

Monte S Willis

List of Publications by Year in descending order

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Version: 2024-02-01

294
papers

10,267
citations

36203

51
h-index

42291

92
g-index

307
all docs

307
docs citations

307
times ranked

14548
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | MicroRNA-208a is a regulator of cardiac hypertrophy and conduction in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 2772-2786. | 3.9 | 756 |
| 2 | Cardiovascular Health in African Americans: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2017, 136, e393-e423. | 1.6 | 732 |
| 3 | The E3 Ligase MuRF1 Degrades Myosin Heavy Chain Protein in Dexamethasone-Treated Skeletal Muscle. <i>Cell Metabolism</i> , 2007, 6, 376-385. | 7.2 | 541 |
| 4 | Proteotoxicity and Cardiac Dysfunction â€” Alzheimer's Disease of the Heart?. <i>New England Journal of Medicine</i> , 2013, 368, 455-464. | 13.9 | 260 |
| 5 | Wnt1/ β -catenin injury response activates the epicardium and cardiac fibroblasts to promote cardiac repair. <i>EMBO Journal</i> , 2012, 31, 429-442. | 3.5 | 252 |
| 6 | Atrogin-1 inhibits Akt-dependent cardiac hypertrophy in mice via ubiquitin-dependent coactivation of Forkhead proteins. <i>Journal of Clinical Investigation</i> , 2007, 117, 3211-3223. | 3.9 | 225 |
| 7 | Zinc-Induced Copper Deficiency. <i>American Journal of Clinical Pathology</i> , 2005, 123, 125-131. | 0.4 | 215 |
| 8 | Sent to Destroy. <i>Circulation Research</i> , 2010, 106, 463-478. | 2.0 | 181 |
| 9 | Tumor necrosis factor- α -induced caspase activation mediates endotoxin-related cardiac dysfunction*. <i>Critical Care Medicine</i> , 2005, 33, 1021-1028. | 0.4 | 176 |
| 10 | Muscle Ring Finger 1, but not Muscle Ring Finger 2, Regulates Cardiac Hypertrophy In Vivo. <i>Circulation Research</i> , 2007, 100, 456-459. | 2.0 | 166 |
| 11 | Mouse Cardiac Acyl Coenzyme A Synthetase 1 Deficiency Impairs Fatty Acid Oxidation and Induces Cardiac Hypertrophy. <i>Molecular and Cellular Biology</i> , 2011, 31, 1252-1262. | 1.1 | 156 |
| 12 | Sildenafil reverses cardiac dysfunction in the <i>mdx</i> mouse model of Duchenne muscular dystrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19079-19083. | 3.3 | 150 |
| 13 | 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. | 0.5 | 134 |
| 14 | Build it up-Tear it down: protein quality control in the cardiac sarcomere. <i>Cardiovascular Research</i> , 2008, 81, 439-448. | 1.8 | 133 |
| 15 | The ubiquitinâ€”proteasome system in cardiac dysfunction. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 749-763. | 1.8 | 129 |
| 16 | Into the heart: The emerging role of the ubiquitinâ€”proteasome system. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 567-579. | 0.9 | 116 |
| 17 | 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, 179-193. | 0.9 | 113 |
| 18 | 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. | 1.4 | 110 |

