

Thomas Thum

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9269150/thomas-thum-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

409
papers

28,846
citations

85
h-index

160
g-index

467
ext. papers

34,250
ext. citations

8.6
avg, IF

7.41
L-index

#	Paper	IF	Citations
409	Animal models and animal-free innovations for cardiovascular research: current status and routes to be explored. Consensus document of the ESC working group on myocardial function and the ESC Working Group on Cellular Biology of the Heart.. <i>Cardiovascular Research</i> , 2022 ,	9.9	3
408	Skeletal muscle derived Musclin protects the heart during pathological overload.. <i>Nature Communications</i> , 2022 , 13, 149	17.4	3
407	MiR-486 attenuates cardiac ischemia/reperfusion injury and mediates the beneficial effect of exercise for myocardial protection.. <i>Molecular Therapy</i> , 2022 ,	11.7	2
406	Interpretation and actionability of genetic variants in cardiomyopathies: a position statement from the European Society of Cardiology Council on cardiovascular genomics.. <i>European Heart Journal</i> , 2022 ,	9.5	3
405	Nicht kodierende Ribonukleinsäure im kardiovaskulären System. <i>Kardiologe</i> , 2022 , 16, 100-108	0.6	
404	Development and characterization of anti-fibrotic natural compound similars with improved effectivity.. <i>Basic Research in Cardiology</i> , 2022 , 117, 9	11.8	0
403	Methods for the identification and characterization of extracellular vesicles in cardiovascular studies - from exosomes to microvesicles.. <i>Cardiovascular Research</i> , 2022 ,	9.9	4
402	Neonatal injury models: integral tools to decipher the molecular basis of cardiac regeneration.. <i>Basic Research in Cardiology</i> , 2022 , 117, 26	11.8	
401	Comprehensive Expression Analysis of Cardiac Fibroblast Growth Factor 23 in Health and Pressure-induced Cardiac Hypertrophy.. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 791479	5.7	1
400	Targeted therapies in genetic dilated and hypertrophic cardiomyopathies: From molecular mechanisms to therapeutic targets.. <i>European Journal of Heart Failure</i> , 2021 ,	12.3	2
399	The long non-coding RNA NRON promotes the development of cardiac hypertrophy in the murine heart. <i>Molecular Therapy</i> , 2021 ,	11.7	1
398	Circulating microRNAs in Symptomatic and Asymptomatic Carotid Stenosis.. <i>Frontiers in Neurology</i> , 2021 , 12, 755827	4.1	0
397	COVID-19 vaccination in patients with heart failure: a position paper of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2021 , 23, 1806-1818	12.3	7
396	Pathophysiology of Takotsubo syndrome – a joint scientific statement from the Heart Failure Association Takotsubo Syndrome Study Group and Myocardial Function Working Group of the European Society of Cardiology – Part 2: vascular pathophysiology, gender and sex hormones, genetics, chronic cardiovascular problems and clinical implications. <i>European Journal of Heart</i>	12.3	6
395	Artificial Intelligence Identifies an Urgent Need for Peripheral Vascular Intervention by Multiplexing Standard Clinical Parameters. <i>Biomedicines</i> , 2021 , 9,	4.8	3
394	Non-coding RNAs-key regulators of reprogramming, pluripotency and cardiac cell specification with therapeutic perspective for heart regeneration. <i>Cardiovascular Research</i> , 2021 ,	9.9	2
393	Cardiac Fibroblast Growth Factor 23 Excess Does Not Induce Left Ventricular Hypertrophy in Healthy Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 745892	5.7	4

