Beth A Habecker

List of Publications by Year in Descending Order

84 papers	1,598 citations	24 h-index	35 g-index
98 ext. papers	1,845 ext. citations	4.8 avg, IF	4.44 L-index

#	Paper	IF	Citations
84	Research Opportunities in Autonomic Neural Mechanisms of Cardiopulmonary Regulation: A Report From the National Heart, Lung, and Blood Institute and the National Institutes of Health Office of the Director Workshop.. *JACC Basic To Translational Science*, **2022**, 7, 265-293	8.7	2
83	Untangling Peripheral Sympathetic Neurocircuits.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 842656	5.4	1
82	Phosphorylation of Lamin A/C at serine 22 modulates Na 1.5 function. *Physiological Reports*, **2021**, 9, e15121	2.6	1
81	Developmental exposure to DDT or DDE alters sympathetic innervation of brown adipose in adult female mice. *Environmental Health*, **2021**, 20, 37	6	2
80	Exploring gender differences in trajectories of clinical markers and symptoms after left ventricular assist device implantation. *European Journal of Cardiovascular Nursing*, **2021**, 20, 648-656	3.3	0
79	Characterizing Sex Differences in Physical Frailty Phenotypes in Heart Failure. *Circulation: Heart Failure*, **2021**, 14, e008076	7.6	5
78	What gets on the nerves of cardiac patients? pathophysiological changes in cardiac innervation.. *Journal of Physiology*, **2021**,	3.9	2
77	Cardiac sympathetic nerve transdifferentiation reduces action potential heterogeneity after myocardial infarction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2020**, 318, H558-H565	5.2	14
76	Adrenergic supersensitivity and impaired neural control of cardiac electrophysiology following regional cardiac sympathetic nerve loss. *Scientific Reports*, **2020**, 10, 18801	4.9	8
75	Sex differences in sympathetic gene expression and cardiac neurochemistry in Wistar Kyoto rats. *PLoS ONE*, **2019**, 14, e0218133	3.7	3
74	Sympathetic Markers are Different Between Clinical Responders and Nonresponders After Left Ventricular Assist Device Implantation. *Journal of Cardiovascular Nursing*, **2019**, 34, E1-E10	2.1	4
73	Transient denervation of viable myocardium after myocardial infarction does not alter arrhythmia susceptibility. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 314, H415-H423	5.2	8
72	Transcriptomic and neurochemical analysis of the stellate ganglia in mice highlights sex differences. *Scientific Reports*, **2018**, 8, 8963	4.9	9
71	Age-related changes in sympathetic responsiveness and cardiac electrophysiology. *FASEB Journal*, **2018**, 32, 901.13	0.9	
70	Age-related changes in cardiac electrophysiology and calcium handling in response to sympathetic nerve stimulation. *Journal of Physiology*, **2018**, 596, 3977-3991	3.9	21
69	Correlation between the high-frequency content of the QRS on murine surface electrocardiogram and the sympathetic nerves density in left ventricle after myocardial infarction: Experimental study. *Journal of Electrocardiology*, **2017**, 50, 323-331	1.4	7
68	Renal denervation in male rats with heart failure improves ventricular sympathetic nerve innervation and function. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2017**, 312, R368-R379	3.2	8

67	□Adrenergic Inhibition Prevents Action Potential and Calcium Handling Changes during Regional Myocardial Ischemia. *Frontiers in Physiology*, **2017**, 8, 630	4.6	5
66	Parasympathetic dysfunction and antiarrhythmic effect of vagal nerve stimulation following myocardial infarction. *JCI Insight*, **2017**, 2,	9.9	38
65	Systemic Inhibition of CREB is Well-tolerated in vivo. *Scientific Reports*, **2016**, 6, 34513	4.9	29
64	Molecular and cellular neurocardiology: development, and cellular and molecular adaptations to heart disease. *Journal of Physiology*, **2016**, 594, 3853-75	3.9	58
63	BMP7-induced dendritic growth in sympathetic neurons requires p75(NTR) signaling. *Developmental Neurobiology*, **2016**, 76, 1003-13	3.2	8
62	Myocardial Infarction Causes Transient Cholinergic Transdifferentiation of Cardiac Sympathetic Nerves via gp130. *Journal of Neuroscience*, **2016**, 36, 479-88	6.6	32
61	Molecular Mechanisms of Sympathetic Remodeling and Arrhythmias. *Circulation: Arrhythmia and Electrophysiology*, **2016**, 9, e001359	6.4	42
60	ERK5 induces ankrd1 for catecholamine biosynthesis and homeostasis in adrenal medullary cells. *Cellular Signalling*, **2016**, 28, 177-189	4.9	9
59	Disrupting protein tyrosine phosphatase □does not prevent sympathetic axonal dieback following myocardial infarction. *Experimental Neurology*, **2016**, 276, 1-4	5.7	1
58	Targeting protein tyrosine phosphatase □after myocardial infarction restores cardiac sympathetic innervation and prevents arrhythmias. *Nature Communications*, **2015**, 6, 6235	17.4	57
57	The biology of neurotrophins: cardiovascular function. *Handbook of Experimental Pharmacology*, **2014**, 220, 309-28	3.2	14
56	Unusual St□e-Wiedemann syndrome with complete maternal chromosome 5 isodisomy. *Annals of Clinical and Translational Neurology*, **2014**, 1, 926-32	5.3	13
55	Leptin stimulates sympathetic axon outgrowth. *Neuroscience Letters*, **2014**, 566, 1-5	3.3	10
54	Sympathetic denervation of peri-infarct myocardium requires the p75 neurotrophin receptor. *Experimental Neurology*, **2013**, 249, 111-9	5.7	23
53	STAT3 integrates cytokine and neurotrophin signals to promote sympathetic axon regeneration. *Molecular and Cellular Neurosciences*, **2013**, 56, 272-82	4.8	31
52	Regional changes in cardiac and stellate ganglion norepinephrine transporter in DOCA-salt hypertension. *Autonomic Neuroscience: Basic and Clinical*, **2013**, 179, 99-107	2.4	5
51	Infarct-derived chondroitin sulfate proteoglycans prevent sympathetic reinnervation after cardiac ischemia-reperfusion injury. *Journal of Neuroscience*, **2013**, 33, 7175-83	6.6	38
50	Sympathetic cardiac hyperinnervation and atrial autonomic imbalance in diet-induced obesity promote cardiac arrhythmias. *American Journal of Physiology - Heart and Circulatory Physiology*, **2013**, 305, H1530-7	5.2	23

