

Geir Christensen

List of Publications by Year in descending order

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Version: 2024-02-01

138
papers

5,749
citations

71102

41
h-index

91884

69
g-index

140
all docs

140
docs citations

140
times ranked

7681
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The NLRP3 inflammasome is up-regulated in cardiac fibroblasts and mediates myocardial ischaemiaâ€“reperfusion injury. <i>Cardiovascular Research</i> , 2013, 99, 164-174. | 3.8 | 400 |
| 2 | Increased systemic and myocardial expression of neutrophil gelatinase-associated lipocalin in clinical and experimental heart failure. <i>European Heart Journal</i> , 2009, 30, 1229-1236. | 2.2 | 260 |
| 3 | Dysregulated Osteoprotegerin/RANK Ligand/RANK Axis in Clinical and Experimental Heart Failure. <i>Circulation</i> , 2005, 111, 2461-2468. | 1.6 | 213 |
| 4 | Elevated Levels of Activin A in Heart Failure. <i>Circulation</i> , 2004, 109, 1379-1385. | 1.6 | 150 |
| 5 | Cardiac O-GlcNAc signaling is increased in hypertrophy and heart failure. <i>Physiological Genomics</i> , 2012, 44, 162-172. | 2.3 | 150 |
| 6 | A Dominant STIM1 Mutation Causes Stormorken Syndrome. <i>Human Mutation</i> , 2014, 35, 556-564. | 2.5 | 143 |
| 7 | Moderate heart dysfunction in mice with inducible cardiomyocyte-specific excision of the Serca2 gene. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 47, 180-187. | 1.9 | 128 |
| 8 | The Soft- and Hard-Heartedness of Cardiac Fibroblasts: Mechanotransduction Signaling Pathways in Fibrosis of the Heart. <i>Journal of Clinical Medicine</i> , 2017, 6, 53. | 2.4 | 128 |
| 9 | Syndecan-4 signaling via NFAT regulates extracellular matrix production and cardiac myofibroblast differentiation in response to mechanical stress. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 54, 73-81. | 1.9 | 122 |
| 10 | Reduced level of serine16 phosphorylated phospholamban in the failing rat myocardium: a major contributor to reduced SERCA2 activity. <i>Cardiovascular Research</i> , 2002, 53, 382-391. | 3.8 | 120 |
| 11 | Increased In Vivo Expression and Production of Endothelin-1 by Porcine Cardiomyocytes Subjected to Ischemia. <i>Circulation Research</i> , 1995, 76, 767-772. | 4.5 | 110 |
| 12 | Decreased hematopoiesis in bone marrow of mice with congestive heart failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 282, R166-R172. | 1.8 | 107 |
| 13 | Small-molecule activation of SERCA2a SUMOylation for the treatment of heart failure. <i>Nature Communications</i> , 2015, 6, 7229. | 12.8 | 102 |
| 14 | Increased cardiac IL-18 mRNA, pro-IL-18 and plasma IL-18 after myocardial infarction in the mouse; a potential role in cardiac dysfunction. <i>Cardiovascular Research</i> , 2003, 59, 122-131. | 3.8 | 88 |
| 15 | Syndecan-4 is a key determinant of collagen cross-linking and passive myocardial stiffness in the pressure-overloaded heart. <i>Cardiovascular Research</i> , 2015, 106, 217-226. | 3.8 | 87 |
| 16 | Attenuated development of cardiac fibrosis in left ventricular pressure overload by SM16, an orally active inhibitor of ALK5. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 76, 148-157. | 1.9 | 86 |
| 17 | Sodium accumulation promotes diastolic dysfunction in end-stage heart failure following <i>Serca2</i> knockout. <i>Journal of Physiology</i> , 2010, 588, 465-478. | 2.9 | 85 |
| 18 | Daily administration of interleukin-18 causes myocardial dysfunction in healthy mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H708-H714. | 3.2 | 84 |

