

Monte S Willis

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

279
papers

8,133
citations

46
h-index

83
g-index

307
ext. papers

9,332
ext. citations

4.9
avg, IF

5.89
L-index

#	Paper	IF	Citations
279	MicroRNA-208a is a regulator of cardiac hypertrophy and conduction in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2772-86	15.9	650
278	The E3 Ligase MuRF1 degrades myosin heavy chain protein in dexamethasone-treated skeletal muscle. <i>Cell Metabolism</i> , 2007 , 6, 376-85	24.6	469
277	Cardiovascular Health in African Americans: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2017 , 136, e393-e423	16.7	425
276	Proteotoxicity and cardiac dysfunction--Alzheimer's disease of the heart?. <i>New England Journal of Medicine</i> , 2013 , 368, 455-64	59.2	212
275	Wnt1/ β atenin injury response activates the epicardium and cardiac fibroblasts to promote cardiac repair. <i>EMBO Journal</i> , 2012 , 31, 429-42	13	210
274	Atrogin-1 inhibits Akt-dependent cardiac hypertrophy in mice via ubiquitin-dependent coactivation of Forkhead proteins. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3211-23	15.9	202
273	Zinc-induced copper deficiency: a report of three cases initially recognized on bone marrow examination. <i>American Journal of Clinical Pathology</i> , 2005 , 123, 125-31	1.9	174
272	Sent to destroy: the ubiquitin proteasome system regulates cell signaling and protein quality control in cardiovascular development and disease. <i>Circulation Research</i> , 2010 , 106, 463-78	15.7	159
271	Muscle ring finger 1, but not muscle ring finger 2, regulates cardiac hypertrophy in vivo. <i>Circulation Research</i> , 2007 , 100, 456-9	15.7	154
270	Mouse cardiac acyl coenzyme a synthetase 1 deficiency impairs Fatty Acid oxidation and induces cardiac hypertrophy. <i>Molecular and Cellular Biology</i> , 2011 , 31, 1252-62	4.8	134
269	Sildenafil reverses cardiac dysfunction in the mdx mouse model of Duchenne muscular dystrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 19079-83	11.5	129
268	Tumor necrosis factor-alpha-induced caspase activation mediates endotoxin-related cardiac dysfunction. <i>Critical Care Medicine</i> , 2005 , 33, 1021-8	1.4	127
267	The role of nutrition in preventing prostate cancer: a review of the proposed mechanism of action of various dietary substances. <i>Clinica Chimica Acta</i> , 2003 , 330, 57-83	6.2	119
266	Build it up-Tear it down: protein quality control in the cardiac sarcomere. <i>Cardiovascular Research</i> , 2009 , 81, 439-48	9.9	116
265	The ubiquitin-proteasome system in cardiac dysfunction. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008 , 1782, 749-63	6.9	105
264	Into the heart: the emerging role of the ubiquitin-proteasome system. <i>Journal of Molecular and Cellular Cardiology</i> , 2006 , 41, 567-79	5.8	102
263	Mitochondria as a source and target of lipid peroxidation products in healthy and diseased heart. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 179-93	3	99

