

Daniel P Aeschlimann

List of Publications by Year in descending order

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54
papers

4,536
citations

136740

32
h-index

174990

52
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56
all docs

56
docs citations

56
times ranked

4372
citing authors

#	ARTICLE	IF	CITATIONS
1	Features of ZED1227: The First-In-Class Tissue Transglutaminase Inhibitor Undergoing Clinical Evaluation for the Treatment of Celiac Disease. <i>Cells</i> , 2022, 11, 1667.	1.8	19
2	Transglutaminase 6 Is Colocalized and Interacts with Mutant Huntingtin in Huntington Disease Rodent Animal Models. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8914.	1.8	6
3	TC6 Auto-Antibodies in Dermatitis Herpetiformis. <i>Nutrients</i> , 2020, 12, 2884.	1.7	6
4	Neurologic Deficits in Patients With Newly Diagnosed Celiac Disease Are Frequent and Linked With Autoimmunity to Transglutaminase 6. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 2678-2686.e2.	2.4	41
5	Phenytoin-related ataxia in patients with epilepsy: clinical and radiological characteristics. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 56, 26-30.	0.9	15
6	Anti-transglutaminase 6 Antibody Development in Children With Celiac Disease Correlates With Duration of Gluten Exposure. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 66, 64-68.	0.9	13
7	A20...A role for transglutaminase 6 in hd pathology. , 2018, , .		0
8	Transglutaminase 6 antibodies in gluten neuropathy. <i>Digestive and Liver Disease</i> , 2017, 49, 1196-1200.	0.4	38
9	P2X7 receptor-mediated TG2 externalization: a link to inflammatory arthritis?. <i>Amino Acids</i> , 2017, 49, 453-460.	1.2	9
10	Mutations in TGM6 induce the unfolded protein response in SCA35. <i>Human Molecular Genetics</i> , 2017, 26, 3749-3762.	1.4	36
11	Alcohol-related cerebellar degeneration: not all down to toxicity?. <i>Cerebellum and Ataxias</i> , 2016, 3, 17.	1.9	29
12	Neurological Dysfunction in Coeliac Disease and Non-Coeliac Gluten Sensitivity. <i>American Journal of Gastroenterology</i> , 2016, 111, 561-567.	0.2	88
13	Deletion of the membrane complement inhibitor CD59a drives age and gender-dependent alterations to bone phenotype in mice. <i>Bone</i> , 2016, 84, 253-261.	1.4	18
14	Consensus Paper: Neuroimmune Mechanisms of Cerebellar Ataxias. <i>Cerebellum</i> , 2016, 15, 213-232.	1.4	142
15	The Neuroimmunology of Gluten Intolerance. , 2016, , 263-285.		3
16	P2X7 receptor activation regulates rapid unconventional export of transglutaminase-2. <i>Journal of Cell Science</i> , 2015, 128, 4615-28.	1.2	34
17	Myoclonus ataxia and refractory coeliac disease. <i>Cerebellum and Ataxias</i> , 2014, 1, 11.	1.9	51
18	Anti-Transglutaminase 6 Antibodies in Children and Young Adults with Cerebral Palsy. <i>Autoimmune Diseases</i> , 2014, 2014, 1-8.	2.7	6

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19	Transglutaminase 6: a protein associated with central nervous system development and motor function. <i>Amino Acids</i> , 2013, 44, 161-177.	1.2	79
20	Celiac disease, epilepsy, and cerebral calcifications: association with TG6 autoantibodies. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 90-93.	1.1	28
21	Transglutaminase 6 antibodies in the diagnosis of gluten ataxia. <i>Neurology</i> , 2013, 80, 1740-1745.	1.5	124
22	Decorin GAG Synthesis and TGF- β 2 Signaling Mediate Ox-LDL-Induced Mineralization of Human Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 608-615.	1.1	73
23	Gluten T cell epitope targeting by TG3 and TG6; implications for dermatitis herpetiformis and gluten ataxia. <i>Amino Acids</i> , 2010, 39, 1183-1191.	1.2	76
24	Gluten sensitivity: from gut to brain. <i>Lancet Neurology</i> , The, 2010, 9, 318-330.	4.9	330
25	Gluten sensitivity and the CNS: diagnosis and treatment – Authors' reply. <i>Lancet Neurology</i> , The, 2010, 9, 654-655.	4.9	2
26	Anti Transglutaminase Antibodies Cause Ataxia in Mice. <i>PLoS ONE</i> , 2010, 5, e9698.	1.1	93
27	New Serology Assays Can Detect Gluten Sensitivity among Enteropathy Patients Seronegative for Anti-Tissue Transglutaminase. <i>Clinical Chemistry</i> , 2010, 56, 661-665.	1.5	45
28	TNF- α and TGF- β 1 influence IL-18-induced IFN- γ production through regulation of IL-18 receptor and T-bet expression. <i>Cytokine</i> , 2010, 49, 177-184.	1.4	26
29	Transglutaminase 2 Is Needed for the Formation of an Efficient Phagocyte Portal in Macrophages Engulfing Apoptotic Cells. <i>Journal of Immunology</i> , 2009, 182, 2084-2092.	0.4	130
30	IL-23 promotes osteoclast formation by up-regulation of receptor activator of NF- κ B (RANK) expression in myeloid precursor cells. <i>European Journal of Immunology</i> , 2008, 38, 2845-2854.	1.6	123
31	Autoantibodies in gluten ataxia recognize a novel neuronal transglutaminase. <i>Annals of Neurology</i> , 2008, 64, 332-343.	2.8	217
32	Decorin Regulates Endothelial Cell Motility on Collagen I through Activation of Insulin-like Growth Factor I Receptor and Modulation of β 1 Integrin Activity. <i>Journal of Biological Chemistry</i> , 2008, 283, 17406-17415.	1.6	93
33	A constitutive model for the periodontal ligament as a compressible transversely isotropic visco-hyperelastic tissue. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2007, 10, 223-235.	0.9	37
34	Rapid shape determination of tissue transglutaminase using high-throughput computing. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2007, 63, 1022-1024.	2.5	2
35	Crosslinking and G-protein functions of transglutaminase 2 contribute differentially to fibroblast wound healing responses. <i>Journal of Cell Science</i> , 2004, 117, 3389-3403.	1.2	131
36	Transglutaminase 2-/- mice reveal a phagocytosis-associated crosstalk between macrophages and apoptotic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7812-7817.	3.3	249