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|----|--|-----|-----------|
| 19 | Echocardiographic parameters discriminating myocardial infarction with pulmonary congestion from myocardial infarction without congestion in the mouse. <i>Journal of Applied Physiology</i> , 2005, 98, 680-689. | 2.5 | 82 |
| 20 | Lumican is increased in experimental and clinical heart failure, and its production by cardiac fibroblasts is induced by mechanical and proinflammatory stimuli. <i>FEBS Journal</i> , 2013, 280, 2382-2398. | 4.7 | 80 |
| 21 | Reduced Myocardial Na ⁺ , K ⁺ -pump Capacity in Congestive Heart Failure Following Myocardial Infarction in Rats. <i>Journal of Molecular and Cellular Cardiology</i> , 1998, 30, 1311-1328. | 1.9 | 79 |
| 22 | Sweet, yet underappreciated: Proteoglycans and extracellular matrix remodeling in heart disease. <i>Matrix Biology</i> , 2019, 75-76, 286-299. | 3.6 | 79 |
| 23 | Innate immune signaling induces expression and shedding of the heparan sulfate proteoglycan syndecan-4 in cardiac fibroblasts and myocytes, affecting inflammation in the pressure-overloaded heart. <i>FEBS Journal</i> , 2013, 280, 2228-2247. | 4.7 | 78 |
| 24 | Syndecan-4 Is Essential for Development of Concentric Myocardial Hypertrophy via Stretch-Induced Activation of the Calcineurin-NFAT Pathway. <i>PLoS ONE</i> , 2011, 6, e28302. | 2.5 | 72 |
| 25 | Cytokine expression profiling of the myocardium reveals a role for CX3CL1 (fractalkine) in heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 45, 261-269. | 1.9 | 69 |
| 26 | No Rest for the Weary: Diastolic Calcium Homeostasis in the Normal and Failing Myocardium. <i>Physiology</i> , 2012, 27, 308-323. | 3.1 | 64 |
| 27 | Absence of the inflammasome adaptor ASC reduces hypoxia-induced pulmonary hypertension in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L378-L387. | 2.9 | 63 |
| 28 | High-Efficiency, Long-Term Cardiac Expression of Foreign Genes in Living Mouse Embryos and Neonates. <i>Circulation</i> , 2000, 101, 178-184. | 1.6 | 58 |
| 29 | Shedding of syndecan-4 promotes immune cell recruitment and mitigates cardiac dysfunction after lipopolysaccharide challenge in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 88, 133-144. | 1.9 | 58 |
| 30 | Extreme sarcoplasmic reticulum volume loss and compensatory T-tubule remodeling after <i>Serca2</i> knockout. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3997-4001. | 7.1 | 56 |
| 31 | Elevated levels of activin A in clinical and experimental pulmonary hypertension. <i>Journal of Applied Physiology</i> , 2009, 106, 1356-1364. | 2.5 | 55 |
| 32 | Effect of endothelin antagonism on the production of cytokines in eosinophilic airway inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L659-L665. | 2.9 | 52 |
| 33 | Syndecans in heart fibrosis. <i>Cell and Tissue Research</i> , 2016, 365, 539-552. | 2.9 | 52 |
| 34 | Lack of collagen VIII reduces fibrosis and promotes early mortality and cardiac dilatation in pressure overload in mice. <i>Cardiovascular Research</i> , 2015, 106, 32-42. | 3.8 | 49 |
| 35 | Time Course of Degradation of Cardiac Troponin I in Patients With Acute ST-Elevation Myocardial Infarction. <i>Circulation Research</i> , 2006, 99, 1141-1147. | 4.5 | 47 |
| 36 | Influence of Glycosylation on Diagnostic and Prognostic Accuracy of N-Terminal Pro-B-Type Natriuretic Peptide in Acute Dyspnea: Data from the Akershus Cardiac Examination 2 Study. <i>Clinical Chemistry</i> , 2015, 61, 1087-1097. | 3.2 | 47 |