49	ProNGF, a cytokine induced after myocardial infarction in humans, targets pericytes to promote microvascular damage and activation. *Journal of Experimental Medicine*, **2012**, 209, 2291-305	16.6	55
48	Altered atrial neurotransmitter release in transgenic p75(-/-) and gp130 KO mice. *Neuroscience Letters*, **2012**, 529, 55-9	3.3	6
47	The cardiac sympathetic co-transmitter galanin reduces acetylcholine release and vagal bradycardia: implications for neural control of cardiac excitability. *Journal of Molecular and Cellular Cardiology*, **2012**, 52, 667-76	5.8	56
46	Ciliary neurotrophic factor stimulates tyrosine hydroxylase activity. *Journal of Neurochemistry*, **2012** , 121, 700-4	6	10
45	gp130 cytokines stimulate proteasomal degradation of tyrosine hydroxylase via extracellular signal regulated kinases 1 and 2. *Journal of Neurochemistry*, **2012**, 120, 239-47	6	23
44	Proneurotrophins mediate peri-infarct sympathetic denervation following myocardial infarction. *FASEB Journal*, **2012**, 26, 902.4	0.9	
43	ProNGF, a cytokine induced after myocardial infarction in humans, targets pericytes to promote microvascular damage and activation. *Journal of Cell Biology*, **2012**, 199, i3-i3	7.3	
42	Altered norepinephrine content and ventricular function in p75NTR-/- mice after myocardial infarction. *Autonomic Neuroscience: Basic and Clinical*, **2011**, 164, 13-9	2.4	14
41	Cytokines inhibit norepinephrine transporter expression by decreasing Hand2. *Molecular and Cellular Neurosciences*, **2011**, 46, 671-80	4.8	20
40	Cardiac ischemia-reperfusion regulates sympathetic neuropeptide expression through gp130-dependent and independent mechanisms. *Neuropeptides*, **2011**, 45, 33-42	3.3	33
39	Infarction-induced cytokines cause local depletion of tyrosine hydroxylase in cardiac sympathetic nerves. *Experimental Physiology*, **2010**, 95, 304-14	2.4	27
38	Heterogeneous ventricular sympathetic innervation, altered beta-adrenergic receptor expression, and rhythm instability in mice lacking the p75 neurotrophin receptor. *American Journal of Physiology - Heart and Circulatory Physiology*, **2010**, 298, H1652-60	5.2	40
37	gp130 cytokines stimulate proteasomal degradation of tyrosine hydroxylase in sympathetic neurons by ERK-dependent pathway. *FASEB Journal*, **2010**, 24, lb522	0.9	
36	Absence of gp130 in dopamine beta-hydroxylase-expressing neurons leads to autonomic imbalance and increased reperfusion arrhythmias. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 297, H960-7	5.2	11
35	The dependence on gp130 cytokines of axotomy induced neuropeptide expression in adult sympathetic neurons. *Developmental Neurobiology*, **2009**, 69, 392-400	3.2	32
34	Gp130 cytokines stimulate proteasomal degradation of tyrosine hydroxylase in sympathetic neurons. *FASEB Journal*, **2009**, 23, 576.9	0.9	1
33	Post-infarct cardiac sympathetic hyperactivity regulates galanin expression. *Neuroscience Letters*, **2008**, 436, 163-6	3.3	17
32	Regulation of cardiac innervation and function via the p75 neurotrophin receptor. *Autonomic Neuroscience: Basic and Clinical*, **2008**, 140, 40-8	2.4	22