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|----|---|-----|-----------|
| 19 | A concentration-dependent endocytic trap and sink mechanism converts Bmp ¹ from an activator to an inhibitor of Bmp signaling. <i>Journal of Cell Biology</i> , 2009, 184, 597-609. | 2.3 | 110 |
| 20 | Hold Me Tight. <i>Circulation</i> , 2010, 122, 1740-1751. | 1.6 | 101 |
| 21 | 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, 17035-17040. | 3.3 | 101 |
| 22 | Endotoxin-Induced Cardiomyopathy and Systemic Inflammation in Mice Is Prevented by Aldose Reductase Inhibition. <i>Circulation</i> , 2006, 114, 1838-1846. | 1.6 | 97 |
| 23 | Muscle ring finger 1 mediates cardiac atrophy in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H997-H1006. | 1.5 | 93 |
| 24 | IKK β inhibition attenuates myocardial injury and dysfunction following acute ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H2248-H2253. | 1.5 | 91 |
| 25 | Cardiac Muscle Ring Finger-1 Increases Susceptibility to Heart Failure In Vivo. <i>Circulation Research</i> , 2009, 105, 80-88. | 2.0 | 91 |
| 26 | Proteasome inhibition promotes regression of left ventricular hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H645-H650. | 1.5 | 90 |
| 27 | Back to your heart: Ubiquitin proteasome system-regulated signal transduction. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 526-537. | 0.9 | 90 |
| 28 | Myosin Light Chain Phosphorylation Is Critical for Adaptation to Cardiac Stress. <i>Circulation</i> , 2012, 126, 2575-2588. | 1.6 | 87 |
| 29 | The Bitter End. <i>Circulation</i> , 2007, 115, 1456-1463. | 1.6 | 86 |
| 30 | 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, 825-834. | 2.5 | 85 |
| 31 | Oral Resveratrol Therapy Inhibits Cancer-Induced Skeletal Muscle and Cardiac Atrophy In Vivo. <i>Nutrition and Cancer</i> , 2011, 63, 749-762. | 0.9 | 82 |
| 32 | Atrogin-1 and MuRF1 regulate cardiac MyBP-C levels via different mechanisms. <i>Cardiovascular Research</i> , 2010, 85, 357-366. | 1.8 | 81 |
| 33 | 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, 20160530. | 1.8 | 81 |
| 34 | Doxorubicin Exposure Causes Subacute Cardiac Atrophy Dependent on the Striated Muscle-specific Ubiquitin Ligase MuRF1. <i>Circulation: Heart Failure</i> , 2019, 12, e005234. | 1.6 | 79 |
| 35 | Long-term improvement in mdx cardiomyopathy after therapy with peptide-conjugated morpholino oligomers. <i>Cardiovascular Research</i> , 2010, 85, 444-453. | 1.8 | 76 |
| 36 | Tearin' Up My Heart: Proteolysis in the Cardiac Sarcomere. <i>Journal of Biological Chemistry</i> , 2011, 286, 9929-9934. | 1.6 | 76 |

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|----|--|-----|-----------|
| 37 | 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-H526. | 1.5 | 76 |
| 38 | Macrophage migration inhibitory factor is a cardiac-derived myocardial depressant factor. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H2500-H2509. | 1.5 | 75 |
| 39 | Cardiomyocyte glucocorticoid and mineralocorticoid receptors directly and antagonistically regulate heart disease in mice. <i>Science Signaling</i> , 2019, 12, . | 1.6 | 75 |
| 40 | The ubiquitin-proteasome system and nonsense-mediated mRNA decay in hypertrophic cardiomyopathy. <i>Cardiovascular Research</i> , 2010, 85, 330-338. | 1.8 | 73 |
| 41 | The role of ubiquitin ligases in cardiac disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 71, 43-53. | 0.9 | 70 |
| 42 | Interference of Monoclonal Antibody Therapies with Serum Protein Electrophoresis Tests. <i>Clinical Chemistry</i> , 2010, 56, 1897-1899. | 1.5 | 69 |
| 43 | 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, 120-125. | 0.7 | 68 |
| 44 | 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, 2513-2521. | 0.7 | 62 |
| 45 | Cardiomyocyte contractile impairment in heart failure results from reduced BAG3-mediated sarcomeric protein turnover. <i>Nature Communications</i> , 2021, 12, 2942. | 5.8 | 62 |
| 46 | Regulation of AMPK by the Ubiquitin Proteasome System. <i>American Journal of Pathology</i> , 2011, 178, 4-11. | 1.9 | 61 |
| 47 | The sympathetic nervous system regulates skeletal muscle motor innervation and acetylcholine receptor stability. <i>Acta Physiologica</i> , 2019, 225, e13195. | 1.8 | 61 |
| 48 | NF- κ B Inhibition Protects against Tumor-Induced Cardiac Atrophy in Vivo. <i>American Journal of Pathology</i> , 2011, 178, 1059-1068. | 1.9 | 59 |
| 49 | Cancer cachexia update in head and neck cancer: Definitions and diagnostic features. <i>Head and Neck</i> , 2015, 37, 594-604. | 0.9 | 59 |
| 50 | Tear Me Down. <i>Circulation Research</i> , 2011, 109, 453-462. | 2.0 | 58 |
| 51 | 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. | 1.4 | 57 |
| 52 | 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, 1931-1938. | 1.4 | 57 |
| 53 | Obesity, macrophage migration inhibitory factor, and weight loss. <i>International Journal of Obesity</i> , 2005, 29, 675-681. | 1.6 | 54 |
| 54 | Clinical Evidence Supports a Protective Role for CXCL5 in Coronary Artery Disease. <i>American Journal of Pathology</i> , 2017, 187, 2895-2911. | 1.9 | 50 |