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|----|--|-----|-----------|
| 37 | Reduced SERCA2 abundance decreases the propensity for Ca ²⁺ wave development in ventricular myocytes. <i>Cardiovascular Research</i> , 2010, 86, 63-71. | 3.8 | 46 |
| 38 | Secretoneurin Is a Novel Prognostic Cardiovascular Biomarker Associated With Cardiomyocyte Calcium Handling. <i>Journal of the American College of Cardiology</i> , 2015, 65, 339-351. | 2.8 | 45 |
| 39 | Wnt5a is elevated in heart failure and affects cardiac fibroblast function. <i>Journal of Molecular Medicine</i> , 2017, 95, 767-777. | 3.9 | 45 |
| 40 | NEIL3-Dependent Regulation of Cardiac Fibroblast Proliferation Prevents Myocardial Rupture. <i>Cell Reports</i> , 2017, 18, 82-92. | 6.4 | 45 |
| 41 | Release of endothelin from the porcine heart after short term coronary artery occlusion. <i>Cardiovascular Research</i> , 1993, 27, 1482-1485. | 3.8 | 42 |
| 42 | Monocyte chemoattractant protein-1 enhances and interleukin-10 suppresses the production of inflammatory cytokines in adult rat cardiomyocytes. <i>Basic Research in Cardiology</i> , 2001, 96, 345-352. | 5.9 | 42 |
| 43 | Circulating cytokine levels in mice with heart failure are etiology dependent. <i>Journal of Applied Physiology</i> , 2010, 108, 1357-1364. | 2.5 | 42 |
| 44 | The extracellular matrix proteoglycan fibromodulin is upregulated in clinical and experimental heart failure and affects cardiac remodeling. <i>PLoS ONE</i> , 2018, 13, e0201422. | 2.5 | 41 |
| 45 | Increased syndecan expression following myocardial infarction indicates a role in cardiac remodeling. <i>Physiological Genomics</i> , 2004, 16, 301-308. | 2.3 | 40 |
| 46 | Sodium Accumulation in SERCA Knockout-Induced Heart Failure. <i>Biophysical Journal</i> , 2012, 102, 2039-2048. | 0.5 | 39 |
| 47 | Synchrony of Cardiomyocyte Ca ²⁺ Release is Controlled by t-tubule Organization, SR Ca ²⁺ Content, and Ryanodine Receptor Ca ²⁺ Sensitivity. <i>Biophysical Journal</i> , 2013, 104, 1685-1697. | 0.5 | 39 |
| 48 | Increased Production of CXCL16 in Experimental and Clinical Heart Failure. <i>Circulation: Heart Failure</i> , 2009, 2, 624-632. | 3.9 | 38 |
| 49 | The extracellular matrix proteoglycan lumican improves survival and counteracts cardiac dilatation and failure in mice subjected to pressure overload. <i>Scientific Reports</i> , 2019, 9, 9206. | 3.3 | 38 |
| 50 | Transient, isopeptide-specific induction of myocardial endothelin-1 mRNA in congestive heart failure in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1997, 273, H1727-H1736. | 3.2 | 37 |
| 51 | Chromogranin B in Heart Failure. <i>Circulation: Heart Failure</i> , 2010, 3, 503-511. | 3.9 | 36 |
| 52 | Chemokines regulate small leucine-rich proteoglycans in the extracellular matrix of the pressure-overloaded right ventricle. <i>Journal of Applied Physiology</i> , 2012, 112, 1372-1382. | 2.5 | 36 |
| 53 | A novel method for high precision aortic constriction that allows for generation of specific cardiac phenotypes in mice. <i>Cardiovascular Research</i> , 2018, 114, 1680-1690. | 3.8 | 36 |
| 54 | Pentosan Polysulfate Decreases Myocardial Expression of the Extracellular Matrix Enzyme ADAMTS4 and Improves Cardiac Function In Vivo in Rats Subjected to Pressure Overload by Aortic Banding. <i>PLoS ONE</i> , 2014, 9, e89621. | 2.5 | 36 |

