Jane Eb Reusch

List of Publications by Year in descending order

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43973 26548 12,076 119 48 107 citations h-index g-index papers 123 123 123 22400 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Trends in Timing of and Glycemia at Initiation of Second-line Type 2 Diabetes Treatment in U.S. Adults. Diabetes Care, 2022, 45, 1335-1345.	4.3	2
2	Sex Differences in Cardiovascular Consequences of Hypertension, Obesity, and Diabetes. Journal of the American College of Cardiology, 2022, 79, 1492-1505.	1.2	32
3	Impact of Obesity on Measures of Cardiovascular and Kidney Health in Youth With Type 1 Diabetes as Compared With Youth With Type 2 Diabetes. Diabetes Care, 2021, 44, 795-803.	4.3	11
4	Acute effects of sedentary breaks on vascular health in adults at risk for type 2 diabetes: A systematic review. Vascular Medicine, 2021, 26, 448-458.	0.8	5
5	Serum copeptin and NT-proBNP is associated with central aortic stiffness and flow hemodynamics in adolescents with type 1 diabetes: A pilot study. Journal of Diabetes and Its Complications, 2021, 35, 107883.	1.2	4
6	Career Advancement for Women in Diabetes-Related Research: Developing and Retaining Female Talent. Diabetes, 2021, 70, 1634-1637.	0.3	4
7	Career Advancement for Women in Diabetes-Related Research: Developing and Retaining Female Talent. Diabetes Care, 2021, 44, 1744-1747.	4.3	5
8	The Evolution of Hemoglobin A1c Targets for Youth With Type 1 Diabetes: Rationale and Supporting Evidence. Diabetes Care, 2021, 44, 301-312.	4.3	32
9	Blunted Muscle Mitochondrial Responses to Exercise Training in Older Adults With HIV. Journal of Infectious Diseases, 2021, 224, 679-683.	1.9	4
10	Mechanistic Causes of Reduced Cardiorespiratory Fitness in Type 2 Diabetes. Journal of the Endocrine Society, 2020, 4, bvaa063.	0.1	13
11	Frequency of Reduced Left Ventricular Contractile Efficiency and Discoordinated Myocardial Relaxation in Patients Aged 16 to 21 Years With Type 1 Diabetes Mellitus (from the Emerald Study). American Journal of Cardiology, 2020, 128, 45-53.	0.7	11
12	Sex Differences Across the Lifespan: A Focus on Cardiometabolism. Journal of Women's Health, 2020, 29, 899-909.	1.5	2
13	Regional differences in the management of cardiovascular risk factors among adults with diabetes: An evaluation of the Diabetes Collaborative Registry. Journal of Diabetes and Its Complications, 2020, 34, 107591.	1.2	3
14	Cardiovascular disease in young People with Type 1 Diabetes: Search for Cardiovascular Biomarkers. Journal of Diabetes and Its Complications, 2020, 34, 107651.	1.2	13
15	CREB depletion in smooth muscle cells promotes medial thickening, adventitial fibrosis and elicits pulmonary hypertension. Pulmonary Circulation, 2020, 10, 1-15.	0.8	8
16	Impact of Regulatory Guidance on Evaluating Cardiovascular Risk of New Glucose-Lowering Therapies to Treat Type 2 Diabetes Mellitus. Circulation, 2020, 141, 843-862.	1.6	62
17	<scp>GLP</scp> â€1 and insulin regulation of skeletal and cardiac muscle microvascular perfusion in type 2 diabetes. Journal of Diabetes, 2020, 12, 488-498.	0.8	17
18	Association of Glycemic Control Trajectory with Short-Term Mortality in Diabetes Patients with High Cardiovascular Risk: a Joint Latent Class Modeling Study. Journal of General Internal Medicine, 2020, 35, 2266-2273.	1.3	7

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19	Effects Of Moderate Versus Vigorous Intensity Exercise Training In Older Adults With Prediabetes. Medicine and Science in Sports and Exercise, 2020, 52, 839-840.	0.2	O
20	Sex differences in the burden of type 2 diabetes and cardiovascular risk across the life course. Diabetologia, 2019, 62, 1761-1772.	2.9	200
21	Sitagliptin improves diastolic cardiac function but not cardiorespiratory fitness in adults with type 2 diabetes. Journal of Diabetes and Its Complications, 2019, 33, 561-566.	1.2	8
22	The Diabetes Story: A Call to Action. Diabetes Care, 2019, 42, 713-717.	4.3	4