392	Risk stratification and management of women with cardiomyopathy/heart failure planning pregnancy or presenting during/after pregnancy: a position statement from the Heart Failure Association of the European Society of Cardiology Study Group on Peripartum Cardiomyopathy. <i>European Journal of Heart Failure</i> , 2021 , 23, 527-540	12.3	10
391	Circulating cardiovascular microRNAs in critically ill COVID-19 patients. <i>European Journal of Heart Failure</i> , 2021 , 23, 468-475	12.3	39
390	Alternative strategies in cardiac preclinical research and new clinical trial formats. <i>Cardiovascular Research</i> , 2021 ,	9.9	3
389	Remodelling of adult cardiac tissue subjected to physiological and pathological mechanical load in vitro. <i>Cardiovascular Research</i> , 2021 ,	9.9	6
388	Cardiovascular RNA markers and artificial intelligence may improve COVID-19 outcome: a position paper from the EU-CardioRNA COST Action CA17129. <i>Cardiovascular Research</i> , 2021 , 117, 1823-1840	9.9	5
387	Therapeutic and Diagnostic Translation of Extracellular Vesicles in Cardiovascular Diseases: Roadmap to the Clinic. <i>Circulation</i> , 2021 , 143, 1426-1449	16.7	42
386	Telomerase therapy attenuates cardiotoxic effects of doxorubicin. <i>Molecular Therapy</i> , 2021 , 29, 1395-1410	10.7	13
385	Patient profiling in heart failure for tailoring medical therapy. A consensus document of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2021 , 23, 872-881	12.3	41
384	Leveraging clinical epigenetics in heart failure with preserved ejection fraction: a call for individualized therapies. <i>European Heart Journal</i> , 2021 , 42, 1940-1958	9.5	13
383	Heart Failure Association of the ESC, Heart Failure Society of America and Japanese Heart Failure Society Position statement on endomyocardial biopsy. <i>European Journal of Heart Failure</i> , 2021 , 23, 854-871	12.3	29
382	AntimiR-132 Attenuates Myocardial Hypertrophy in an Animal Model of Percutaneous Aortic Constriction. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 2923-2935	15.1	11
381	Reconstruction of the miR-506-Quaking axis in Idiopathic Pulmonary Fibrosis using integrative multi-source bioinformatics. <i>Scientific Reports</i> , 2021 , 11, 12456	4.9	2
380	Circulating microRNAs predispose to takotsubo syndrome following high-dose adrenaline exposure. <i>Cardiovascular Research</i> , 2021 ,	9.9	7
379	Serum microRNAs and antifibrotic response to eplerenone in acute myocardial infarction complicated by systolic dysfunction. <i>International Journal of Cardiology</i> , 2021 , 332, 35-37	3.2	2
378	Heart Failure Association, Heart Failure Society of America, and Japanese Heart Failure Society Position Statement on Endomyocardial Biopsy. <i>Journal of Cardiac Failure</i> , 2021 , 27, 727-743	3.3	7
377	ERBB4 and Multiple MicroRNAs That Target ERBB4 Participate in Pregnancy-Related Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2021 , 14, e006898	7.6	0
376	A 3D iPSC-differentiation model identifies interleukin-3 as a regulator of early human hematopoietic specification. <i>Haematologica</i> , 2021 , 106, 1354-1367	6.6	8
375	Towards standardization of echocardiography for the evaluation of left ventricular function in adult rodents: a position paper of the ESC Working Group on Myocardial Function. <i>Cardiovascular Research</i> , 2021 , 117, 43-59	9.9	25

374	CDR132L improves systolic and diastolic function in a large animal model of chronic heart failure. <i>European Heart Journal</i> , 2021 , 42, 192-201	9.5	25
373	Novel antisense therapy targeting microRNA-132 in patients with heart failure: results of a first-in-human Phase 1b randomized, double-blind, placebo-controlled study. <i>European Heart Journal</i> , 2021 , 42, 178-188	9.5	57
372	Pharmacokinetics and Proceedings in Clinical Application of Nucleic Acid Therapeutics. <i>Molecular Therapy</i> , 2021 , 29, 521-539	11.7	9
371	Combined high-throughput library screening and next generation RNA sequencing uncover microRNAs controlling human cardiac fibroblast biology. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 150, 91-100	5.8	4
370	Diagnostic value of circulating microRNAs compared to high-sensitivity troponin T for the detection of non-ST-segment elevation myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021 , 10, 653-660	4.3	3
369	Blood-based protein profiling identifies serum protein c-KIT as a novel biomarker for hypertrophic cardiomyopathy. <i>Scientific Reports</i> , 2021 , 11, 1755	4.9	2
368	Renal AAV2-Mediated Overexpression of Long Non-Coding RNA Attenuates Ischemic Acute Kidney Injury Through Sponging of microRNA-30a-5p. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 323-341	12.7	12
367	LIPCAR Is Increased in Chronic Symptomatic HF Patients. A Sub-Study of the GISSI-HF Trial. <i>Clinical Chemistry</i> , 2021 , 67, 1721-1731	5.5	0
366	Role of endothelial microRNA 155 on capillary leakage in systemic inflammation. <i>Critical Care</i> , 2021 , 25, 76	10.8	1
365	Dissecting the transcriptome in cardiovascular disease. <i>Cardiovascular Research</i> , 2021 ,	9.9	3
364	Reply to 'COVID-19 severity, miR-21 targets, and common human genetic variation'. <i>European Journal of Heart Failure</i> , 2021 , 23, 1987-1988	12.3	1
363	Genomic instability in the naturally and prematurely aged myocardium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
362	Prognostic value of circulating microRNAs compared to high-sensitivity troponin T in patients presenting with suspected acute coronary syndrome to the emergency department. <i>Clinical Biochemistry</i> , 2021 , 99, 9-9	3.5	0
361	Novel aspects of age-protection by spermidine supplementation are associated with preserved telomere length. <i>GeroScience</i> , 2021 , 43, 673-690	8.9	8
360	Reciprocal organ interactions during heart failure: a position paper from the ESC Working Group on Myocardial Function. <i>Cardiovascular Research</i> , 2021 , 117, 2416-2433	9.9	5
359	DGK and DZHK position paper on genome editing: basic science applications and future perspective. <i>Basic Research in Cardiology</i> , 2021 , 116, 2	11.8	2
358	Pathophysiology of Takotsubo Syndrome - a joint scientific statement from the Heart Failure Association Takotsubo Syndrome Study Group and Myocardial Function Working Group of the European Society of Cardiology - Part 1: Overview and the central role for catecholamines and sympathetic nervous system.. <i>European Journal of Heart Failure</i> , 2021 ,	12.3	3
357	Assessment of major mental disorders in a German peripartum cardiomyopathy cohort. <i>ESC Heart Failure</i> , 2020 , 7, 4394	3.7	8