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|----|--|-----|-----------|
| 55 | Prognostic Value of Circulating MicroRNA-210 Levels in Patients with Moderate to Severe Aortic Stenosis. <i>PLoS ONE</i> , 2014, 9, e91812. | 2.5 | 35 |
| 56 | Caspase-1 induces smooth muscle cell growth in hypoxia-induced pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L999-L1012. | 2.9 | 35 |
| 57 | Increased Synthesis and Release of Endothelin-1 during the Initial Phase of Airway Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998, 158, 1600-1606. | 5.6 | 34 |
| 58 | Cre-loxP DNA recombination is possible with only minimal unspecific transcriptional changes and without cardiomyopathy in Tg(I±MHC-MerCreMer) mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H1671-H1678. | 3.2 | 34 |
| 59 | Effects of Congestive Heart Failure on Ca ²⁺ Handling in Skeletal Muscle During Fatigue. <i>Circulation Research</i> , 2006, 98, 1514-1519. | 4.5 | 33 |
| 60 | Angiotensin II and norepinephrine activate specific calcineurin-dependent NFAT transcription factor isoforms in cardiomyocytes. <i>Journal of Applied Physiology</i> , 2011, 111, 1278-1289. | 2.5 | 33 |
| 61 | The Homeostatic Chemokine CCL21 Predicts Mortality and May Play a Pathogenic Role in Heart Failure. <i>PLoS ONE</i> , 2012, 7, e33038. | 2.5 | 33 |
| 62 | Alveolar hypoxia induces left ventricular diastolic dysfunction and reduces phosphorylation of phospholamban in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H507-H516. | 3.2 | 31 |
| 63 | Collagen isoform shift during the early phase of reverse left ventricular remodelling after relief of pressure overload. <i>European Heart Journal</i> , 2011, 32, 236-245. | 2.2 | 31 |
| 64 | Inhibition of SMAD2 phosphorylation preserves cardiac function during pressure overload. <i>Cardiovascular Research</i> , 2012, 93, 100-110. | 3.8 | 31 |
| 65 | Secretogranin II; a Protein Increased in the Myocardium and Circulation in Heart Failure with Cardioprotective Properties. <i>PLoS ONE</i> , 2012, 7, e37401. | 2.5 | 31 |
| 66 | Wnt5a is associated with right ventricular dysfunction and adverse outcome in dilated cardiomyopathy. <i>Scientific Reports</i> , 2017, 7, 3490. | 3.3 | 31 |
| 67 | Syndecan-4 Protects the Heart From the Profibrotic Effects of Thrombin-Cleaved Osteopontin. <i>Journal of the American Heart Association</i> , 2020, 9, e013518. | 3.7 | 30 |
| 68 | Lack of Chemokine Signaling through CXCR5 Causes Increased Mortality, Ventricular Dilatation and Deranged Matrix during Cardiac Pressure Overload. <i>PLoS ONE</i> , 2011, 6, e18668. | 2.5 | 30 |
| 69 | Increased Levels of Eotaxin and MCP-1 in Juvenile Dermatomyositis Median 16.8 Years after Disease Onset; Associations with Disease Activity, Duration and Organ Damage. <i>PLoS ONE</i> , 2014, 9, e92171. | 2.5 | 30 |
| 70 | Diastolic dysfunction in alveolar hypoxia: a role for interleukin-18-mediated increase in protein phosphatase 2A. <i>Cardiovascular Research</i> , 2008, 80, 47-54. | 3.8 | 28 |
| 71 | Lack of CCR7 induces pulmonary hypertension involving perivascular leukocyte infiltration and inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L50-L59. | 2.9 | 28 |
| 72 | Glycosylated Chromogranin A in Heart Failure. <i>Circulation: Heart Failure</i> , 2017, 10, . | 3.9 | 28 |