23	\hat{l}^2 Cell dysfunction during progression of metabolic syndrome to type 2 diabetes. Journal of Clinical Investigation, 2019, 129, 4001-4008.	3.9	193
24	Effect of Exercise Training Intensity on Glycemic Control in Older Adults with Prediabetes. Medicine and Science in Sports and Exercise, 2019, 51, 468-468.	0.2	0
25	Supplemental Oxygen Improves In Vivo Mitochondrial Oxidative Phosphorylation Flux in Sedentary Obese Adults With Type 2 Diabetes. Diabetes, 2018, 67, 1369-1379.	0.3	22
26	Achieving ADA/ISPAD clinical guideline goals is associated with higher insulin sensitivity and cardiopulmonary fitness in adolescents with type 1 diabetes: Results from RESistance to InSulin in Type 1 ANd Type 2 diabetes (RESISTANT) and Effects of MEtform. Pediatric Diabetes, 2018, 19, 436-442.	1.2	10
27	Metformin Improves Insulin Sensitivity and Vascular Health in Youth With Type 1 Diabetes Mellitus. Circulation, 2018, 138, 2895-2907.	1.6	94
28	Identifying the Critical Gaps in Research on Sex Differences in Metabolism Across the Life Span. Endocrinology, 2018, 159, 9-19.	1.4	25
29	Mechanisms of Aerobic Exercise Impairment in Diabetes: A Narrative Review. Frontiers in Endocrinology, 2018, 9, 181.	1.5	28
30	Glucagon-like peptide-1 receptor antagonism impairs basal exercise capacity and vascular adaptation to aerobic exercise training in rats. Physiological Reports, 2018, 6, e13754.	0.7	9
31	Automated quantification of microvascular perfusion. Microcirculation, 2018, 25, e12482.	1.0	8
32	A conceptual framework for predicting and addressing the consequences of diseaseâ€related microvascular dysfunction. Microcirculation, 2017, 24, e12359.	1.0	16
33	Management of Type 2 Diabetes in 2017. JAMA - Journal of the American Medical Association, 2017, 317, 1015.	3.8	118
34	Impaired Tissue Oxygenation in Metabolic Syndrome Requires Increased Microvascular Perfusion Heterogeneity. Journal of Cardiovascular Translational Research, 2017, 10, 69-81.	1.1	20
35	Metformin prevents ischaemic ventricular fibrillation in metabolically normal pigs. Diabetologia, 2017, 60, 1550-1558.	2.9	16
36	Dissociation of local and global skeletal muscle oxygen transport metrics in type 2 diabetes. Journal of Diabetes and Its Complications, 2017, 31, 1311-1317.	1.2	22

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37	Leptin is associated with cardiopulmonary fitness independent of body-mass index and insulin sensitivity in adolescents with type 1 diabetes: a brief report from the EMERALD study. Journal of Diabetes and Its Complications, 2017, 31, 850-853.	1.2	8
38	Three-year data from 5 HARMONY phase 3 clinical trials of albiglutide in type 2 diabetes mellitus: Long-term efficacy with or without rescue therapy. Diabetes Research and Clinical Practice, 2017, 131, 49-60.	1.1	26
39	Insulin resistance in type 2 diabetes youth relates to serum free fatty acids and muscle mitochondrial dysfunction. Journal of Diabetes and Its Complications, 2017, 31, 141-148.	1.2	40
40	Exenatide improves diastolic function and attenuates arterial stiffness but does not alter exercise capacity in individuals with type 2 diabetes. Journal of Diabetes and Its Complications, 2017, 31, 449-455.	1.2	56
41	The endothelial glycocalyx promotes homogenous blood flow distribution within the microvasculature. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H168-H176.	1.5	43
42	Cardiopulmonary Dysfunction and Adiponectin in Adolescents With Type 2 Diabetes. Journal of the American Heart Association, 2016, 5, e002804.	1.6	41
43	Youth with type 1 diabetes have worse strain and less pronounced sex differences in early echocardiographic markers of diabetic cardiomyopathy compared to their normoglycemic peers: A RESistance to InSulin in Type 1 ANd Type 2 diabetes (RESISTANT) Study. Journal of Diabetes and Its Complications, 2016, 30, 1103-1110.	1.2	31
44	Varicella zoster virus infection of human fetal lung cells alters mitochondrial morphology. Journal of NeuroVirology, 2016, 22, 674-682.	1.0	7
45	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
46	Raw and processed microscope images of fixed cells at baseline and following various experimental perturbations. Data in Brief, 2016, 6, 998-1006.	0.5	0