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|----|--|-----|-----------|
| 55 | 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, 1043-1058. | 1.9 | 49 |
| 56 | 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, 145-155. | 2.9 | 49 |
| 57 | Macrophage migration inhibitory factor mediates late cardiac dysfunction after burn injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H795-H804. | 1.5 | 48 |
| 58 | Scavenger Receptors on Sinusoidal Liver Endothelial Cells Are Involved in the Uptake of Aldehyde-Modified Proteins. <i>Molecular Pharmacology</i> , 2005, 68, 1423-1430. | 1.0 | 48 |
| 59 | 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, 451-458. | 0.4 | 47 |
| 60 | Targeting Angiogenesis and the Tumor Microenvironment. <i>Surgical Oncology Clinics of North America</i> , 2013, 22, 629-639. | 0.6 | 47 |
| 61 | Relapse of Thrombotic Thrombocytopenic Purpura: Is It a Continuum of Disease?. <i>Seminars in Thrombosis and Hemostasis</i> , 2005, 31, 700-708. | 1.5 | 45 |
| 62 | Characterization of a Model to Independently Study Regression of Ventricular Hypertrophy. <i>Journal of Surgical Research</i> , 2007, 142, 387-393. | 0.8 | 45 |
| 63 | Metabolomic analysis of cancer cachexia reveals distinct lipid and glucose alterations. <i>Metabolomics</i> , 2008, 4, 216-225. | 1.4 | 45 |
| 64 | Functional Redundancy of SWI/SNF Catalytic Subunits in Maintaining Vascular Endothelial Cells in the Adult Heart. <i>Circulation Research</i> , 2012, 111, e111-22. | 2.0 | 45 |
| 65 | T cell proliferative responses to malondialdehyde- α -acetaldehyde haptenated protein are scavenger receptor mediated. <i>International Immunopharmacology</i> , 2003, 3, 1381-1399. | 1.7 | 44 |
| 66 | Autoimmune Hepatitis Induced by Syngeneic Liver Cytosolic Proteins Biotransformed by Alcohol Metabolites. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 2126-2136. | 1.4 | 43 |
| 67 | Depletion of PHD3 protects heart from ischemia/reperfusion injury by inhibiting cardiomyocyte apoptosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 80, 156-165. | 0.9 | 43 |
| 68 | 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. | 1.6 | 42 |
| 69 | Genome- and exome-wide association study of serum lipoprotein (a) in the Jackson Heart Study. <i>Journal of Human Genetics</i> , 2015, 60, 755-761. | 1.1 | 42 |
| 70 | SWI/SNF chromatin-remodeling complexes in cardiovascular development and disease. <i>Cardiovascular Pathology</i> , 2014, 23, 85-91. | 0.7 | 41 |
| 71 | 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. | 0.9 | 41 |
| 72 | 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, 1593-1600. | 2.0 | 40 |