356	Resident cardiac macrophages: crucial modulators of cardiac (patho)physiology. <i>Basic Research in Cardiology</i> , 2020 , 115, 77	11.8	9
355	The Institute of Molecular and Translational Therapeutic Strategies, Hannover Medical School, Germany. <i>European Heart Journal</i> , 2020 , 41, 1459-1461	9.5	
354	Cardiac endurance training alters plasma profiles of circular RNA MBOAT2. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H13-H21	5.2	8
353	Dichotomy between the transcriptomic landscape of naturally versus accelerated aged murine hearts. <i>Scientific Reports</i> , 2020 , 10, 8136	4.9	
352	Cardiomyocyte ageing and cardioprotection: consensus document from the ESC working groups cell biology of the heart and myocardial function. <i>Cardiovascular Research</i> , 2020 , 116, 1835-1849	9.9	15
351	Stimulating pro-reparative immune responses to prevent adverse cardiac remodelling: consensus document from the joint 2019 meeting of the ESC Working Groups of cellular biology of the heart and myocardial function. <i>Cardiovascular Research</i> , 2020 , 116, 1850-1862	9.9	7
350	Baseline cardiovascular risk assessment in cancer patients scheduled to receive cardiotoxic cancer therapies: a position statement and new risk assessment tools from the Cardio-Oncology Study Group of the Heart Failure Association of the European Society of Cardiology in collaboration with the International Cardio-Oncology Society. <i>European Journal of Heart Failure</i> , 2020 , 22, 1945-1960	12.3	127
349	Comprehensive Bioinformatics Identifies Key microRNA Players in ATG7-Deficient Lung Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
348	Inflammatory Drivers of Cardiovascular Disease: Molecular Characterization of Senescent Coronary Vascular Smooth Muscle Cells. <i>Frontiers in Physiology</i> , 2020 , 11, 520	4.6	13
347	Integrative Bioinformatic Analyses of Global Transcriptome Data Decipher Novel Molecular Insights into Cardiac Anti-Fibrotic Therapies. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
346	Non-coding RNAs: update on mechanisms and therapeutic targets from the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2020 , 116, 1805-1819	9.9	18
345	Pleiotropic cardiac functions controlled by ischemia-induced lncRNA H19. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 146, 43-59	5.8	3
344	Sodium-glucose co-transporter 2 inhibitors in heart failure: beyond glycaemic control. A position paper of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2020 , 22, 1495-1503	12.3	56
343	Role of cardiovascular imaging in cancer patients receiving cardiotoxic therapies: a position statement on behalf of the Heart Failure Association (HFA), the European Association of Cardiovascular Imaging (EACVI) and the Cardio-Oncology Council of the European Society of Cardiology (ESC). <i>European Journal of Heart Failure</i> , 2020 , 22, 1504-1524	12.3	74
342	Preclinical and Clinical Development of Noncoding RNA Therapeutics for Cardiovascular Disease. <i>Circulation Research</i> , 2020 , 126, 663-678	15.7	65
341	Plasma circular RNA hsa_circ_0001445 and coronary artery disease: Performance as a biomarker. <i>FASEB Journal</i> , 2020 , 34, 4403-4414	0.9	56
340	Preclinical development of a miR-132 inhibitor for heart failure treatment. <i>Nature Communications</i> , 2020 , 11, 633	17.4	59
339	Natural Compound Library Screening Identifies New Molecules for the Treatment of Cardiac Fibrosis and Diastolic Dysfunction. <i>Circulation</i> , 2020 , 141, 751-767	16.7	27