47	Fully automated software for quantitative measurements of mitochondrial morphology. Mitochondrion, 2016, 26, 58-71.	1.6	13
48	Sex Differences in the Effects of Type 2 Diabetes on Exercise Performance. Medicine and Science in Sports and Exercise, 2015, 47, 58-65.	0.2	45
49	Sex Differences in the Cardiovascular Consequences of Diabetes Mellitus. Circulation, 2015, 132, 2424-2447.	1.6	239
50	Renal Function Is Associated With Peak Exercise Capacity in Adolescents With Type 1 Diabetes. Diabetes Care, 2015, 38, 126-131.	4.3	22
51	Delayed Skeletal Muscle Mitochondrial ADP Recovery in Youth With Type 1 Diabetes Relates to Muscle Insulin Resistance. Diabetes, 2015, 64, 383-392.	0.3	72
52	Saxagliptin Restores Vascular Mitochondrial Exercise Response in the Goto-Kakizaki Rat. Journal of Cardiovascular Pharmacology, 2015, 65, 137-147.	0.8	46
53	Obesityâ€Related Pulmonary Arterial Hypertension in Rats Correlates with Increased Circulating Inflammatory Cytokines and Lipids and with Oxidant Damage in the Arterial Wall but not with Hypoxia. Pulmonary Circulation, 2014, 4, 638-653.	0.8	26
54	Efficacy and safety of onceâ€weekly glucagonâ€like peptide 1 receptor agonist albiglutide (<scp>HARMONY</scp> 1 trial): 52â€week primary endpoint results from a randomized, doubleâ€blind, placeboâ€controlled trial in patients with type 2 diabetes mellitus not controlled on pioglitazone, with or without metformin. Diabetes, Obesity and Metabolism, 2014, 16, 1257-1264.	2.2	85

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55	Method for Controlled Mitochondrial Perturbation during Phosphorus MRS in Children. Medicine and Science in Sports and Exercise, 2014, 46, 2030-2036.	0.2	15
56	Targeting mitochondria to restore failed adaptation to exercise in diabetes. Biochemical Society Transactions, 2014, 42, 231-238.	1.6	11
57	Arterial insulin resistance in Yucatan micropigs with diet-induced obesity and metabolic syndrome. Journal of Diabetes and Its Complications, 2013, 27, 307-315.	1.2	6
58	Type 2 diabetes mellitus and exercise impairment. Reviews in Endocrine and Metabolic Disorders, 2013, 14, 77-86.	2.6	112
59	Inhibition of Phosphatidylinositol 3-kinase/Akt Signaling Attenuates Hypoxia-induced Pulmonary Artery Remodeling and Suppresses CREB Depletion in Arterial Smooth Muscle Cells. Journal of Cardiovascular Pharmacology, 2013, 62, 539-548.	0.8	43
60	Impaired response to exercise intervention in the vasculature in metabolic syndrome. Diabetes and Vascular Disease Research, 2013, 10, 222-238.	0.9	23
61	Diabetes and Cardiovascular Disease: Changing the Focus from Glycemic Control to Improving Long-Term Survival. American Journal of Cardiology, 2012, 110, 58B-68B.	0.7	64
62	Reduction of Reactive Oxygen Species Prevents Hypoxia-induced CREB Depletion in Pulmonary Artery Smooth Muscle Cells. Journal of Cardiovascular Pharmacology, 2011, 58, 181-191.	0.8	30
63	Cardiovascular Function/Dysfunction in Adolescents with Type 1 Diabetes. Current Diabetes Reports, 2011, 11, 185-192.	1.7	15
64	Cardiovascular Disease in Diabetes: Where Does Glucose Fit In?. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2367-2376.	1.8	54
65	Beyond Phosphorylation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1955-1956.	1.1	1
66	CREB Downregulation in Vascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 733-741.	1.1	76
67	Insulin Resistance in Adolescents with Type 1 Diabetes and Its Relationship to Cardiovascular Function. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 513-521.	1.8	258
68	Thiazolidinediones Prevent PDGF-BB-induced CREB Depletion in Pulmonary Artery Smooth Muscle Cells by Preventing Upregulation of Casein Kinase 2 α′ Catalytic Subunit. Journal of Cardiovascular Pharmacology, 2010, 55, 469-480.	0.8	13
69	Potential of Albiglutide, a Long-Acting GLP-1 Receptor Agonist, in Type 2 Diabetes. Diabetes Care, 2009, 32, 1880-1886.	4.3	209