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|----|--|-----|-----------|
| 73 | MuRF2 regulates PPAR ¹ activity to protect against diabetic cardiomyopathy and enhance weight gain induced by a high fat diet. <i>Cardiovascular Diabetology</i> , 2015, 14, 97. | 2.7 | 40 |
| 74 | 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, 724-735. | 1.4 | 39 |
| 75 | Cardio-Metabolic Effects of HIV Protease Inhibitors (Lopinavir/Ritonavir). <i>PLoS ONE</i> , 2013, 8, e73347. | 1.1 | 39 |
| 76 | Bone marrow-derived cells contribute to contractile dysfunction in endotoxic shock. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H577-H583. | 1.5 | 38 |
| 77 | Blood bank management of sickle cell patients at comprehensive sickle cell centers. <i>Transfusion</i> , 2007, 47, 2089-2097. | 0.8 | 38 |
| 78 | Malondialdehyde-acetaldehyde (MAA) modified proteins induce pro-inflammatory and pro-fibrotic responses by liver endothelial cells. <i>Comparative Hepatology</i> , 2004, 3, S25. | 0.9 | 36 |
| 79 | Genetics and Heart Failure: A Concise Guide for the Clinician. <i>Current Cardiology Reviews</i> , 2014, 11, 10-17. | 0.6 | 36 |
| 80 | Muscle ring finger 1 and muscle ring finger 2 are necessary but functionally redundant during developmental cardiac growth and regulate E2F1-mediated gene expression <i>in vivo</i> . <i>Cell Biochemistry and Function</i> , 2014, 32, 39-50. | 1.4 | 36 |
| 81 | 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. | 1.9 | 36 |
| 82 | Exercise-Induced Alterations in Skeletal Muscle, Heart, Liver, and Serum Metabolome Identified by Non-Targeted Metabolomics Analysis. <i>Metabolites</i> , 2017, 7, 40. | 1.3 | 36 |
| 83 | Merits of Non-Invasive Rat Models of Left Ventricular Heart Failure. <i>Cardiovascular Toxicology</i> , 2011, 11, 91-112. | 1.1 | 35 |
| 84 | Corticosteroids Are Essential for Maintaining Cardiovascular Function in Male Mice. <i>Endocrinology</i> , 2016, 157, 2759-2771. | 1.4 | 35 |
| 85 | Effect of anemia on plasma concentrations of NT-proBNP. <i>Clinica Chimica Acta</i> , 2005, 358, 175-181. | 0.5 | 34 |
| 86 | Regulation of Large Conductance Ca ²⁺ -activated K ⁺ (BK) Channel β 1 Subunit Expression by Muscle RING Finger Protein 1 in Diabetic Vessels. <i>Journal of Biological Chemistry</i> , 2014, 289, 10853-10864. | 1.6 | 34 |
| 87 | Minireview: Won't Get Fooled Again: The Nonmetabolic Roles of Peroxisome Proliferator-Activated Receptors (PPARs) in the Heart. <i>Molecular Endocrinology</i> , 2010, 24, 1111-1119. | 3.7 | 33 |
| 88 | Functional Amyloid Signaling via the Inflammasome, Necrosome, and Signalosome: New Therapeutic Targets in Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 25. | 1.1 | 33 |
| 89 | Bmper Inhibits Endothelial Expression of Inflammatory Adhesion Molecules and Protects Against Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2214-2222. | 1.1 | 32 |
| 90 | Cancer cachexia update in head and neck cancer: Pathophysiology and treatment. <i>Head and Neck</i> , 2015, 37, 1057-1072. | 0.9 | 32 |