262	A concentration-dependent endocytic trap and sink mechanism converts Bmper from an activator to an inhibitor of Bmp signaling. <i>Journal of Cell Biology</i> , 2009 , 184, 597-609	7.3	93
261	Soluble Proteins Modified with Acetaldehyde and Malondialdehyde Are Immunogenic in the Absence of Adjuvant. <i>Alcoholism: Clinical and Experimental Research</i> , 1998 , 22, 1731-1739	3.7	87
260	Endotoxin-induced cardiomyopathy and systemic inflammation in mice is prevented by aldose reductase inhibition. <i>Circulation</i> , 2006 , 114, 1838-46	16.7	84
259	Muscle ring finger 1 mediates cardiac atrophy in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H997-H1006	5.2	83
258	Hold me tight: Role of the heat shock protein family of chaperones in cardiac disease. <i>Circulation</i> , 2010 , 122, 1740-51	16.7	80
257	Cardiac muscle ring finger-1 increases susceptibility to heart failure in vivo. <i>Circulation Research</i> , 2009 , 105, 80-8	15.7	80
256	IKKbeta inhibition attenuates myocardial injury and dysfunction following acute ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H2248-53	5.2	79
255	Proteasome inhibition promotes regression of left ventricular hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H645-50	5.2	78
254	Essential role of stress hormone signaling in cardiomyocytes for the prevention of heart disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 17035-40	11.5	77
253	Back to your heart: ubiquitin proteasome system-regulated signal transduction. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 52, 526-37	5.8	77
252	The bitter end: the ubiquitin-proteasome system and cardiac dysfunction. <i>Circulation</i> , 2007 , 115, 1456-63	6.7	75
251	Myosin light chain phosphorylation is critical for adaptation to cardiac stress. <i>Circulation</i> , 2012 , 126, 2575-83	5.8	73
250	Atrogin-1 and MuRF1 regulate cardiac MyBP-C levels via different mechanisms. <i>Cardiovascular Research</i> , 2010 , 85, 357-66	9.9	71
249	Tearin' up my heart: proteolysis in the cardiac sarcomere. <i>Journal of Biological Chemistry</i> , 2011 , 286, 9929-34	3.4	69
248	Long-term improvement in mdx cardiomyopathy after therapy with peptide-conjugated morpholino oligomers. <i>Cardiovascular Research</i> , 2010 , 85, 444-53	9.9	67
247	Macrophage migration inhibitory factor is a cardiac-derived myocardial depressant factor. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H2500-9	5.2	66
246	A critical role for muscle ring finger-1 in acute lung injury-associated skeletal muscle wasting. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 825-34	10.2	65
245	The story so far: post-translational regulation of peroxisome proliferator-activated receptors by ubiquitination and SUMOylation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 302, H515-26	5.2	62

244	Oral resveratrol therapy inhibits cancer-induced skeletal muscle and cardiac atrophy in vivo. <i>Nutrition and Cancer</i> , 2011 , 63, 749-62	2.8	61
243	Interference of monoclonal antibody therapies with serum protein electrophoresis tests. <i>Clinical Chemistry</i> , 2010 , 56, 1897-9	5.5	60
242	The ubiquitin-proteasome system and nonsense-mediated mRNA decay in hypertrophic cardiomyopathy. <i>Cardiovascular Research</i> , 2010 , 85, 330-8	9.9	60
241	Proteasome inhibition attenuates infarct size and preserves cardiac function in a murine model of myocardial ischemia-reperfusion injury. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 120-5	2.7	60
240	The role of ubiquitin ligases in cardiac disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 71, 43-53	5.8	58
239	NF- κ B inhibition protects against tumor-induced cardiac atrophy in vivo. <i>American Journal of Pathology</i> , 2011 , 178, 1059-68	5.8	53
238	Regulation of AMPK by the ubiquitin proteasome system. <i>American Journal of Pathology</i> , 2011 , 178, 4-11	5.8	52
237	All the little pieces. -Regulation of mitochondrial fusion and fission by ubiquitin and small ubiquitin-like modifier and their potential relevance in the heart.-. <i>Circulation Journal</i> , 2011 , 75, 2513-21	2.9	50
236	Lipopolysaccharide is a cofactor for malondialdehyde-acetaldehyde adduct-mediated cytokine/chemokine release by rat sinusoidal liver endothelial and Kupffer cells. <i>Alcoholism: Clinical and Experimental Research</i> , 2004 , 28, 1931-8	3.7	50
235	Adduction of Soluble Proteins with Malondialdehyde-Acetaldehyde (MAA) Induces Antibody Production and Enhances T-Cell Proliferation. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 94-106	3.7	48
234	Tear me down: role of calpain in the development of cardiac ventricular hypertrophy. <i>Circulation Research</i> , 2011 , 109, 453-62	15.7	46
233	Macrophage migration inhibitory factor mediates late cardiac dysfunction after burn injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 288, H795-804	5.2	45
232	Scavenger receptors on sinusoidal liver endothelial cells are involved in the uptake of aldehyde-modified proteins. <i>Molecular Pharmacology</i> , 2005 , 68, 1423-30	4.3	45
231	The ubiquitin ligase MuRF1 protects against cardiac ischemia/reperfusion injury by its proteasome-dependent degradation of phospho-c-Jun. <i>American Journal of Pathology</i> , 2011 , 178, 1043-58	5.8	44
230	Obesity, macrophage migration inhibitory factor, and weight loss. <i>International Journal of Obesity</i> , 2005 , 29, 675-81	5.5	44
229	The role of heat shock proteins and co-chaperones in heart failure. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018 , 373,	5.8	44
228	Cancer cachexia update in head and neck cancer: Definitions and diagnostic features. <i>Head and Neck</i> , 2015 , 37, 594-604	4.2	43
227	Targeting angiogenesis and the tumor microenvironment. <i>Surgical Oncology Clinics of North America</i> , 2013 , 22, 629-39	2.7	41