70	WISP1, a Pro-mitogenic, Pro-survival Factor, Mediates Tumor Necrosis Factor-α (TNF-α)-stimulated Cardiac Fibroblast Proliferation but Inhibits TNF-α-induced Cardiomyocyte Death. Journal of Biological Chemistry, 2009, 284, 14414-14427.	1.6	102
71	Nonesterified fatty acid exposure activates protective and mitogenic pathways in vascular smooth muscle cells by alternate signaling pathways. Metabolism: Clinical and Experimental, 2009, 58, 319-327.	1.5	10
72	Efficacy and safety of the dipeptidyl peptidase-4 inhibitor alogliptin added to pioglitazone in patients with type 2 diabetes: a randomized, double-blind, placebo-controlled study. Current Medical Research and Opinion, 2009, 25, 2361-2371.	0.9	124

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73	Insulin Resistance in Adolescents with Type 2 Diabetes Is Associated with Impaired Exercise Capacity. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3687-3695.	1.8	172
74	Women with type 2 diabetes perceive harder effort during exercise than nondiabetic women. Applied Physiology, Nutrition and Metabolism, 2009, 34, 851-857.	0.9	52
75	Cardiac Dysfunction during Exercise in Uncomplicated Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2009, 41, 977-984.	0.2	76
76	Exercise Performance and Effects of Exercise Training in Diabetes., 2009,, 85-107.		1
77	Exercise and Type 2 Diabetes in Youth. , 2009, , 301-310.		0
78	Skeletal Muscle Deoxygenation After the Onset of Moderate Exercise Suggests Slowed Microvascular Blood Flow Kinetics in Type 2 Diabetes. Diabetes Care, 2007, 30, 2880-2885.	4.3	172
79	Atherosclerosis in diabetes and insulin resistance. Diabetes, Obesity and Metabolism, 2007, 9, 455-463.	2.2	45
80	Discordance between intramuscular triglyceride and insulin sensitivity in skeletal muscle of Zucker diabetic rats after treatment with fenofibrate and rosiglitazone. Diabetes, Obesity and Metabolism, 2007, 9, 714-723.	2.2	15
81	Dominant negative mutant forms of the cAMP response element binding protein induce apoptosis and decrease the anti-apoptotic action of growth factors in human islets. Diabetologia, 2007, 50, 1649-1659.	2.9	30
82	Chapter 11 Disruption of CREB regulated of gene expression in diabetes. Advances in Molecular and Cellular Endocrinology, 2006, , 211-318.	0.1	1
83	Platelet-Derived Growth Factor BB Induces Nuclear Export and Proteasomal Degradation of CREB via Phosphatidylinositol 3-Kinase/Akt Signaling in Pulmonary Artery Smooth Muscle Cells. Molecular and Cellular Biology, 2006, 26, 4934-4948.	1.1	51
84	C-Reactive Protein Decreases Interleukin-10 Secretion in Activated Human Monocyte-Derived Macrophages via Inhibition of Cyclic AMP Production. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2469-2475.	1.1	66
85	Diabetes and Advanced Glycoxidation End Products. Diabetes Care, 2006, 29, 1420-1432.	4.3	250
86	CREB mediates ERK-induced survival of mouse renal tubular cells after oxidant stress. Kidney International, 2005, 68, 1573-1582.	2.6	53
87	Macrovascular Risk Factors in Patients With Diabetes: Physician Treatment Strategies and Extent of Control. Endocrine Practice, 2005, 11, 172-179.	1.1	8
88	Evaluating the Cardiovascular Effects of the Thiazolidinediones and Their Place in the Management of Type 2 Diabetes in Relation to the Metabolic Syndrome. Metabolic Syndrome and Related Disorders, 2005, 3, 147-173.	0.5	3
89	Rosiglitazone Improves Exercise Capacity in Individuals With Type 2 Diabetes. Diabetes Care, 2005, 28, 2877-2883.	4.3	79
90	Are Low-Income Elderly Patients at Risk for Poor Diabetes Care?. Diabetes Care, 2004, 27, 1060-1065.	4.3	62

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91	Loss of CREB Regulation of Vascular Smooth Muscle Cell Quiescence in Diabetes. Reviews in Endocrine and Metabolic Disorders, 2004, 5, 209-219.	2.6	12
92	Odorant Stimulation Enhances Survival of Olfactory Sensory Neurons via MAPK and CREB. Neuron, 2004, 41, 955-967.	3.8	115
93	Role for Oxidative Stress in the Regeneration of Islet Beta Cells?. Journal of Investigative Medicine, 2004, 52, 45-49.	0.7	16
94	Oxidative Stress in Type 1 Diabetes. Annals of the New York Academy of Sciences, 2003, 1005, 43-54.	1.8	158