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|----|---|-----|-----------|
| 73 | Mice carrying a conditional Serca2 ^{flox} allele for the generation of Ca ²⁺ handling-deficient mouse models. <i>Cell Calcium</i> , 2009, 46, 219-225. | 2.4 | 27 |
| 74 | AKAP18 ^l Anchors and Regulates CaMKII Activity at Phospholamban-SERCA2 and RYR. <i>Circulation Research</i> , 2022, 130, 27-44. | 4.5 | 27 |
| 75 | Multiple cytokine biomarkers in heart failure. <i>Expert Review of Molecular Diagnostics</i> , 2010, 10, 147-157. | 3.1 | 25 |
| 76 | Cardiomyocyte-specific disruption of Serca2 in adult mice causes sarco(endo)plasmic reticulum stress and apoptosis. <i>Cell Calcium</i> , 2011, 49, 201-207. | 2.4 | 25 |
| 77 | Ca ²⁺ wave probability is determined by the balance between SERCA2-dependent Ca ²⁺ reuptake and threshold SR Ca ²⁺ content. <i>Cardiovascular Research</i> , 2011, 90, 503-512. | 3.8 | 25 |
| 78 | Moderate Loss of the Extracellular Matrix Proteoglycan Lumican Attenuates Cardiac Fibrosis in Mice Subjected to Pressure Overload. <i>Cardiology</i> , 2020, 145, 187-198. | 1.4 | 25 |
| 79 | Alterations in circulating activin A, GDF-15, TGF- β 3 and MMP-2, -3, and -9 during one year of left ventricular reverse remodelling in patients operated for severe aortic stenosis. <i>European Journal of Heart Failure</i> , 2008, 10, 1201-1207. | 7.1 | 23 |
| 80 | Decorin, lumican, and their GAG chain-synthesizing enzymes are regulated in myocardial remodeling and reverse remodeling in the mouse. <i>Journal of Applied Physiology</i> , 2013, 114, 988-997. | 2.5 | 23 |
| 81 | Prognostic Value of Secretoneurin in Patients With Severe Sepsis and Septic Shock. <i>Critical Care Medicine</i> , 2018, 46, e404-e410. | 0.9 | 23 |
| 82 | The cardiac syndecan-4 interactome reveals a role for syndecan-4 in nuclear translocation of muscle LIM protein (MLP). <i>Journal of Biological Chemistry</i> , 2019, 294, 8717-8731. | 3.4 | 22 |
| 83 | Regional diastolic dysfunction in post-infarction heart failure: role of local mechanical load and SERCA expression. <i>Cardiovascular Research</i> , 2019, 115, 752-764. | 3.8 | 22 |
| 84 | The Heparan Sulfate Proteoglycan Glypican-6 Is Upregulated in the Failing Heart, and Regulates Cardiomyocyte Growth through ERK1/2 Signaling. <i>PLoS ONE</i> , 2016, 11, e0165079. | 2.5 | 22 |
| 85 | The Homeostatic Chemokine CCL21 Predicts Mortality in Aortic Stenosis Patients and Modulates Left Ventricular Remodeling. <i>PLoS ONE</i> , 2014, 9, e112172. | 2.5 | 21 |
| 86 | Prognostic and diagnostic significance of copeptin in acute exacerbation of chronic obstructive pulmonary disease and acute heart failure: data from the ACE 2 study. <i>Respiratory Research</i> , 2017, 18, 184. | 3.6 | 21 |
| 87 | STIM1 R304W causes muscle degeneration and impaired platelet activation in mice. <i>Cell Calcium</i> , 2018, 76, 87-100. | 2.4 | 21 |
| 88 | The extracellular matrix glycoprotein ADAMTSL2 is increased in heart failure and inhibits TGF- β 2 signalling in cardiac fibroblasts. <i>Scientific Reports</i> , 2021, 11, 19757. | 3.3 | 20 |
| 89 | Dephosphorylation of cardiac proteins in vitro – a matter of phosphatase specificity. <i>Proteomics</i> , 2012, 12, 973-978. | 2.2 | 18 |
| 90 | In active juvenile dermatomyositis, elevated eotaxin and MCP-1 and cholesterol levels in the upper normal range are associated with cardiac dysfunction. <i>Rheumatology</i> , 2014, 53, 2214-2222. | 1.9 | 18 |