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37	Characterization of the Mouse Matrilin-4 Gene: A 5â€² Antiparallel Overlap with the Gene Encoding the Transcription Factor RBP-L. <i>Genomics</i> , 2001, 76, 89-98.	1.3	14
38	Analysis of changes in mRNA levels of myoblast- and fibroblast-derived gene products in healing skeletal muscle using quantitative reverse transcription-polymerase chain reaction. <i>Journal of Orthopaedic Research</i> , 2001, 19, 565-572.	1.2	35
39	Evolution of Transglutaminase Genes: Identification of a Transglutaminase Gene Cluster on Human Chromosome 15q15. <i>Journal of Biological Chemistry</i> , 2001, 276, 33066-33078.	1.6	172
40	Protein Crosslinking in Assembly and Remodelling of Extracellular Matrices: The Role of Transglutaminases. <i>Connective Tissue Research</i> , 2000, 41, 1-27.	1.1	303
41	Cell Surface Localization of Tissue Transglutaminase Is Dependent on a Fibronectin-binding Site in Its N-terminal Î²-Sandwich Domain. <i>Journal of Biological Chemistry</i> , 1999, 274, 30707-30714.	1.6	125
42	The Intrinsic Factor-Vitamin B12 Receptor, Cubilin, Is Assembled into Trimers via a Coiled-coil Î±-Helix. <i>Journal of Biological Chemistry</i> , 1999, 274, 6374-6380.	1.6	25
43	New strategy for chemical modification of hyaluronic acid: Preparation of functionalized derivatives and their use in the formation of novel biocompatible hydrogels. , 1999, 47, 152-169.		476
44	New strategy for chemical modification of hyaluronic acid: Preparation of functionalized derivatives and their use in the formation of novel biocompatible hydrogels. <i>Journal of Biomedical Materials Research Part B</i> , 1999, 47, 152.	3.0	12
45	In Vitro and Rapid In Situ Transglutaminase Assays for Congenital Ichthyoses â€œ A Comparative Study. <i>Journal of Investigative Dermatology</i> , 1998, 110, 268-271.	0.3	52
46	Restricted localization of thrombospondin-2 protein during mouse embryogenesis: A comparison to thrombospondin-1. <i>Matrix Biology</i> , 1998, 17, 131-143.	1.5	51
47	Isolation of a cDNA Encoding a Novel Member of the Transglutaminase Gene Family from Human Keratinocytes. <i>Journal of Biological Chemistry</i> , 1998, 273, 3452-3460.	1.6	80
48	Protein Cross-linking Mediated by Tissue Transglutaminase Correlates with the Maturation of Extracellular Matrices During Lung Development. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1997, 17, 334-343.	1.4	46
49	Expression and initial characterization of recombinant mouse thrombospondin 1 and thrombospondin 3. <i>FEBS Letters</i> , 1996, 387, 36-41.	1.3	15
50	Tissue Transglutaminase and Factor XIII in Cartilage and Bone Remodeling. <i>Seminars in Thrombosis and Hemostasis</i> , 1996, 22, 437-443.	1.5	98
51	Two Adjacent N-terminal Glutamines of BM-40 (Osteonectin, SPARC) Act as Amine Acceptor Sites in TransglutaminaseC-catalyzed Modification. <i>Journal of Biological Chemistry</i> , 1995, 270, 23415-23420.	1.6	52
52	Transglutaminase-catalyzed crosslinking of fibrils of collagen V/XI in A204 rhabdomyosarcoma cells. <i>Biochemistry</i> , 1995, 34, 13768-13775.	1.2	106
53	Transglutaminases: Protein Cross-Linking Enzymes in Tissues and Body Fluids. <i>Thrombosis and Haemostasis</i> , 1994, 71, 402-415.	1.8	433
54	The kidney as a novel target tissue for protein adduct formation associated with metabolism of halothane and the candidate chlorofluorocarbon replacement 2,2-dichloro-1,1,1-trifluoroethane. <i>FEBS Journal</i> , 1992, 207, 229-238.	0.2	28