226	Metabolomic analysis of cancer cachexia reveals distinct lipid and glucose alterations. <i>Metabolomics</i> , 2008 , 4, 216-225	4.7	41
225	Cardiomyocyte glucocorticoid and mineralocorticoid receptors directly and antagonistically regulate heart disease in mice. <i>Science Signaling</i> , 2019 , 12,	8.8	40
224	Metabolic derangements in the gastrocnemius and the effect of Compound A therapy in a murine model of cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2013 , 4, 145-55	10.3	40
223	Characterization of a model to independently study regression of ventricular hypertrophy. <i>Journal of Surgical Research</i> , 2007 , 142, 387-93	2.5	40
222	Autoimmune hepatitis induced by syngeneic liver cytosolic proteins biotransformed by alcohol metabolites. <i>Alcoholism: Clinical and Experimental Research</i> , 2010 , 34, 2126-36	3.7	38
221	Relapse of thrombotic thrombocytopenic purpura: is it a continuum of disease?. <i>Seminars in Thrombosis and Hemostasis</i> , 2005 , 31, 700-8	5.3	38
220	Functional redundancy of SWI/SNF catalytic subunits in maintaining vascular endothelial cells in the adult heart. <i>Circulation Research</i> , 2012 , 111, e111-22	15.7	36
219	Doxorubicin Exposure Causes Subacute Cardiac Atrophy Dependent on the Striated Muscle-Specific Ubiquitin Ligase MuRF1. <i>Circulation: Heart Failure</i> , 2019 , 12, e005234	7.6	35
218	Genome- and exome-wide association study of serum lipoprotein (a) in the Jackson Heart Study. <i>Journal of Human Genetics</i> , 2015 , 60, 755-61	4.3	35
217	Carboxyl terminus of Hsp70-interacting protein (CHIP) is required to modulate cardiac hypertrophy and attenuate autophagy during exercise. <i>Cell Biochemistry and Function</i> , 2013 , 31, 724-35	4.2	35
216	Depletion of PHD3 protects heart from ischemia/reperfusion injury by inhibiting cardiomyocyte apoptosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 80, 156-65	5.8	35
215	Performance comparison of capillary and agarose gel electrophoresis for the identification and characterization of monoclonal immunoglobulins. <i>American Journal of Clinical Pathology</i> , 2008 , 129, 451-8 ⁹	1.9	35
214	Blood bank management of sickle cell patients at comprehensive sickle cell centers. <i>Transfusion</i> , 2007 , 47, 2089-97	2.9	35
213	Rat sinusoidal liver endothelial cells (SECs) produce pro-fibrotic factors in response to adducts formed from the metabolites of ethanol. <i>Biochemical Pharmacology</i> , 2005 , 70, 1593-600	6	35
212	The ubiquitin ligase MuRF1 regulates PPAR α activity in the heart by enhancing nuclear export via monoubiquitination. <i>Molecular and Cellular Endocrinology</i> , 2015 , 413, 36-48	4.4	34
211	Bone marrow-derived cells contribute to contractile dysfunction in endotoxic shock. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 288, H577-83	5.2	34
210	Muscle ring finger 1 and muscle ring finger 2 are necessary but functionally redundant during developmental cardiac growth and regulate E2F1-mediated gene expression in vivo. <i>Cell Biochemistry and Function</i> , 2014 , 32, 39-50	4.2	32
209	Merits of non-invasive rat models of left ventricular heart failure. <i>Cardiovascular Toxicology</i> , 2011 , 11, 91-112	3.4	32

