

David R Sell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1202031/publications.pdf>

Version: 2024-02-01

32
papers

1,968
citations

394286

19
h-index

552653

26
g-index

35
all docs

35
docs citations

35
times ranked

2419
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycation and Carboxymethyllysine Levels in Skin Collagen Predict the Risk of Future 10-Year Progression of Diabetic Retinopathy and Nephropathy in the Diabetes Control and Complications Trial and Epidemiology of Diabetes Interventions and Complications Participants With Type 1 Diabetes. <i>Diabetes</i> , 2005, 54, 3103-3111.	0.3	384
2	Molecular Basis of Arterial Stiffening: Role of Glycation – A Mini-Review. <i>Gerontology</i> , 2012, 58, 227-237.	1.4	242
3	Glucosepane Is a Major Protein Cross-link of the Senescent Human Extracellular Matrix. <i>Journal of Biological Chemistry</i> , 2005, 280, 12310-12315.	1.6	175
4	Pentosidine: A molecular marker for the cumulative damage to proteins in diabetes, aging, and uremia. <i>Diabetes/metabolism Reviews</i> , 1991, 7, 239-251.	0.4	170
5	Isolation, Purification and Partial Characterization of Novel Fluorophores from aging Human Insoluble Collagen-Rich Tissue. <i>Connective Tissue Research</i> , 1989, 19, 77-92.	1.1	133
6	Skin Advanced Glycation End Products Glucosepane and Methylglyoxal Hydroimidazolone Are Independently Associated With Long-term Microvascular Complication Progression of Type 1 Diabetes. <i>Diabetes</i> , 2015, 64, 266-278.	0.3	115
7	Advanced Glycation End-Products Reduce Collagen Molecular Sliding to Affect Collagen Fibril Damage Mechanisms but Not Stiffness. <i>PLoS ONE</i> , 2014, 9, e110948.	1.1	113
8	2-Amino adipic acid is a marker of protein carbonyl oxidation in the aging human skin: effects of diabetes, renal failure and sepsis. <i>Biochemical Journal</i> , 2007, 404, 269-277.	1.7	110
9	Anaerobic vs aerobic pathways of carbonyl and oxidant stress in human lens and skin during aging and in diabetes: A comparative analysis. <i>Free Radical Biology and Medicine</i> , 2010, 49, 847-856.	1.3	63
10	Conversion of Arginine into Ornithine by Advanced Glycation in Senescent Human Collagen and Lens Crystallins. <i>Journal of Biological Chemistry</i> , 2004, 279, 54173-54184.	1.6	57
11	The Effect of Caloric Restriction on Glycation and Glycooxidation in Skin Collagen of Nonhuman Primates. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2003, 58, B508-B516.	1.7	46
12	The association between skin collagen glucosepane and past progression of microvascular and neuropathic complications in type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2013, 27, 141-149.	1.2	46
13	Skin collagen advanced glycation endproducts (AGEs) and the long-term progression of sub-clinical cardiovascular disease in type 1 diabetes. <i>Cardiovascular Diabetology</i> , 2015, 14, 118.	2.7	46
14	Hand, shoulder and back stiffness in long-term type 1 diabetes; cross-sectional association with skin collagen advanced glycation end-products. The Dialong study. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1408-1414.	1.2	42
15	Biological Effects Induced by Specific Advanced Glycation End Products in the Reconstructed Skin Model of Aging. <i>BioResearch Open Access</i> , 2015, 4, 54-64.	2.6	33
16	GWAS identifies an NAT2 acetylator status tag single nucleotide polymorphism to be a major locus for skin fluorescence. <i>Diabetologia</i> , 2014, 57, 1623-1634.	2.9	32
17	The pecking order of skin Advanced Glycation Endproducts (AGEs) as long-term markers of glycemic damage and risk factors for micro- and subclinical macrovascular disease progression in Type 1 diabetes. <i>Glycoconjugate Journal</i> , 2016, 33, 569-579.	1.4	26
18	Partial characterization of the molecular nature of collagen-linked fluorescence: Role of diabetes and end-stage renal disease. <i>Archives of Biochemistry and Biophysics</i> , 2010, 493, 192-206.	1.4	24

#	ARTICLE	IF	CITATIONS
19	<i>Aging, Diabetes, and Renal Failure Catalyze the Oxidation of Lysyl Residues to 2-aminoadipic Acid in Human Skin Collagen</i>. Annals of the New York Academy of Sciences, 2008, 1126, 205-209.	1.8	20
20	Ornithine Is a Novel Amino Acid and a Marker of Arginine Damage by Oxaldehydes in Senescent Proteins. Annals of the New York Academy of Sciences, 2005, 1043, 118-128.	1.8	19
21	Skin collagen fluorophore LW-1 versus skin fluorescence as markers for the long-term progression of subclinical macrovascular disease in type 1 diabetes. Cardiovascular Diabetology, 2016, 15, 30.	2.7	19
22	Vitamin C is a source of oxoaldehyde and glycative stress in age-related cataract and neurodegenerative diseases. Aging Cell, 2020, 19, e13176.	3.0	12
23	New Locus for Skin Intrinsic Fluorescence in Type 1 Diabetes Also Associated With Blood and Skin Glycated Proteins. Diabetes, 2016, 65, 2060-2071.	0.3	10
24	Collagen methionine sulfoxide and glucuronidine/LW-1 are markers of coronary artery disease in long-term survivors with type 1 diabetes. The Dialong study. PLoS ONE, 2020, 15, e0233174.	1.1	8
25	Evidence of glucuronidation of the glycation product LW-1: tentative structure and implications for the long-term complications of diabetes. Glycoconjugate Journal, 2018, 35, 177-190.	1.4	7
26	Glycooxidative and Carbonyl Stress in Aging and Age-Related Diseases. , 2002, , 413-433.		1
27	Title is missing!. , 2020, 15, e0233174.		0
28	Title is missing!. , 2020, 15, e0233174.		0
29	Title is missing!. , 2020, 15, e0233174.		0
30	Title is missing!. , 2020, 15, e0233174.		0
31	Title is missing!. , 2020, 15, e0233174.		0
32	Title is missing!. , 2020, 15, e0233174.		0