338	Acute coronary syndromes and acute heart failure: a diagnostic dilemma and high-risk combination. A statement from the Acute Heart Failure Committee of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2020 , 22, 1298-1314	12.3	23
337	Omics phenotyping in heart failure: the next frontier. <i>European Heart Journal</i> , 2020 , 41, 3477-3484	9.5	21
336	SARS-CoV-2 receptor ACE2-dependent implications on the cardiovascular system: From basic science to clinical implications. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 144, 47-53	5.8	86
335	Non-coding RNAs: Regulators of valvular calcification. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 142, 14-23	5.8	6
334	miR-21 and NT-proBNP Correlate with Echocardiographic Parameters of Atrial Dysfunction and Predict Atrial Fibrillation. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	10
333	Propelling Healthcare with Advanced Therapy Medicinal Products: A Policy Discussion. <i>Biomedicine Hub</i> , 2020 , 5, 130-152	1.3	2
332	miR-21, Mediator, and Potential Therapeutic Target in the Cardiorenal Syndrome. <i>Frontiers in Pharmacology</i> , 2020 , 11, 726	5.6	11
331	miR-21-KO Alleviates Alveolar Structural Remodeling and Inflammatory Signaling in Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
330	In peripartum cardiomyopathy plasminogen activator inhibitor-1 is a potential new biomarker with controversial roles. <i>Cardiovascular Research</i> , 2020 , 116, 1875-1886	9.9	10
329	Living myocardial slices: a novel multicellular model for cardiac translational research. <i>European Heart Journal</i> , 2020 , 41, 2405-2408	9.5	9
328	European Society of Cardiology/Heart Failure Association position paper on the role and safety of new glucose-lowering drugs in patients with heart failure. <i>European Journal of Heart Failure</i> , 2020 , 22, 196-213	12.3	85
327	Senescence-induced inflammation: an important player and key therapeutic target in atherosclerosis. <i>European Heart Journal</i> , 2020 , 41, 2983-2996	9.5	52
326	Heart Failure Association of the European Society of Cardiology update on sodium-glucose co-transporter 2 inhibitors in heart failure. <i>European Journal of Heart Failure</i> , 2020 , 22, 1984-1986	12.3	44
325	Circulating miR-216a as a biomarker of metabolic alterations and obesity in women. <i>Non-coding RNA Research</i> , 2020 , 5, 144-152	6	1
324	MicroRNAs as systemic biomarkers to assess distress in animal models for gastrointestinal diseases. <i>Scientific Reports</i> , 2020 , 10, 16931	4.9	1
323	Targeting muscle-enriched long non-coding RNA H19 reverses pathological cardiac hypertrophy. <i>European Heart Journal</i> , 2020 , 41, 3462-3474	9.5	35
322	Cardiac dysfunction in cancer patients: beyond direct cardiomyocyte damage of anticancer drugs: novel cardio-oncology insights from the joint 2019 meeting of the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2020 , 116, 1820-1834	9.9	17
321	Improved cardiovascular risk prediction in patients with end-stage renal disease on hemodialysis using machine learning modeling and circulating microribonucleic acids. <i>Theranostics</i> , 2020 , 10, 8665-8676	12.1	8

320	Using "old" medications to fight new COVID-19: Re-purposing with a purpose. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 146, 41-42	5.8	1
319	The Long Non-coding RNA Cyrano Is Dispensable for Pluripotency of Murine and Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2020 , 15, 13-21	8	5
318	Non-coding RNAs: emerging players in cardiomyocyte proliferation and cardiac regeneration. <i>Basic Research in Cardiology</i> , 2020 , 115, 52	11.8	20
317	Common mechanistic pathways in cancer and heart failure. A scientific roadmap on behalf of the Translational Research Committee of the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Journal of Heart Failure</i> , 2020 , 22, 2272-2289	12.3	33
316	Aging impairs alveolar epithelial type II cell function in acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 319, L755-L769	5.8	12
315	A practical guide for investigating cardiac physiology using living myocardial slices. <i>Basic Research in Cardiology</i> , 2020 , 115, 61	11.8	10
314	MicroRNAs targeting the SARS-CoV-2 entry receptor ACE2 in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 148, 46-49	5.8	47
313	Association between Circular RNA CDR1as and Post-Infarction Cardiac Function in Pig Ischemic Heart Failure: Influence of the Anti-Fibrotic Natural Compounds Bufalin and Lycorine. <i>Biomolecules</i> , 2020 , 10,	5.9	10
312	A comprehensive method protocol for annotation and integrated functional understanding of lncRNAs. <i>Briefings in Bioinformatics</i> , 2020 , 21, 1391-1396	13.4	3
311	Non-coding RNAs: key players in cardiac disease. <i>Journal of Physiology</i> , 2020 , 598, 2995-3003	3.9	16
310	MiRNA-181a is a novel regulator of aldosterone-mineralocorticoid receptor-mediated cardiac remodelling. <i>European Journal of Heart Failure</i> , 2020 , 22, 1366-1377	12.3	15
309	Pharmacokinetic Studies of Antisense Oligonucleotides Using MALDI-TOF Mass Spectrometry. <i>Frontiers in Pharmacology</i> , 2020 , 11, 220	5.6	0
308	AntimiR-21 Prevents Myocardial Dysfunction in a Pig Model of Ischemia/Reperfusion Injury. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1788-1800	15.1	37
307	Attenuated palmitoylation of serotonin receptor 5-HT1A affects receptor function and contributes to depression-like behaviors. <i>Nature Communications</i> , 2019 , 10, 3924	17.4	38
306	Long Noncoding RNA-Enriched Vesicles Secreted by Hypoxic Cardiomyocytes Drive Cardiac Fibrosis. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 18, 363-374	10.7	44
305	Studying Interactions between 2'-O-Me-Modified Inhibitors and MicroRNAs Utilizing Microscale Thermophoresis. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 18, 259-268	10.7	2
304	Circulating Long Noncoding RNA LIPCAR Predicts Heart Failure Outcomes in Patients Without Chronic Kidney Disease. <i>Hypertension</i> , 2019 , 73, 820-828	8.5	27
303	Towards better definition, quantification and treatment of fibrosis in heart failure. A scientific roadmap by the Committee of Translational Research of the Heart Failure Association (HFA) of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2019 , 21, 272-285	12.3	99

