David R Sell

List of Publications by Year
in descending order

32	1,968	394286	552653
papers	citations	19 h-index	26 g-index

35	35	35	2419
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Vitamin C is a source of oxoaldehyde and glycative stress in ageâ€related cataract and neurodegenerative diseases. Aging Cell, 2020, 19, e13176.	3.0	12
3	Title is missing!. , 2020, 15, e0233174.		0
4	Title is missing!. , 2020, 15, e0233174.		0
5	Title is missing!. , 2020, 15, e0233174.		0
6	Title is missing!. , 2020, 15, e0233174.		0
7	Title is missing!. , 2020, 15, e0233174.		0
8	Title is missing!. , 2020, 15, e0233174.		0
9	Evidence of glucuronidationÂof 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
10	Hand, shoulder and back stiffness in long-term type 1 diabetes; cross-sectional association with skin collagen advanced glycation end-products. The Dialong study. Journal of Diabetes and Its Complications, 2017, 31, 1408-1414.	1.2	42
11	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
12	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
13	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. Glycoconjugate Journal, 2016, 33, 569-579.	1.4	26
14	Skin collagen advanced glycation endproducts (AGEs) and the long-term progression of sub-clinical cardiovascular disease in type 1 diabetes. Cardiovascular Diabetology, 2015, 14, 118.	2.7	46
15	Biological Effects Induced by Specific Advanced Glycation End Products in the Reconstructed Skin Model of Aging. BioResearch Open Access, 2015, 4, 54-64.	2.6	33
16	Skin Advanced Glycation End Products Glucosepane and Methylglyoxal Hydroimidazolone Are Independently Associated With Long-term Microvascular Complication Progression of Type 1 Diabetes. Diabetes, 2015, 64, 266-278.	0.3	115
17	Advanced Glycation End-Products Reduce Collagen Molecular Sliding to Affect Collagen Fibril Damage Mechanisms but Not Stiffness. PLoS ONE, 2014, 9, e110948.	1.1	113
18	GWAS identifies an NAT2 acetylator status tag single nucleotide polymorphism to be a major locus for skin fluorescence. Diabetologia, 2014, 57, 1623-1634.	2.9	32

#	Article	IF	Citations
19	The association between skin collagen glucosepane and past progression of microvascular and neuropathic complications in type 1 diabetes. Journal of Diabetes and Its Complications, 2013, 27, 141-149.	1.2	46
20	Molecular Basis of Arterial Stiffening: Role of Glycation â€“ A Mini-Review. Gerontology, 2012, 58, 227-237.	1.4	242
21	Anaerobic vs aerobic pathways of carbonyl and oxidant stress in human lens and skin during aging and in diabetes: A comparative analysis. Free Radical Biology and Medicine, 2010, 49, 847-856.	1.3	63
22	Partial characterization of the molecular nature of collagen-linked fluorescence: Role of diabetes and end-stage renal disease. Archives of Biochemistry and Biophysics, 2010, 493, 192-206.	1.4	24
23	Aging, Diabetes, and Renal Failure Catalyze the Oxidation of Lysyl Residues to 2â€Aminoadipic Acid in Human Skin Collagen. Annals of the New York Academy of Sciences, 2008, 1126, 205-209.	1.8	20
24	2-Aminoadipic acid is a marker of protein carbonyl oxidation in the aging human skin: effects of diabetes, renal failure and sepsis. Biochemical Journal, 2007, 404, 269-277.	1.7	110
25	Ornithine Is a Novel Amino Acid and a Marker of Arginine Damage by Oxoaldehydes in Senescent Proteins. Annals of the New York Academy of Sciences, 2005, 1043, 118-128.	1.8	19
26	Glucosepane Is a Major Protein Cross-link of the Senescent Human Extracellular Matrix. Journal of Biological Chemistry, 2005, 280, 12310-12315.	1.6	175
27	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. Diabetes, 2005, 54, 3103-3111.	0.3	384
28	Conversion of Arginine into Ornithine by Advanced Glycation in Senescent Human Collagen and Lens Crystallins. Journal of Biological Chemistry, 2004, 279, 54173-54184.	1.6	57
29	The Effect of Caloric Restriction on Glycation and Glycoxidation in Skin Collagen of Nonhuman Primates. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2003, 58, B508-B516.	1.7	46
30	Glycoxidative and Carbonyl Stress in Aging and Age-Related Diseases. , 2002, , 413-433.		1
31	Pentosidine: A molecular marker for the cumulative damage to proteins in diabetes, aging, and uremia. Diabetes/metabolism Reviews, 1991, 7, 239-251.	0.4	170
32	Isolation, Purification and Partial Characterization of Novel Fluorophores from aging Human Insoluble Collagen-Rich Tissue. Connective Tissue Research, 1989, 19, 77-92.	1.1	133