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|-----|--|-----|-----------|
| 91 | Beta-Adrenergic Stimulation Maintains Cardiac Function in Serca2 Knockout Mice. <i>Biophysical Journal</i> , 2013, 104, 1349-1356. | 0.5 | 17 |
| 92 | Differential regulation of extracellular matrix constituents in myocardial remodeling with and without heart failure following pressure overload. <i>Matrix Biology</i> , 2013, 32, 133-142. | 3.6 | 17 |
| 93 | Syndecan-4 ^{-/-} Mice Have Smaller Muscle Fibers, Increased Akt/mTOR/S6K1 and Notch/HES-1 Pathways, and Alterations in Extracellular Matrix Components. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 730. | 3.7 | 17 |
| 94 | Sacubitril/valsartan ameliorates cardiac hypertrophy and preserves diastolic function in cardiac pressure overload. <i>ESC Heart Failure</i> , 2021, 8, 918-927. | 3.1 | 17 |
| 95 | Effect of short- and long-term physical activities on circulating granin protein levels. <i>Regulatory Peptides</i> , 2013, 185, 14-19. | 1.9 | 14 |
| 96 | Prognostic Value of Secretoneurin in Patients with Acute Respiratory Failure: Data from the FINNALI Study. <i>Clinical Chemistry</i> , 2016, 62, 1380-1389. | 3.2 | 14 |
| 97 | Separate mechanisms cause anemia in ischemic vs. nonischemic murine heart failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R808-R814. | 1.8 | 13 |
| 98 | Sustained Toll-Like Receptor 9 Activation Promotes Systemic and Cardiac Inflammation, and Aggravates Diastolic Heart Failure in SERCA2a KO Mice. <i>PLoS ONE</i> , 2015, 10, e0139715. | 2.5 | 13 |
| 99 | Prognostic Value of Secretoneurin in Critically Ill Patients With Infections. <i>Critical Care Medicine</i> , 2016, 44, 1882-1890. | 0.9 | 13 |
| 100 | Circulating Secretoneurin Concentrations After Cardiac Surgery: Data From the FINNish Acute Kidney Injury Heart Study. <i>Critical Care Medicine</i> , 2019, 47, e412-e419. | 0.9 | 13 |
| 101 | IL-18 and IL-12 synergy induces matrix degrading enzymes in the lung. <i>Experimental Lung Research</i> , 2012, 38, 406-419. | 1.2 | 12 |
| 102 | Secretoneurin Is an Endogenous Calcium/Calmodulin-Dependent Protein Kinase II Inhibitor That Attenuates Ca ²⁺ -Dependent Arrhythmia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007045. | 4.8 | 12 |
| 103 | The influence of heart failure co-morbidity on high-sensitivity troponin T levels in COPD exacerbation in a prospective cohort study: data from the Akershus cardiac examination (ACE) 2 study. <i>Biomarkers</i> , 2016, 21, 173-179. | 1.9 | 11 |
| 104 | Reduced immune responses to an aseptic inflammation in mice with congestive heart failure. <i>European Journal of Haematology</i> , 2005, 75, 156-163. | 2.2 | 10 |
| 105 | High-intensity exercise training in mice with cardiomyocyte-specific disruption of <i>Serca2</i> . <i>Journal of Applied Physiology</i> , 2010, 108, 1311-1320. | 2.5 | 10 |
| 106 | Cardiopulmonary alterations in mRNA expression for interleukin-1 β , the interleukin-6 superfamily and CXC-chemokines during development of postischaemic heart failure in the rat. <i>Clinical Physiology and Functional Imaging</i> , 2003, 23, 263-268. | 1.2 | 9 |
| 107 | Slowed relaxation and preserved maximal force in soleus muscles of mice with targeted disruption of the <i>Serca2</i> gene in skeletal muscle. <i>Journal of Physiology</i> , 2011, 589, 6139-6155. | 2.9 | 9 |
| 108 | Mid-regional pro-adrenomedullin in patients with acute dyspnea: Data from the Akershus Cardiac Examination (ACE) 2 Study. <i>Clinical Biochemistry</i> , 2017, 50, 394-400. | 1.9 | 9 |