302	Proteomic Bioprofiles and Mechanistic Pathways of Progression to Heart Failure. <i>Circulation: Heart Failure</i> , 2019 , 12, e005897	7.6	33
301	RNA-based diagnostic and therapeutic strategies for cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2019 , 16, 661-674	14.8	113
300	Effects of personalized endurance training on cellular age and vascular function in middle-aged sedentary women. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 1903-1906	3.9	5
299	Identification of miR-143 as a Major Contributor for Human Stenotic Aortic Valve Disease. <i>Journal of Cardiovascular Translational Research</i> , 2019 , 12, 447-458	3.3	5
298	Therapeutic modulation of RNA-binding protein Rbm38 facilitates re-endothelialization after arterial injury. <i>Cardiovascular Research</i> , 2019 , 115, 1804-1810	9.9	8
297	The continuous heart failure spectrum: moving beyond an ejection fraction classification. <i>European Heart Journal</i> , 2019 , 40, 2155-2163	9.5	107
296	Identification of cell and disease specific microRNAs in glomerular pathologies. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 3927-3939	5.6	8
295	Chronic kidney disease induces left ventricular overexpression of the pro-hypertrophic microRNA-212. <i>Scientific Reports</i> , 2019 , 9, 1302	4.9	18
294	Letter by Pinet et al Regarding Article, "Comparative Analysis of Circulating Noncoding RNAs Versus Protein Biomarkers in the Detection of Myocardial Injury". <i>Circulation Research</i> , 2019 , 125, e20-e21	15.7	2
293	Selective Heart Irradiation Induces Cardiac Overexpression of the Pro-hypertrophic miR-212. <i>Frontiers in Oncology</i> , 2019 , 9, 598	5.3	11
292	FO083CHRONIC FGF23 OVERLOAD FAILS TO INDUCE CARDIAC DYSFUNCTIONS. <i>Nephrology Dialysis Transplantation</i> , 2019 , 34,	4.3	1
291	Circular RNAs: A Novel Class of Functional RNA Molecules with a Therapeutic Perspective. <i>Molecular Therapy</i> , 2019 , 27, 1350-1363	11.7	100
290	A novel multi-parametric analysis of non-invasive methods to assess animal distress during chronic pancreatitis. <i>Scientific Reports</i> , 2019 , 9, 14084	4.9	9
289	TIP30 counteracts cardiac hypertrophy and failure by inhibiting translational elongation. <i>EMBO Molecular Medicine</i> , 2019 , 11, e10018	12	8
288	Perspective review of optical imaging in welfare assessment in animal-based research. <i>Journal of Biomedical Optics</i> , 2019 , 24, 1-11	3.5	4
287	Remote vitals monitoring in rodents using video recordings. <i>Biomedical Optics Express</i> , 2019 , 10, 4422-4436	5.5	3
286	The Janus Face of miR-148a in Cardiac Remodeling and Heart Failure. <i>Molecular Therapy</i> , 2019 , 27, 489-497	4.7	7
285	Elevated levels of miR-181c and miR-633 in the CSF of patients with MS: A validation study. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019 , 6, e623	9.1	6

284	Serum circular RNAs act as blood-based biomarkers for hypertrophic obstructive cardiomyopathy. <i>Scientific Reports</i> , 2019 , 9, 20350	4.9	31
283	Circulating microRNAs in Fabry Disease. <i>Scientific Reports</i> , 2019 , 9, 15277	4.9	11
282	miR-212/132 Cluster Modulation Prevents Doxorubicin-Mediated Atrophy and Cardiotoxicity. <i>Molecular Therapy</i> , 2019 , 27, 17-28	11.7	23
281	Noncoding RNAs: potential regulators in cardioncology. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 316, H160-H168	5.2	9
280	Long Non-coding RNAs: At the Heart of Cardiac Dysfunction?. <i>Frontiers in Physiology</i> , 2019 , 10, 30	4.6	68
279	Hypoxia-Induced MicroRNA-212/132 Alter Blood-Brain Barrier Integrity Through Inhibition of Tight Junction-Associated Proteins in Human and Mouse Brain Microvascular Endothelial Cells. <i>Translational Stroke Research</i> , 2019 , 10, 672-683	7.8	56
278	Long non-coding RNAs: A crucial part of the vasculature puzzle. <i>Vascular Pharmacology</i> , 2019 , 114, 131-138	3.8	5
277	Circulating non-coding RNAs in biomarker-guided cardiovascular therapy: a novel tool for personalized medicine?. <i>European Heart Journal</i> , 2019 , 40, 1643-1650	9.5	43
276	Hypoxia-induced long non-coding RNA Malat1 is dispensable for renal ischemia/reperfusion-injury. <i>Scientific Reports</i> , 2018 , 8, 3438	4.9	51
275	Overexpression of preeclampsia induced microRNA-26a-5p leads to proteinuria in zebrafish. <i>Scientific Reports</i> , 2018 , 8, 3621	4.9	12
274	The innate immune system in chronic cardiomyopathy: a European Society of Cardiology (ESC) scientific statement from the Working Group on Myocardial Function of the ESC. <i>European Journal of Heart Failure</i> , 2018 , 20, 445-459	12.3	67
273	A large shRNA library approach identifies lncRNA Ntep as an essential regulator of cell proliferation. <i>Cell Death and Differentiation</i> , 2018 , 25, 307-318	12.7	21
272	Refractory angina revisited: stem cells for a growing unmet clinical need?. <i>European Heart Journal</i> , 2018 , 39, 2217-2219	9.5	1
271	Epigenetic modulation of vascular diseases: Assessing the evidence and exploring the opportunities. <i>Vascular Pharmacology</i> , 2018 ,	5.9	8
270	Zirkuläre RNAs: neue Spieler im Kreise der Genregulation. <i>BioSpektrum</i> , 2018 , 24, 12-15	0.1	
269	Non-coding RNAs in cardiovascular diseases: diagnostic and therapeutic perspectives. <i>European Heart Journal</i> , 2018 , 39, 2704-2716	9.5	168
268	Circulating microRNA-132 levels improve risk prediction for heart failure hospitalization in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2018 , 20, 78-85	12.3	43
267	Rationale of the FIBROTARGETS study designed to identify novel biomarkers of myocardial fibrosis. <i>ESC Heart Failure</i> , 2018 , 5, 139-148	3.7	14