208	T cell proliferative responses to malondialdehyde-acetaldehyde haptenated protein are scavenger receptor mediated. <i>International Immunopharmacology</i> , 2003 , 3, 1381-99	5.8	32
207	MMI-0100 inhibits cardiac fibrosis in myocardial infarction by direct actions on cardiomyocytes and fibroblasts via MK2 inhibition. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 77, 86-101	5.8	31
206	Bmper inhibits endothelial expression of inflammatory adhesion molecules and protects against atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 2214-22	9.4	31
205	SWI/SNF chromatin-remodeling complexes in cardiovascular development and disease. <i>Cardiovascular Pathology</i> , 2014 , 23, 85-91	3.8	30
204	Minireview: Won't get fooled again: the nonmetabolic roles of peroxisome proliferator-activated receptors (PPARs) in the heart. <i>Molecular Endocrinology</i> , 2010 , 24, 1111-9		30
203	Cardio-metabolic effects of HIV protease inhibitors (lopinavir/ritonavir). <i>PLoS ONE</i> , 2013 , 8, e73347	3.7	30
202	Regulation of large conductance Ca ²⁺ -activated K ⁺ (BK) channel β subunit expression by muscle RING finger protein 1 in diabetic vessels. <i>Journal of Biological Chemistry</i> , 2014 , 289, 10853-10864	5.4	29
201	Effect of anemia on plasma concentrations of NT-proBNP. <i>Clinica Chimica Acta</i> , 2005 , 358, 175-81	6.2	29
200	The sympathetic nervous system regulates skeletal muscle motor innervation and acetylcholine receptor stability. <i>Acta Physiologica</i> , 2019 , 225, e13195	5.6	29
199	Malondialdehyde-acetaldehyde (MAA) modified proteins induce pro-inflammatory and pro-fibrotic responses by liver endothelial cells. <i>Comparative Hepatology</i> , 2004 , 3 Suppl 1, S25		28
198	MuRF2 regulates PPAR α activity to protect against diabetic cardiomyopathy and enhance weight gain induced by a high fat diet. <i>Cardiovascular Diabetology</i> , 2015 , 14, 97	8.7	27
197	Non-targeted metabolomics of double-mutant cardiomyocytes reveals a novel role for SWI/SNF complexes in metabolic homeostasis. <i>Metabolomics</i> , 2015 , 11, 1287-1301	4.7	26
196	Functional Amyloid Signaling via the Inflammasome, Necrosome, and Signalosome: New Therapeutic Targets in Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2015 , 2, 25	5.4	26
195	Malondialdehyde-acetaldehyde haptenated protein binds macrophage scavenger receptor(s) and induces lysosomal damage. <i>International Immunopharmacology</i> , 2004 , 4, 885-99	5.8	26
194	Corticosteroids Are Essential for Maintaining Cardiovascular Function in Male Mice. <i>Endocrinology</i> , 2016 , 157, 2759-71	4.8	25
193	Large multiethnic Candidate Gene Study for C-reactive protein levels: identification of a novel association at CD36 in African Americans. <i>Human Genetics</i> , 2014 , 133, 985-95	6.3	25
192	Exercise-Induced Alterations in Skeletal Muscle, Heart, Liver, and Serum Metabolome Identified by Non-Targeted Metabolomics Analysis. <i>Metabolites</i> , 2017 , 7,	5.6	25
191	Genetics and heart failure: a concise guide for the clinician. <i>Current Cardiology Reviews</i> , 2015 , 11, 10-7	2.4	25

