic Left Heart Syndrome. <i>Developmental Dynamics</i> , 2018, 247, 509-520.	0.8	24
15	Analysis of Siamese Crocodile (<i>Crocodylus siamensis</i>) Eggshell Proteome. <i>Protein Journal</i> , 2018, 37, 21-37.	0.7	10
16	Proteomic Analysis of Peroxynitrite-Induced Protein Nitration in Isolated Beef Heart Mitochondria. <i>Physiological Research</i> , 2018, 67, 239-250.	0.4	10
17	Possible Pathogenetic Mechanisms and New Therapeutic Approaches of Pes Equinovarus. <i>Physiological Research</i> , 2017, 66, 403-410.	0.4	7
18	Proteomic analysis of human tooth pulp proteomes " Comparison of caries-resistant and caries-susceptible persons. <i>Journal of Proteomics</i> , 2016, 145, 127-136.	1.2	22

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19	Proteomic analysis of the extracellular matrix in idiopathic pes equinovarus. <i>Molecular and Cellular Biochemistry</i> , 2015, 401, 133-139.	1.4	20
20	Proteomic Analysis of Human Tooth Pulp: Proteomics of Human Tooth. <i>Journal of Endodontics</i> , 2014, 40, 1961-1966.	1.4	37
21	Eggshell pigmentation has no evident effects on offspring viability in common kestrels. <i>Evolutionary Ecology</i> , 2014, 28, 627-637.	0.5	28
22	Proteomic analysis of post-nuclear supernatant fraction and percoll-purified membranes prepared from brain cortex of rats exposed to increasing doses of morphine. <i>Proteome Science</i> , 2014, 12, 11.	0.7	20
23	Study of Saiga Horn Using High-Performance Liquid Chromatography with Mass Spectrometry. <i>Scientific World Journal</i> , The, 2012, 2012, 1-8.	0.8	7
24	Comprehensive proteomic analysis of human dentin. <i>European Journal of Oral Sciences</i> , 2012, 120, 259-268.	0.7	57
25	Enhanced Growth and Osteogenic Differentiation of Human Osteoblast-Like Cells on Boron-Doped Nanocrystalline Diamond Thin Films. <i>PLoS ONE</i> , 2011, 6, e20943.	1.1	70
26	Determination of insoluble avian eggshell matrix proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 205-214.	1.9	46
27	Non-enzymatic posttranslational modifications of bovine serum albumin by oxo-compounds investigated by high-performance liquid chromatography-mass spectrometry and capillary zone electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 8009-8015.	1.8	14
28	Growth of Vascular Smooth Muscle Cells on Collagen I Exposed to RBL-2H3 Mastocytoma Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 615-622.	1.1	7
29	Determination and Quantification of Collagen Types in Tissues Using HPLC-MS/MS. <i>Current Analytical Chemistry</i> , 2009, 5, 316-323.	0.6	11
30	Separation of tryptic peptides of native and glycosylated BSA using open-tubular CEC with salophene-lanthanide-Zn ²⁺ complex as stationary phase. <i>Journal of Separation Science</i> , 2009, 32, 3930-3935.	1.3	13
31	Identification of collagen types in tissues using HPLC-MS/MS. <i>Journal of Separation Science</i> , 2008, 31, 3483-3488.	1.3	38
32	Comparison of CE-MS and LC-MS Analyses of Avian Eggshell Matrix Proteins. <i>Chromatographia</i> , 2008, 67, 89-96.	0.7	9
33	Proteins of Insoluble Matrix of Avian (<i>Gallus Gallus</i>) Eggshell. <i>Connective Tissue Research</i> , 2007, 48, 1-8.	1.1	60
34	Study of posttranslational non-enzymatic modifications of collagen using capillary electrophoresis/mass spectrometry and high performance liquid chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1155, 125-133.	1.8	34
35	Cell responses to the mechanochemical microenvironment—Implications for regenerative medicine and drug delivery†. <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 1329-1339.	6.6	351
36	Tu-P7:265 Collagen I modified by matrix metalloprotease 13 or mast cells decreases adhesion and stimulates growth of vascular smooth muscle cells. <i>Atherosclerosis Supplements</i> , 2006, 7, 243.	1.2	1