266	Circulating non-coding RNAs as biomarkers to predict and monitor the response to exercise: chances and hurdles. <i>European Heart Journal</i> , 2018 , 39, 3552	9.5	5
265	Leptin Expression and Gene Methylation Patterns in Alcohol-Dependent Patients with Ethyltoxic Cirrhosis-Normalization After Liver Transplantation and Implications for Future Research. <i>Alcohol and Alcoholism</i> , 2018 , 53, 511-517	3.5	6
264	Leukocyte telomere length correlates with hypertrophic cardiomyopathy severity. <i>Scientific Reports</i> , 2018 , 8, 11227	4.9	5
263	Metabolic changes in hypertrophic cardiomyopathies: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018 , 114, 1273-1280	8.0	31
262	MicroRNAs: Novel Therapeutic Targets for Diabetic Wound Healing. <i>Contemporary Diabetes</i> , 2018 , 237-246		2
261	Inflammatory cells and their non-coding RNAs as targets for treating myocardial infarction. <i>Basic Research in Cardiology</i> , 2018 , 114, 4	11.8	45
260	An integrative translational approach to study heart failure with preserved ejection fraction: a position paper from the Working Group on Myocardial Function of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2018 , 20, 216-227	12.3	59
259	Quaking Inhibits Doxorubicin-Mediated Cardiotoxicity Through Regulation of Cardiac Circular RNA Expression. <i>Circulation Research</i> , 2018 , 122, 246-254	15.7	129
258	Endogenous Tumor Suppressor microRNA-193b: Therapeutic and Prognostic Value in Acute Myeloid Leukemia. <i>Journal of Clinical Oncology</i> , 2018 , 36, 1007-1016	2.2	43
257	Remote Welfare Monitoring of Rodents Using Thermal Imaging. <i>Sensors</i> , 2018 , 18,	3.8	18
256	Circulating miR-1254 predicts ventricular remodeling in patients with ST-Segment-Elevation Myocardial Infarction: A cardiovascular magnetic resonance study. <i>Scientific Reports</i> , 2018 , 8, 15115	4.9	18
255	Blood-based microRNA profiling in patients with cardiac amyloidosis. <i>PLoS ONE</i> , 2018 , 13, e0204235	3.7	15
254	Non-coding RNAs in vascular disease - from basic science to clinical applications: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018 , 114, 1281-1286	9.9	23
253	Complex roads from genotype to phenotype in dilated cardiomyopathy: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018 , 114, 1287-1303	9.9	57
252	Circulating Noncoding RNAs as Biomarkers of Cardiovascular Disease and Injury. <i>Circulation Research</i> , 2017 , 120, 381-399	15.7	240
251	Increased Proangiogenic Activity of Mobilized CD34+ Progenitor Cells of Patients With Acute ST-Segment-Elevation Myocardial Infarction: Role of Differential MicroRNA-378 Expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 341-349	9.4	28
250	Long Noncoding RNAs in Pathological Cardiac Remodeling. <i>Circulation Research</i> , 2017 , 120, 262-264	15.7	33
249	Therapeutic miR-21 Silencing Ameliorates Diabetic Kidney Disease in Mice. <i>Molecular Therapy</i> , 2017 , 25, 165-180	11.7	114