190	Cardiomyocyte-Specific Human Bcl2-Associated Anthanogene 3 P209L Expression Induces Mitochondrial Fragmentation, Bcl2-Associated Anthanogene 3 Haploinsufficiency, and Activates p38 Signaling. <i>American Journal of Pathology</i> , 2016 , 186, 1989-2007	5.8	25
189	Dystrophin-deficient dogs with reduced myostatin have unequal muscle growth and greater joint contractures. <i>Skeletal Muscle</i> , 2016 , 6, 14	5.1	22
188	Muscle RING finger-1 attenuates IGF-I-dependent cardiomyocyte hypertrophy by inhibiting JNK signaling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E723-39	6	22
187	Cancer cachexia update in head and neck cancer: Pathophysiology and treatment. <i>Head and Neck</i> , 2015 , 37, 1057-72	4.2	22
186	Evolving molecular diagnostics for familial cardiomyopathies: at the heart of it all. <i>Expert Review of Molecular Diagnostics</i> , 2010 , 10, 329-51	3.8	22
185	Familial hypertrophic cardiomyopathy: basic concepts and future molecular diagnostics. <i>Clinical Biochemistry</i> , 2009 , 42, 755-65	3.5	22
184	Mechanisms of alcohol liver damage: aldehydes, scavenger receptors, and autoimmunity. <i>Frontiers in Bioscience - Landmark</i> , 2004 , 9, 3145-55	2.8	22
183	Cardiac energy dependence on glucose increases metabolites related to glutathione and activates metabolic genes controlled by mechanistic target of rapamycin. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	21
182	Appetite for destruction: E3 ubiquitin-ligase protection in cardiac disease. <i>Future Cardiology</i> , 2008 , 4, 65-75	1.3	21
181	Malondialdehyde-acetaldehyde-haptenated protein induces cell death by induction of necrosis and apoptosis in immune cells. <i>International Immunopharmacology</i> , 2002 , 2, 519-35	5.8	21
180	Kinome and Transcriptome Profiling Reveal Broad and Distinct Activities of Erlotinib, Sunitinib, and Sorafenib in the Mouse Heart and Suggest Cardiotoxicity From Combined Signal Transducer and Activator of Transcription and Epidermal Growth Factor Receptor Inhibition. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	20
179	MuRF1 activity is present in cardiac mitochondria and regulates reactive oxygen species production in vivo. <i>Journal of Bioenergetics and Biomembranes</i> , 2014 , 46, 173-87	3.7	20
178	Deficiency of cardiac Acyl-CoA synthetase-1 induces diastolic dysfunction, but pathologic hypertrophy is reversed by rapamycin. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014 , 1841, 880-7	5	20
177	The hypermetabolic giant: 18F-FDG avid giant cell tumor identified on PET-CT. <i>Journal of Radiology Case Reports</i> , 2014 , 8, 27-38	1.1	19
176	MuRF1 mono-ubiquitinates TRILto inhibit T3-induced cardiac hypertrophy in vivo. <i>Journal of Molecular Endocrinology</i> , 2016 , 56, 273-90	4.5	19
175	Disrupted structure and aberrant function of CHIP mediates the loss of motor and cognitive function in preclinical models of SCAR16. <i>PLoS Genetics</i> , 2018 , 14, e1007664	6	19
174	Non-targeted metabolomics analysis of cardiac Muscle Ring Finger-1 (MuRF1), MuRF2, and MuRF3 in vivo reveals novel and redundant metabolic changes. <i>Metabolomics</i> , 2015 , 11, 312-322	4.7	18
173	Endothelial inflammatory transcriptional responses to an altered plasma exposome following inhalation of diesel emissions. <i>Inhalation Toxicology</i> , 2015 , 27, 272-80	2.7	18