95	Oxidative stress-mediated down-regulation of bcl-2 promoter in hippocampal neurons. Journal of Neurochemistry, 2003, 84, 982-996.	2.1	108
96	Cardiovascular risk in women with type 2 diabetes. Medical Clinics of North America, 2003, 87, 955-969.	1.1	11
97	Novel actions of thiazolidinediones on vascular function and exercise capacity. American Journal of Medicine, 2003, 115, 69-74.	0.6	21
98	SP600125, an inhibitor of c-jun N-terminal kinase, activates CREB by a p38 MAPK-mediated pathway. Biochemical and Biophysical Research Communications, 2003, 307, 855-860.	1.0	53
99	Thiazolidinedione Therapy: The Benefits of Aggressive and Early Use in Type 2 Diabetes. Diabetes Technology and Therapeutics, 2003, 5, 685-693.	2.4	4
100	Oral L-arginine and vitamins E and C improve endothelial function in women with type 2 diabetes. Vascular Medicine, 2003, 8, 169-175.	0.8	80
101	Cyclic AMP Response Element-Binding Protein in the Vessel Wall. Circulation, 2003, 108, 1164-1166.	1.6	23
102	Cytokine-mediated Down-regulation of the Transcription Factor cAMP-response Element-binding Protein in Pancreatic Î ² -Cells. Journal of Biological Chemistry, 2003, 278, 23055-23065.	1.6	70
103	Diabetes, microvascular complications, and cardiovascular complications: what is it about glucose?. Journal of Clinical Investigation, 2003, 112, 986-988.	3.9	104
104	Inhibition of cAMP-response Element-binding Protein Activity Decreases Protein Kinase B/Akt Expression in 3T3-L1 Adipocytes and Induces Apoptosis. Journal of Biological Chemistry, 2002, 277, 1426-1432.	1.6	69
105	Impaired Fibrinolysis in Premenopausal Women and Age-matched Men with Type 2 Diabetes Mellitus: A Pilot Study. Journal of Investigative Medicine, 2002, 50, 110-115.	0.7	10
106	Current concepts in insulin resistance, type 2 diabetes mellitus, and the metabolic syndrome. American Journal of Cardiology, 2002, 90, 19-26.	0.7	155
107	cAMP Response Element-binding Protein Content Is a Molecular Determinant of Smooth Muscle Cell Proliferation and Migration. Journal of Biological Chemistry, 2001, 276, 46132-46141.	1.6	132
108	Diabetes-related Changes in cAMP Response Element-binding Protein Content Enhance Smooth Muscle Cell Proliferation and Migration. Journal of Biological Chemistry, 2001, 276, 46142-46150.	1.6	75

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109	Insulin-induced Adipocyte Differentiation. Journal of Biological Chemistry, 2001, 276, 28430-28435.	1.6	165
110	Akt/Protein Kinase B Up-regulates Bcl-2 Expression through cAMP-response Element-binding Protein. Journal of Biological Chemistry, 2000, 275, 10761-10766.	1.6	710
111	CREB Activation Induces Adipogenesis in 3T3-L1 Cells. Molecular and Cellular Biology, 2000, 20, 1008-1020.	1.1	286
112	Effects of exercise training on oxygen uptake kinetic responses in women with type 2 diabetes. Diabetes Care, 1999, 22, 1640-1646.	4.3	125
113	Insulin-like Growth Factor I-mediated Activation of the Transcription Factor cAMP Response Element-binding Protein in PC12 Cells. Journal of Biological Chemistry, 1999, 274, 2829-2837.	1.6	111
114	Insulin-like Growth Factor-I Induces bcl-2 Promoter through the Transcription Factor cAMP-Response Element-binding Protein. Journal of Biological Chemistry, 1999, 274, 27529-27535.	1.6	179
115	Focus on Insulin Resistance in Type 2 Diabetes: Therapeutic Implications. The Diabetes Educator, 1998, 24, 188-193.	2.6	8
116	Insulin Stimulates cAMP-response Element Binding Protein Activity in HepG2 and 3T3-L1 Cell Lines. Journal of Biological Chemistry, 1998, 273, 917-923.	1.6	81
117	Functional Interactions of Phosphatidylinositol 3-Kinase with GTPase-Activating Protein in 3T3-L1 Adipocytes. Molecular and Cellular Biology, 1996, 16, 1450-1457.	1.1	33
118	Differential Requirement for p21 Activation in the Metabolic Signaling by Insulin. Journal of Biological Chemistry, 1995, 270, 2036-2040.	1.6	34
119	Preoperative Diagnosis of Lymphocytic Hypophysitis (Adenohypophysitis) Unresponsive to Short Course Dexamethasone. Neurosurgery, 1992, 30, 268-271.	0.6	69