248	Inhibition of miRNA-212/132 improves the reprogramming of fibroblasts into induced pluripotent stem cells by de-repressing important epigenetic remodelling factors. <i>Stem Cell Research</i> , 2017 , 20, 70-75	1.6	17
247	Myocardial fibrosis: biomedical research from bench to bedside. <i>European Journal of Heart Failure</i> , 2017 , 19, 177-191	12.3	195
246	Antagonism of profibrotic microRNA-21 improves outcome of murine chronic renal allograft dysfunction. <i>Kidney International</i> , 2017 , 92, 646-656	9.9	21
245	Epigenomic and transcriptomic approaches in the post-genomic era: path to novel targets for diagnosis and therapy of the ischaemic heart? Position Paper of the European Society of Cardiology Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2017 , 113, 725-736	9.9	85
244	Podocytes regulate the glomerular basement membrane protein nephrin by means of miR-378a-3p in glomerular diseases. <i>Kidney International</i> , 2017 , 92, 836-849	9.9	31
243	Changing Direction: From Therapeutic Telomerase Inhibition to Activation?. <i>Circulation Research</i> , 2017 , 120, 1393-1395	15.7	4
242	Inhibition of the Cardiac Fibroblast-Enriched lncRNA Prevents Cardiac Fibrosis and Diastolic Dysfunction. <i>Circulation Research</i> , 2017 , 121, 575-583	15.7	190
241	Circular RNAs in heart failure. <i>European Journal of Heart Failure</i> , 2017 , 19, 701-709	12.3	109
240	Sonic hedgehog-dependent activation of adventitial fibroblasts promotes neointima formation. <i>Cardiovascular Research</i> , 2017 , 113, 1653-1663	9.9	34
239	microRNA-206 correlates with left ventricular function after transcatheter aortic valve implantation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H1261-H1266	5.2	3
238	Porcine model of progressive cardiac hypertrophy and fibrosis with secondary postcapillary pulmonary hypertension. <i>Journal of Translational Medicine</i> , 2017 , 15, 202	8.5	18
237	MicroRNAs in right ventricular remodelling. <i>Cardiovascular Research</i> , 2017 , 113, 1433-1440	9.9	18
236	199 Takotsubo syndrome associated mir-16 and mir-26a reduce contractility of cardiomyocytes in vitro by an inhibitory G-protein dependent mechanism. <i>Heart</i> , 2017 , 103, A135.1-A135	5.1	
235	miRNome Profiling of Purified Endoderm and Mesoderm Differentiated from hESCs Reveals Functions of miR-483-3p and miR-1263 for Cell-Fate Decisions. <i>Stem Cell Reports</i> , 2017 , 9, 1588-1603	8	16
234	Cardiac myocyte miR-29 promotes pathological remodeling of the heart by activating Wnt signaling. <i>Nature Communications</i> , 2017 , 8, 1614	17.4	106
233	MicroRNAs regulating superoxide dismutase 2 are new circulating biomarkers of heart failure. <i>Scientific Reports</i> , 2017 , 7, 14747	4.9	23
232	MicroRNA 628-5p as a Novel Biomarker for Cardiac Allograft Vasculopathy. <i>Transplantation</i> , 2017 , 101, e26-e33	1.8	27
231	Linc-ing the Noncoding Genome to Heart Function: Beating Hypertrophy. <i>Trends in Molecular Medicine</i> , 2017 , 23, 577-579	11.5	10

230	Identification of miR-126 as a new regulator of skin ageing. <i>Experimental Dermatology</i> , 2017 , 26, 284-286		12
229	The XIIIth Banff Conference on Allograft Pathology: The Banff 2015 Heart Meeting Report: Improving Antibody-Mediated Rejection Diagnostics: Strengths, Unmet Needs, and Future Directions. <i>American Journal of Transplantation</i> , 2017 , 17, 42-53	8.7	35
228	miR-625-3p is upregulated in CD8+ T cells during early immune reconstitution after allogeneic stem cell transplantation. <i>PLoS ONE</i> , 2017 , 12, e0183828	3.7	7
227	Noncoding RNAs in Heart Failure. <i>Handbook of Experimental Pharmacology</i> , 2017 , 243, 423-445	3.2	33
226	Non-coding RNAs in Development and Disease: Background, Mechanisms, and Therapeutic Approaches. <i>Physiological Reviews</i> , 2016 , 96, 1297-325	47.9	957
225	Circulating long-non coding RNAs as biomarkers of left ventricular diastolic function and remodelling in patients with well-controlled type 2 diabetes. <i>Scientific Reports</i> , 2016 , 6, 37354	4.9	96
224	Stiff matrix induces switch to pure β -cardiac myosin heavy chain expression in human ESC-derived cardiomyocytes. <i>Basic Research in Cardiology</i> , 2016 , 111, 68	11.8	39
223	Long Noncoding RNAs in Cardiovascular Pathology, Diagnosis, and Therapy. <i>Circulation</i> , 2016 , 134, 1484-1499	14.9	154
222	MicroRNA-Based Therapy of GATA2-Deficient Vascular Disease. <i>Circulation</i> , 2016 , 134, 1973-1990	16.7	32
221	Regulator of G-Protein Signaling 5 Prevents Smooth Muscle Cell Proliferation and Attenuates Neointima Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 317-27	9.4	18
220	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
219	Non-coding RNAs as orchestrators of autophagic processes. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 95, 26-30	5.8	21
218	Deregulation of microRNA-181c in cerebrospinal fluid of patients with clinically isolated syndrome is associated with early conversion to relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1202-14	5	23
217	Long noncoding RNA Chast promotes cardiac remodeling. <i>Science Translational Medicine</i> , 2016 , 8, 326ra27.5	27.5	250
216	miR-21 promotes fibrosis in an acute cardiac allograft transplantation model. <i>Cardiovascular Research</i> , 2016 , 110, 215-26	9.9	49
215	Non-coding RNAs as modulators of the cardiac fibroblast phenotype. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 92, 75-81	5.8	34
214	Circulating miR-21 and miR-29a as Markers of Disease Severity and Etiology in Cholestatic Pediatric Liver Disease. <i>Journal of Clinical Medicine</i> , 2016 , 5,	5.1	9
213	Circulating Long Noncoding RNAs in Personalized Medicine: Response to Pioglitazone Therapy in Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2914-2916	15.1	19