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|-----|---|-----|-----------|
| 109 | Cardiac Troponin I Degradation in Serum of Patients with Hypertrophic Obstructive Cardiomyopathy Undergoing Percutaneous Septal Ablation. <i>Cardiology</i> , 2009, 114, 167-173. | 1.4 | 8 |
| 110 | Long-term levosimendan treatment improves systolic function and myocardial relaxation in mice with cardiomyocyte-specific disruption of the <i>Serca2</i> gene. <i>Journal of Applied Physiology</i> , 2013, 115, 1572-1580. | 2.5 | 8 |
| 111 | Prominent Heart Organ-Level Performance Deficits in a Genetic Model of Targeted Severe and Progressive <i>SERCA2</i> Deficiency. <i>PLoS ONE</i> , 2013, 8, e79609. | 2.5 | 7 |
| 112 | Prevalence and Prognostic Significance of Hyponatremia in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease: Data from the Akershus Cardiac Examination (ACE) 2 Study. <i>PLoS ONE</i> , 2016, 11, e0161232. | 2.5 | 7 |
| 113 | Circulating secretoneurin concentrations in patients with moderate to severe aortic stenosis. <i>Clinical Biochemistry</i> , 2019, 71, 17-23. | 1.9 | 7 |
| 114 | Generation of a novel mouse strain with fibroblast-specific expression of Cre recombinase. <i>Matrix Biology Plus</i> , 2020, 8, 100045. | 3.5 | 7 |
| 115 | The Cardiac Syndecan-2 Interactome. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 792. | 3.7 | 7 |
| 116 | Exercise training before cardiac-specific <i>Serca2</i> disruption attenuates the decline in cardiac function in mice. <i>Journal of Applied Physiology</i> , 2010, 109, 1749-1755. | 2.5 | 6 |
| 117 | Prognostic and diagnostic significance of mid-regional pro-atrial natriuretic peptide in acute exacerbation of chronic obstructive pulmonary disease and acute heart failure: data from the ACE 2 Study. <i>Biomarkers</i> , 2018, 23, 654-663. | 1.9 | 6 |
| 118 | High-sensitivity cardiac troponin T and N-terminal pro-B-type natriuretic peptide in acute heart failure: Data from the ACE 2 study. <i>Clinical Biochemistry</i> , 2021, 88, 30-36. | 1.9 | 6 |
| 119 | Toll-Like Receptor 9 Promotes Survival in <i>SERCA2a</i> KO Heart Failure Mice. <i>Mediators of Inflammation</i> , 2017, 2017, 1-11. | 3.0 | 5 |
| 120 | Endothelin-1 in the Human Myocardium and Circulating Plasma: Evaluation before, during and after Correction of Aortic Stenosis with Aortic Valve Replacement. <i>Cardiology</i> , 2012, 123, 1-10. | 1.4 | 4 |
| 121 | Fibroblast growth factor 23 in patients with acute dyspnea: Data from the Akershus Cardiac Examination (ACE) 2 Study. <i>Clinical Biochemistry</i> , 2018, 52, 41-47. | 1.9 | 4 |
| 122 | Diagnostic and prognostic properties of procalcitonin in patients with acute dyspnea: Data from the ACE 2 Study. <i>Clinical Biochemistry</i> , 2018, 59, 62-68. | 1.9 | 4 |
| 123 | Biological variation of secretoneurin; a novel cardiovascular biomarker implicated in arrhythmogenesis. <i>Clinical Biochemistry</i> , 2021, 98, 74-77. | 1.9 | 4 |
| 124 | Integrin $\alpha 11 \beta 1$ and syndecan-4 dual receptor ablation attenuate cardiac hypertrophy in the pressure overloaded heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H1057-H1071. | 3.2 | 4 |
| 125 | Psychological distress and mortality in patients with acute dyspnea: data from the Akershus Cardiac Examination (ACE) 2 Study. <i>General Hospital Psychiatry</i> , 2015, 37, 548-553. | 2.4 | 3 |
| 126 | Performance of a Novel Research-Use-Only Secretoneurin ELISA in Patients with Suspected Acute Coronary Syndrome: Comparison with an Established Secretoneurin Radioimmunoassay. <i>Cardiology</i> , 2021, 146, 566-574. | 1.4 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Circulating MicroRNA-210 Concentrations in Patients with Acute Heart Failure: Data from the Akershus Cardiac Examination 2 Study. <i>Clinical Chemistry</i> , 2021, 67, 889-898. | 3.2 | 3 |
| 128 | Prognostic value of cardiac biomarkers and National Early Warning Score 2 in acute dyspnoea. <i>Open Heart</i> , 2022, 9, e001938. | 2.3 | 3 |
| 129 | Embryonic and Neonatal Cardiac Gene Transfer In Vivo. , 2003, 219, 169-178. | | 2 |
| 130 | Calcium release units in heart failure: that's about the size of it. <i>Cardiovascular Research</i> , 2012, 95, 397-398. | 3.8 | 2 |
| 131 | Circulating chromogranin B levels in patients with acute respiratory failure: data from the FINNALI Study. <i>Biomarkers</i> , 2017, 22, 775-781. | 1.9 | 2 |
| 132 | Glycosylated Chromogranin A: Potential Role in the Pathogenesis of Heart Failure. <i>Current Heart Failure Reports</i> , 2017, 14, 478-488. | 3.3 | 2 |
| 133 | Endothelin Release Associated with Splanchnic Ischemia is Abolished by Inhibition of Leukocyte-derived Proteases. <i>Endothelium: Journal of Endothelial Cell Research</i> , 1995, 3, 225-234. | 1.7 | 1 |
| 134 | Plasma IL-18 and IL-18BP are altered differently in reverse remodeling following aortic valve replacement. <i>Scandinavian Cardiovascular Journal</i> , 2010, 44, 113-118. | 1.2 | 1 |
| 135 | Extreme altitude induces divergent mass reduction of right and left ventricle in mountain climbers. <i>Physiological Reports</i> , 2022, 10, e15184. | 1.7 | 1 |
| 136 | In memory of Guro Valen (1960â€“2014). <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 79, 254-255. | 1.9 | 0 |
| 137 | Mechanical Stress activates NFATc4 in Cardiac Fibroblasts via Syndecanâ€“4. <i>FASEB Journal</i> , 2012, 26, 1059.7. | 0.5 | 0 |
| 138 | Syndecanâ€“4 promotes myocardial stiffness by regulating collagen expression and crossâ€“linking in response to pressure overload (1152.2). <i>FASEB Journal</i> , 2014, 28, 1152.2. | 0.5 | 0 |