172	BRG1 and BRM SWI/SNF ATPases redundantly maintain cardiomyocyte homeostasis by regulating cardiomyocyte mitophagy and mitochondrial dynamics in vivo. <i>Cardiovascular Pathology</i> , 2016 , 25, 258-269	3.8	18
171	Clinical Evidence Supports a Protective Role for CXCL5 in Coronary Artery Disease. <i>American Journal of Pathology</i> , 2017 , 187, 2895-2911	5.8	18
170	Chronic ethanol consumption impairs receptor-mediated endocytosis of MAA-modified albumin by liver endothelial cells. <i>Biochemical Pharmacology</i> , 2003 , 66, 1045-54	6	18
169	Tumor necrosis factor receptor-associated factor 6 as a nuclear factor kappa B-modulating therapeutic target in cardiovascular diseases: at the heart of it all. <i>Translational Research</i> , 2018 , 195, 48-61	11	18
168	Adduction of soluble proteins with malondialdehyde-acetaldehyde (MAA) induces antibody production and enhances T-cell proliferation. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 94-106	3.7	18
167	Ivar Asbjørn Filling. <i>Laboratory Medicine</i> , 2010 , 41, 118-119	1.6	17
166	Seek and destroy: the ubiquitin-proteasome system in cardiac disease. <i>Current Hypertension Reports</i> , 2009 , 11, 396-405	4.7	17
165	You spin me round: MafBx/Atrogin-1 feeds forward on FOXO transcription factors (like a record). <i>Cell Cycle</i> , 2008 , 7, 440-3	4.7	17
164	Genome-wide admixture and association study of serum iron, ferritin, transferrin saturation and total iron binding capacity in African Americans. <i>Human Molecular Genetics</i> , 2015 , 24, 572-81	5.6	16
163	Cancer cachexia's metabolic signature in a murine model confirms a distinct entity. <i>Metabolomics</i> , 2013 , 9, 730-739	4.7	16
162	Ephrin-Eph signaling as a potential therapeutic target for the treatment of myocardial infarction. <i>Medical Hypotheses</i> , 2013 , 80, 738-44	3.8	16
161	Non-Targeted Metabolomics Analysis of Golden Retriever Muscular Dystrophy-Affected Muscles Reveals Alterations in Arginine and Proline Metabolism, and Elevations in Glutamic and Oleic Acid In Vivo. <i>Metabolites</i> , 2017 , 7,	5.6	16
160	Platelet endothelial cell adhesion molecule-1 mediates endothelial-cardiomyocyte communication and regulates cardiac function. <i>Journal of the American Heart Association</i> , 2015 , 4, e001210	6	15
159	Proteotoxicity and cardiac dysfunction. <i>New England Journal of Medicine</i> , 2013 , 368, 1755	59.2	15
158	Inhibitory kappa B kinase-beta is a target for specific nuclear factor kappa B-mediated delayed cardioprotection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 1274-9	1.5	15
157	Genetic myostatin decrease in the golden retriever muscular dystrophy model does not significantly affect the ubiquitin proteasome system despite enhancing the severity of disease. <i>American Journal of Translational Research (discontinued)</i> , 2013 , 6, 43-53	3	15
156	Effects of the kinase inhibitor sorafenib on heart, muscle, liver and plasma metabolism in vivo using non-targeted metabolomics analysis. <i>British Journal of Pharmacology</i> , 2017 , 174, 4797-4811	8.6	14
155	Muscle ring finger-3 protects against diabetic cardiomyopathy induced by a high fat diet. <i>BMC Endocrine Disorders</i> , 2015 , 15, 36	3.3	14