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| 91 | 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, . | 1.6 | 32 |
| 92 | 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, 985-995. | 1.8 | 31 |
| 93 | Mechanisms of alcohol liver damage: aldehydes, scavenger receptors, and autoimmunity. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 3145. | 3.0 | 29 |
| 94 | Evolving molecular diagnostics for familial cardiomyopathies: at the heart of it all. <i>Expert Review of Molecular Diagnostics</i> , 2010, 10, 329-351. | 1.5 | 29 |
| 95 | Non-targeted metabolomics of Brg1/Brm double-mutant cardiomyocytes reveals a novel role for SWI/SNF complexes in metabolic homeostasis. <i>Metabolomics</i> , 2015, 11, 1287-1301. | 1.4 | 29 |
| 96 | 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, 880-887. | 1.2 | 28 |
| 97 | 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. | 1.5 | 28 |
| 98 | Malondialdehyde-acetaldehyde haptenated protein binds macrophage scavenger receptor(s) and induces lysosomal damage. <i>International Immunopharmacology</i> , 2004, 4, 885-899. | 1.7 | 27 |
| 99 | 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, . | 1.6 | 27 |
| 100 | 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. | 0.7 | 27 |
| 101 | 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, 38. | 1.3 | 27 |
| 102 | Familial hypertrophic cardiomyopathy: Basic concepts and future molecular diagnostics. <i>Clinical Biochemistry</i> , 2009, 42, 755-765. | 0.8 | 26 |
| 103 | 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. | 2.9 | 26 |
| 104 | Malondialdehyde-acetaldehyde-haptenated protein induces cell death by induction of necrosis and apoptosis in immune cells. <i>International Immunopharmacology</i> , 2002, 2, 519-535. | 1.7 | 24 |
| 105 | Effects of the kinase inhibitor sorafenib on heart, muscle, liver and plasma metabolism <i>in vivo</i> using non-targeted metabolomics analysis. <i>British Journal of Pharmacology</i> , 2017, 174, 4797-4811. | 2.7 | 24 |
| 106 | CHIP phosphorylation by protein kinase G enhances protein quality control and attenuates cardiac ischemic injury. <i>Nature Communications</i> , 2020, 11, 5237. | 5.8 | 24 |
| 107 | Chronic ethanol consumption impairs receptor-mediated endocytosis of MAA-modified albumin by liver endothelial cells. <i>Biochemical Pharmacology</i> , 2003, 66, 1045-1054. | 2.0 | 23 |
| 108 | Appetite for destruction: E3 ubiquitin-ligase protection in cardiac disease. <i>Future Cardiology</i> , 2008, 4, 65-75. | 0.5 | 23 |