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37	Capillary electromigration methods for the study of collagen. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 841, 3-13.	1.2	10
38	Matrices for capillary gel electrophoresis—a brief overview of uncommon gels. <i>Biomedical Chromatography</i> , 2006, 20, 458-465.	0.8	15
39	Posttranslational modifications of collagen studied by off-line coupling of HPLC and CE. <i>Journal of Separation Science</i> , 2006, 29, 1126-1131.	1.3	9
40	Porphyrin Based Affinity Interactions: Analytical Applications with Special Reference to Open Tubular Capillary Electrochromatography. <i>Current Analytical Chemistry</i> , 2005, 1, 103-119.	0.6	10
41	Proteomics of Collagen Peptides: A Method to Reveal Minor Changes in Post-translationally Modified Collagen by HPLC and Capillary Electrophoresis. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 1437-1451.	0.5	4
42	Interaction of Hydroxypropyl- β -Cyclodextrin with Peptides, Studied by Reversed-Phase Thin-Layer Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 2619-2632.	0.5	5
43	Chromatographic determination of herbicide residues in various matrices. <i>Biomedical Chromatography</i> , 2004, 18, 350-359.	0.8	46
44	Peptide mapping by capillary electrophoresis with Pluronic F127. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 800, 155-160.	1.2	15
45	Capillary electrophoretic separation of proteins and peptides by ion-pairing with heptanesulfonic acid. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 800, 161-167.	1.2	5
46	Plastic substrates based separation channels in electromigration techniques. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 800, 83-89.	1.2	3
47	Interaction Between Cholesterol and Non-ionic Surfactants Studied by Thin-Layer Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 1981-1992.	0.5	4
48	Separation of low-molecular mass peptides by capillary electrophoresis with the use of alkylamines as dynamic coating agents at low pH. <i>Journal of Chromatography A</i> , 2004, 1051, 111-117.	1.8	16
49	Separation of low-molecular mass peptides by capillary electrophoresis with the use of alkylamines as dynamic coating agents at low pH. <i>Journal of Chromatography A</i> , 2004, 1051, 111-117.	1.8	7
50	Insoluble eggshell matrix proteins—their peptide mapping and partial characterization by capillary electrophoresis and high-performance liquid chromatography. <i>Electrophoresis</i> , 2003, 24, 843-852.	1.3	33
51	Comparison of standard capillary and chip separations of sodium dodecylsulfate-protein complexes. <i>Journal of Chromatography A</i> , 2003, 990, 153-158.	1.8	21
52	Binding of environmental pollutants to the corn protein zein studied by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2003, 987, 403-408.	1.8	6
53	Comparison of the electrophoretic separation of proteins in capillaries with different inner diameter. <i>Journal of Chromatography A</i> , 2003, 1013, 233-238.	1.8	7
54	Preparative procedures and purity assessment of collagen proteins. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 790, 245-275.	1.2	51

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55	The effect of sodium dodecyl sulfate and Pluronic F127 on the electrophoretic separation of protein and polypeptide test mixtures at acid pH. <i>Electrophoresis</i> , 2002, 23, 1882.	1.3	23
56	Ultraviolet light-irradiated collagen III modulates expression of cytoskeletal and surface adhesion molecules in rat aortic smooth muscle cells in vitro. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2002, 440, 50-62.	1.4	13
57	Mixtures of nonionic and anionic surfactants: interactions with low-molecular-mass homopeptides. <i>Journal of Chromatography A</i> , 2001, 917, 287-295.	1.8	5
58	Evaluation of peptide electropherograms by multivariate mathematical statistical methods. <i>Journal of Chromatography A</i> , 2001, 921, 81-91.	1.8	10
59	Interaction of surfactants with homologous series of peptides studied by reversed-phase thin-layer chromatography. <i>Journal of Chromatography A</i> , 2001, 910, 137-145.	1.8	24
60	Oxidized Collagen Stimulates Proliferation of Vascular Smooth Muscle Cells. <i>Experimental and Molecular Pathology</i> , 1997, 64, 185-194.	0.9	17