

Sheryl E Koch

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

702
citations

623734

14
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	TRPV2 channel-based therapies in the cardiovascular field. Molecular underpinnings of clinically relevant therapies. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 159, 118-125.	2.9	8
2	Developmental and lifelong dioxin exposure induces measurable changes in cardiac structure and function in adulthood. <i>Scientific Reports</i> , 2021, 11, 10378.	3.3	0
3	Impaired Right Ventricular Calcium Cycling Is an Early Risk Factor in R14del-Phospholamban Arrhythmias. <i>Journal of Personalized Medicine</i> , 2021, 11, 502.	2.5	12
4	Pharmacologic Inhibition of Pain Response to Incomplete Vascular Occlusion Blunts Cardiovascular Preconditioning Response. <i>Cardiovascular Toxicology</i> , 2021, 21, 889-900.	2.7	3
5	Role of Known Transient Receptor Potential Vanilloid Channels in Modulating Cardiac Mechanobiology. <i>Frontiers in Physiology</i> , 2021, 12, 734113.	2.8	7
6	Dioxin Disrupts Dynamic DNA Methylation Patterns in Genes That Govern Cardiomyocyte Maturation. <i>Toxicological Sciences</i> , 2020, 178, 325-337.	3.1	7
7	Probenecid treatment improves outcomes in a novel mouse model of peripartum cardiomyopathy. <i>PLoS ONE</i> , 2020, 15, e0230386.	2.5	7
8	Shear wave elastography in ex vivo and in vivo skin using high-frequency ultrasound imaging. , 2020, , .		1
9	Dilated cardiomyopathy-mediated heart failure induces a unique skeletal muscle myopathy with inflammation. <i>Skeletal Muscle</i> , 2019, 9, 4.	4.2	12
10	Cardioprotection via the skin: nociceptor-induced conditioning against cardiac MI in the NIC of time. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H543-H553.	3.2	14
11	Prenatal exposure to PCBs in Cyp1a2 knock-out mice interferes with F1 fertility, impairs long-term potentiation, reduces acoustic startle and impairs conditioned freezing contextual memory with minimal transgenerational effects. <i>Journal of Applied Toxicology</i> , 2019, 39, 603-621.	2.8	4
12	Probenecid Improves Cardiac Function in Patients With Heart Failure With Reduced Ejection Fraction In Vivo and Cardiomyocyte Calcium Sensitivity In Vitro. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	23
13	Tranilast Blunts the Hypertrophic and Fibrotic Response to Increased Afterload Independent of Cardiomyocyte Transient Receptor Potential Vanilloid 2 Channels. <i>Journal of Cardiovascular Pharmacology</i> , 2018, 72, 40-48.	1.9	9
14	Transient receptor potential vanilloid 2 function regulates cardiac hypertrophy via stretch-induced activation. <i>Journal of Hypertension</i> , 2017, 35, 602-611.	0.5	23
15	Aryl Hydrocarbon Receptor Ablation in Cardiomyocytes Protects Male Mice From Heart Dysfunction Induced by NKX2.5 Haploinsufficiency. <i>Toxicological Sciences</i> , 2017, 160, 74-82.	3.1	5
16	The role of transient receptor potential vanilloid 2 channel in cardiac aging. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 863-873.	2.9	12
17	Ah receptor expression in cardiomyocytes protects adult female mice from heart dysfunction induced by TCDD exposure. <i>Toxicology</i> , 2016, 355-356, 9-20.	4.2	8
18	Disruption of Ah Receptor Signaling during Mouse Development Leads to Abnormal Cardiac Structure and Function in the Adult. <i>PLoS ONE</i> , 2015, 10, e0142440.	2.5	42

#	ARTICLE	IF	CITATIONS
19	Ah Receptor Signaling Controls the Expression of Cardiac Development and Homeostasis Genes. <i>Toxicological Sciences</i> , 2015, 147, 425-435.	3.1	38
20	Transient Receptor Potential Vanilloid 2 Regulates Myocardial Response to Exercise. <i>PLoS ONE</i> , 2015, 10, e0136901.	2.5	15
21	Acute consumption of a high-fat diet prior to ischemia-reperfusion results in cardioprotection through NF- κ B-dependent regulation of autophagic pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1705-H1713.	3.2	29
22	Increased fibrosis and progression to heart failure in MRL mice following ischemia/reperfusion injury. <i>Cardiovascular Pathology</i> , 2014, 23, 327-334.	1.6	22
23	Novel role of transient receptor potential vanilloid 2 in the regulation of cardiac performance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H574-H584.	3.2	55
24	Age- and Gender-Related Changes in Ventricular Performance in Wild-Type FVB/N Mice as Evaluated by Conventional and Vector Velocity Echocardiography Imaging: A Retrospective Study. <i>Ultrasound in Medicine and Biology</i> , 2013, 39, 2034-2043.	1.5	23
25	Probenecid as a Noninjurious Positive Inotrope in an Ischemic Heart Disease Murine Model. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2013, 18, 280-289.	2.0	15
26	Probenecid: Novel use as a non-injurious positive inotrope acting via cardiac TRPV2 stimulation. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 134-144.	1.9	75
27	The History and Future of Probenecid. <i>Cardiovascular Toxicology</i> , 2012, 12, 1-9.	2.7	108
28	Acute high fat feeding influences cardiac function and confers cardioprotection against ischemic injury. <i>FASEB Journal</i> , 2011, 25, 1085.1.	0.5	0
29	Splice Variants Reveal the Region Involved in Oxygen Sensing by Recombinant Human L-Type Ca ²⁺ Channels. <i>Circulation Research</i> , 2000, 87, 537-539.	4.5	76
30	Molecular Elements of Ion Permeation and Selectivity within Calcium Channels. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 1999, 34, 181-214.	5.2	49