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|-----|--|-----|-----------|
| 109 | The Pathophysiology of Cardiac Hypertrophy and Heart Failure. , 2014, , 51-78. | | 23 |
| 110 | MuRF1 activity is present in cardiac mitochondria and regulates reactive oxygen species production in vivo. Journal of Bioenergetics and Biomembranes, 2014, 46, 173-187. | 1.0 | 23 |
| 111 | Muscle RING finger-1 attenuates IGF-I-dependent cardiomyocyte hypertrophy by inhibiting JNK signaling. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E723-E739. | 1.8 | 23 |
| 112 | Cardiac ubiquitin ligases: Their role in cardiac metabolism, autophagy, cardioprotection and therapeutic potential. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 2259-2269. | 1.8 | 23 |
| 113 | Evidence that endogenous formaldehyde produces immunogenic and atherogenic adduct epitopes. Scientific Reports, 2017, 7, 10787. | 1.6 | 23 |
| 114 | Ivar Asbj rn F lling. Laboratory Medicine, 2010, 41, 118-119. | 0.8 | 22 |
| 115 | The Hypermetabolic Giant: 18F-FDG avid Giant Cell Tumor identified on PET-CT. Journal of Radiology Case Reports, 2014, 8, 27-38. | 0.2 | 22 |
| 116 | MuRF1 mono-ubiquitinates TR  to inhibit T3-induced cardiac hypertrophy in vivo. Journal of Molecular Endocrinology, 2016, 56, 273-290. | 1.1 | 22 |
| 117 | Dystrophin-deficient dogs with reduced myostatin have unequal muscle growth and greater joint contractures. Skeletal Muscle, 2016, 6, 14. | 1.9 | 22 |
| 118 | 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. Translational Research, 2018, 195, 48-61. | 2.2 | 22 |
| 119 | Ephrin  Eph signaling as a potential therapeutic target for the treatment of myocardial infarction. Medical Hypotheses, 2013, 80, 738-744. | 0.8 | 21 |
| 120 | Endothelial inflammatory transcriptional responses to an altered plasma exposome following inhalation of diesel emissions. Inhalation Toxicology, 2015, 27, 272-280. | 0.8 | 21 |
| 121 | You spin me round: MafBx/Atrogin-1 feeds forward on FOXO transcription factors (like a record). Cell Cycle, 2008, 7, 440-443. | 1.3 | 20 |
| 122 | Untargeted metabolomics analysis of ischemia  reperfusion-injured hearts ex vivo from sedentary and exercise-trained rats. Metabolomics, 2018, 14, 8. | 1.4 | 20 |
| 123 | Platelet Endothelial Cell Adhesion Molecule 1 Mediates Endothelial  Cardiomyocyte Communication and Regulates Cardiac Function. Journal of the American Heart Association, 2015, 4, e001210. | 1.6 | 19 |
| 124 | Non-targeted metabolomics analysis of cardiac Muscle Ring Finger-1 (MuRF1), MuRF2, and MuRF3 in vivo reveals novel and redundant metabolic changes. Metabolomics, 2015, 11, 312-322. | 1.4 | 19 |
| 125 | Genome-wide admixture and association study of serum iron, ferritin, transferrin saturation and total iron binding capacity in African Americans. Human Molecular Genetics, 2015, 24, 572-581. | 1.4 | 19 |
| 126 | Adduction of soluble proteins with malondialdehyde-acetaldehyde (MAA) induces antibody production and enhances T-cell proliferation. Alcoholism: Clinical and Experimental Research, 2002, 26, 94-106. | 1.4 | 19 |

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|-----|---|------|-----------|
| 127 | Inhibitory kappa B kinase- β^2 is a target for specific nuclear factor kappa B-mediated delayed cardioprotection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 1274-1279. | 0.4 | 18 |
| 128 | Seek and destroy: The ubiquitin-proteasome system in cardiac disease. <i>Current Hypertension Reports</i> , 2009, 11, 396-405. | 1.5 | 18 |
| 129 | Muscle ring finger-3 protects against diabetic cardiomyopathy induced by a high fat diet. <i>BMC Endocrine Disorders</i> , 2015, 15, 36. | 0.9 | 18 |
| 130 | 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. | 0.9 | 18 |
| 131 | Cancer cachexia's metabolic signature in a murine model confirms a distinct entity. <i>Metabolomics</i> , 2013, 9, 730-739. | 1.4 | 17 |
| 132 | Proteotoxicity and Cardiac Dysfunction. <i>New England Journal of Medicine</i> , 2013, 368, 1754-1755. | 13.9 | 17 |
| 133 | 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. | 1.2 | 17 |
| 134 | Low Blast Count Myeloid Disorders With Auer Rods. <i>American Journal of Clinical Pathology</i> , 2005, 124, 191-198. | 0.4 | 16 |
| 135 | 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. | 1.4 | 16 |
| 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, 31. | 1.3 | 16 |
| 137 | Identification of Metabolic Changes in Ileum, Jejunum, Skeletal Muscle, Liver, and Lung in a Continuous I.V. <i>Pseudomonas aeruginosa</i> Model of Sepsis Using Nontargeted Metabolomics Analysis. <i>American Journal of Pathology</i> , 2019, 189, 1797-1813. | 1.9 | 16 |
| 138 | The Challenges and Complexities of Thyroid Hormone Replacement. <i>Laboratory Medicine</i> , 2010, 41, 338-348. | 0.8 | 15 |
| 139 | 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. | 0.0 | 15 |
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