154	CHIP phosphorylation by protein kinase G enhances protein quality control and attenuates cardiac ischemic injury. <i>Nature Communications</i> , 2020 , 11, 5237	17.4	14
153	Cardiomyocyte contractile impairment in heart failure results from reduced BAG3-mediated sarcomeric protein turnover. <i>Nature Communications</i> , 2021 , 12, 2942	17.4	14
152	Cardiac ubiquitin ligases: Their role in cardiac metabolism, autophagy, cardioprotection and therapeutic potential. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 2259-2269	6.9	14
151	Human amylin proteotoxicity impairs protein biosynthesis, and alters major cellular signaling pathways in the heart, brain and liver of humanized diabetic rat model in vivo. <i>Metabolomics</i> , 2016 , 12, 1	4.7	13
150	Evidence that endogenous formaldehyde produces immunogenic and atherogenic adduct epitopes. <i>Scientific Reports</i> , 2017 , 7, 10787	4.9	13
149	The Pathophysiology of Cardiac Hypertrophy and Heart Failure 2014 , 51-78		13
148	Regulation of the calpain and ubiquitin-proteasome systems in a canine model of muscular dystrophy. <i>Muscle and Nerve</i> , 2011 , 44, 553-62	3.4	13
147	Precision-cut liver slices from diet-induced obese rats exposed to ethanol are susceptible to oxidative stress and increased fatty acid synthesis. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 306, G208-17	5.1	12
146	The Challenges and Complexities of Thyroid Hormone Replacement. <i>Laboratory Medicine</i> , 2010 , 41, 338-348	3.8	12
145	Upregulation of autophagy genes and the unfolded protein response in human heart failure. <i>International Journal of Clinical and Experimental Medicine</i> , 2017 , 10, 1051-1058		12
144	BRG1 and BRM function antagonistically with c-MYC in adult cardiomyocytes to regulate conduction and contractility. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 105, 99-109	5.8	11
143	MMI-0100 Inhibits Cardiac Fibrosis in a Mouse Model Overexpressing Cardiac Myosin Binding Protein C. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	11
142	ACVR2B antagonism as a countermeasure to multi-organ perturbations in metastatic colorectal cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020 , 11, 1779-1798	10.3	11
141	In Vitro Exposure to Malondialdehyde-Acetaldehyde Adducted Protein Inhibits Cell Proliferation and Viability. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 158-164	3.7	10
140	BMPER regulates cardiomyocyte size and vessel density in vivo. <i>Cardiovascular Pathology</i> , 2013 , 22, 228-308	3.8	9
139	Cardiac muscle ring finger-1--friend or foe?. <i>Trends in Cardiovascular Medicine</i> , 2010 , 20, 12-6	6.9	9
138	Low Blast Count Myeloid Disorders With Auer Rods. <i>American Journal of Clinical Pathology</i> , 2005 , 124, 191-198	1.9	9
137	Untargeted metabolomics analysis of ischemia-reperfusion-injured hearts ex vivo from sedentary and exercise-trained rats. <i>Metabolomics</i> , 2018 , 14, 8	4.7	9

136	Non-Targeted Metabolomics Analysis of the Effects of Tyrosine Kinase Inhibitors Sunitinib and Erlotinib on Heart, Muscle, Liver and Serum Metabolism In Vivo. <i>Metabolites</i> , 2017 , 7,	5.6	8
135	Recent Advances in the Detection of Prostate Cancer Using Epigenetic Markers in Commonly Collected Laboratory Samples. <i>Laboratory Medicine</i> , 2009 , 40, 171-178	1.6	8
134	Fenofibrate unexpectedly induces cardiac hypertrophy in mice lacking MuRF1. <i>Cardiovascular Pathology</i> , 2016 , 25, 127-140	3.8	8
133	A purified MAA-based ELISA is a useful tool for determining anti-MAA antibody titer with high sensitivity. <i>PLoS ONE</i> , 2017 , 12, e0172172	3.7	7
132	Cessation of biomechanical stretch model of C2C12 cells models myocyte atrophy and anaplerotic changes in metabolism using non-targeted metabolomics analysis. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 79, 80-92	5.6	7
131	Bedbugs in the 21st Century: The Reemergence of an Old Foe. <i>Laboratory Medicine</i> , 2012 , 43, 141-148	1.6	7
130	Increased immunogenicity to P815 cells modified with malondialdehyde and acetaldehyde. <i>International Immunopharmacology</i> , 2008 , 8, 1112-8	5.8	7
129	Sir Hans Adolf Krebs: Architect of Metabolic Cycles. <i>Laboratory Medicine</i> , 2010 , 41, 377-380	1.6	6
128	Translational Cardiology 2012 ,		6
127	Selective Inhibition of NF-kappa-B with NBD Peptide Reduces Tumor- Induced Wasting in a Murine Model of Cancer Cachexia In vivo. <i>Journal of Cancer Science & Therapy</i> , 2011 , 03,	5	6
126	The alpha-1A adrenergic receptor agonist A61603 reduces cardiac polyunsaturated fatty acid and endocannabinoid metabolites associated with inflammation in vivo. <i>Metabolomics</i> , 2016 , 12, 1	4.7	6
125	Lung injury-induced skeletal muscle wasting in aged mice is linked to alterations in long chain fatty acid metabolism. <i>Metabolomics</i> , 2016 , 12, 1	4.7	6
124	Genome-wide association study of homocysteine in African Americans from the Jackson Heart Study, the Multi-Ethnic Study of Atherosclerosis, and the Coronary Artery Risk in Young Adults study. <i>Journal of Human Genetics</i> , 2018 , 63, 327-337	4.3	5
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