31	Cardiac norepinephrine transporter protein expression is inversely correlated to chamber norepinephrine content. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2008**, 295, R857-63	3.2	17
30	Postinfarct sympathetic hyperactivity differentially stimulates expression of tyrosine hydroxylase and norepinephrine transporter. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 294, H99-H106	5.2	39
29	Regulation of Galanin Expression by Post-infarct Cardiac Sympathetic Hyperactivity. *FASEB Journal*, **2007**, 21, A1263	0.9	
28	The lack of cardiotrophin-1 alters expression of interleukin-6 and leukemia inhibitory factor mRNA but does not impair cardiac injury response. *Cytokine*, **2006**, 36, 9-16	4	21
27	Chronic depolarization stimulates norepinephrine transporter expression via catecholamines. *Journal of Neurochemistry*, **2006**, 97, 1044-51	6	16
26	Mechanisms of galanin inhibition of cardiac parasympathetic transmission. *FASEB Journal*, **2006**, 20, A1201	0.9	
25	Developmental expression of the high affinity choline transporter in cholinergic sympathetic neurons. *Autonomic Neuroscience: Basic and Clinical*, **2005**, 123, 54-61	2.4	10
24	ERK1/2 is a negative regulator of homeodomain protein Arix/Phox2a. *Journal of Neurochemistry*, **2005**, 94, 1719-27	6	10
23	Myocardial infarction stimulates galanin expression in cardiac sympathetic neurons. *Neuropeptides*, **2005**, 39, 89-95	3.3	30
22	Ciliary neurotrophic factor suppresses Phox2a in sympathetic neurons. *NeuroReport*, **2004**, 15, 33-6	1.7	5
21	Infarction alters both the distribution and noradrenergic properties of cardiac sympathetic neurons. *American Journal of Physiology - Heart and Circulatory Physiology*, **2004**, 286, H2229-36	5.2	75
20	Regulation of noradrenergic function by inflammatory cytokines and depolarization. *Journal of Neurochemistry*, **2003**, 86, 774-83	6	54
19	Ganglionic tyrosine hydroxylase and norepinephrine transporter are decreased by increased sodium chloride in vivo and in vitro. *Autonomic Neuroscience: Basic and Clinical*, **2003**, 107, 85-98	2.4	20
18	Cytokine suppression of dopamine-beta-hydroxylase by extracellular signal-regulated kinase-dependent and -independent pathways. *Journal of Biological Chemistry*, **2003**, 278, 15897-904	5.4	27
17	Developmental regulation of neurotransmitter phenotype through tetrahydrobiopterin. *Journal of Neuroscience*, **2002**, 22, 9445-52	6.6	16
16	Norepinephrine transporter expression in cholinergic sympathetic neurons: differential regulation of membrane and vesicular transporters. *Developmental Biology*, **2000**, 220, 85-96	3.1	14
15	A sweat gland-derived differentiation activity acts through known cytokine signaling pathways. *Journal of Biological Chemistry*, **1997**, 272, 30421-8	5.4	54
14	Target regulation of VIP expression in sympathetic neurons. *Annals of the New York Academy of Sciences*, **1997**, 814, 198-208	6.5	9

13	Differential regulation of adrenergic receptor development by sympathetic innervation. *Journal of Neuroscience*, **1996**, 16, 229-37	6.6	20
12	Production of sweat gland cholinergic differentiation factor depends on innervation. *Developmental Biology*, **1995**, 167, 307-16	3.1	47
11	Regulation of muscarinic acetylcholine receptor expression and function. *Annals of the New York Academy of Sciences*, **1995**, 757, 180-5	6.5	
10	Molecular analysis of the regulation of muscarinic receptor expression and function. *Life Sciences*, **1995**, 56, 939-43	6.8	3
9	Cardiotrophin-1 is not the sweat gland-derived differentiation factor. *NeuroReport*, **1995**, 7, 41-44	1.7	28
8	Cardiotrophin-1 is not the sweat gland-derived differentiation factor. *NeuroReport*, **1995**, 7, 41-4	1.7	8
7	Noradrenergic regulation of cholinergic differentiation. *Science*, **1994**, 264, 1602-4	33.3	70
6	Isolation and characterization of a novel cDNA which identifies both neural-specific and ubiquitously expressed GS alpha mRNAs. *Journal of Neurochemistry*, **1993**, 61, 712-7	6	3
5	Regulation of expression and function of muscarinic receptors. *Life Sciences*, **1993**, 52, 429-32	6.8	13
4	Multiple second-messenger pathways mediate agonist regulation of muscarinic receptor mRNA expression. *Biochemistry*, **1993**, 32, 4986-90	3.2	19
3	Regulation of muscarinic acetylcholine receptor mRNA expression by activation of homologous and heterologous receptors. *Proceedings of the National Academy of Sciences of the United States of America*, **1992**, 89, 5035-8	11.5	53
2	Analysis of Muscarinic Acetylcholine Receptor Expression and Function. *Methods in Neurosciences*, **1992**, 116-134		11
1	Downregulation of M1 and M2 Muscarinic Receptor Subtypes in Y1 Mouse Adrenocarcinoma Cells **1989**, 251-262		1