212	Chronic miR-29 antagonism promotes favorable plaque remodeling in atherosclerotic mice. <i>EMBO Molecular Medicine</i> , 2016 , 8, 643-53	12	46
211	Mitochondrial long noncoding RNAs as blood based biomarkers for cardiac remodeling in patients with hypertrophic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H707-12	5.2	26
210	Long noncoding RNAs in kidney and cardiovascular diseases. <i>Nature Reviews Nephrology</i> , 2016 , 12, 360-74.9	14.9	220
209	Preclinical Development of a MicroRNA-Based Therapy for Elderly Patients With Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1557-71	15.1	75
208	RNA Profiling in Human and Murine Transplanted Hearts: Identification and Validation of Therapeutic Targets for Acute Cardiac and Renal Allograft Rejection. <i>American Journal of Transplantation</i> , 2016 , 16, 99-110	8.7	39
207	Noncoding RNAs as regulators of cardiomyocyte proliferation and death. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 89, 59-67	5.8	51
206	MicroRNA-Mediated Regulation of Cardiovascular Differentiation and Therapeutic Implications 2015 , 1075-1091		
205	Long noncoding RNAs and microRNAs in cardiovascular pathophysiology. <i>Circulation Research</i> , 2015 , 116, 751-62	15.7	281
204	MicroRNA signatures differentiate preserved from reduced ejection fraction heart failure. <i>European Journal of Heart Failure</i> , 2015 , 17, 405-15	12.3	134
203	Blood-based microRNA signatures differentiate various forms of cardiac hypertrophy. <i>International Journal of Cardiology</i> , 2015 , 196, 115-22	3.2	70
202	Zinc- α -Glycoprotein Exerts Antifibrotic Effects in Kidney and Heart. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 2659-68	12.7	20
201	Impairment of Wound Healing in Patients With Type 2 Diabetes Mellitus Influences Circulating MicroRNA Patterns via Inflammatory Cytokines. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1480-8	9.4	91
200	Long noncoding RNAs in cardiac development and ageing. <i>Nature Reviews Cardiology</i> , 2015 , 12, 415-25	14.8	240
199	Long Noncoding RNAs in Urine Are Detectable and May Enable Early Detection of Acute T Cell-Mediated Rejection of Renal Allografts. <i>Clinical Chemistry</i> , 2015 , 61, 1505-14	5.5	56
198	Adrenergic Repression of the Epigenetic Reader MeCP2 Facilitates Cardiac Adaptation in Chronic Heart Failure. <i>Circulation Research</i> , 2015 , 117, 622-33	15.7	44
197	Bioinformatics of cardiovascular miRNA biology. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 89, 3-10	5.8	15
196	Circulating long noncoding RNATapSaki is a predictor of mortality in critically ill patients with acute kidney injury. <i>Clinical Chemistry</i> , 2015 , 61, 191-201	5.5	96
195	Development of Long Noncoding RNA-Based Strategies to Modulate Tissue Vascularization. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2005-2015	15.1	82

194	Facts and updates about cardiovascular non-coding RNAs in heart failure. <i>ESC Heart Failure</i> , 2015 , 2, 108-111	11.1	10
193	Searching for new mechanisms of myocardial fibrosis with diagnostic and/or therapeutic potential. <i>European Journal of Heart Failure</i> , 2015 , 17, 764-71	12.3	73
192	Intercellular communication lessons in heart failure. <i>European Journal of Heart Failure</i> , 2015 , 17, 1091-103	12.3	40
191	Reply: To PMID 24913549. <i>Hepatology</i> , 2015 , 61, 1440-1	11.2	
190	Circulating microRNAs and Outcome in Patients with Acute Heart Failure. <i>PLoS ONE</i> , 2015 , 10, e0142237	13.7	50
189	Enabling [(18)F]-bicyclo[6.1.0]nonyne for oligonucleotide conjugation for positron emission tomography applications: [(18)F]-anti-microRNA-21 as an example. <i>Chemical Communications</i> , 2015 , 51, 9821-4	5.8	13
188	Osteopontin is indispensable for AP1-mediated angiotensin II-related miR-21 transcription during cardiac fibrosis. <i>European Heart Journal</i> , 2015 , 36, 2184-96	9.5	95
187	State-of-the-art on non-coding RNA bioinformatics, diagnostics and therapeutics in cardiovascular diseases: Preface to SI Non-coding RNAs in cardiovascular disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 89, 1-2	5.8	4
186	Deciphering the microRNA signature of pathological cardiac hypertrophy by engineered heart tissue- and sequencing-technology. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 81, 1-9	5.8	38
185	Antiandrogenic therapy with finasteride attenuates cardiac hypertrophy and left ventricular dysfunction. <i>Circulation</i> , 2015 , 131, 1071-81	16.7	48
184	MicroRNAs in Serum and Bile of Patients with Primary Sclerosing Cholangitis and/or Cholangiocarcinoma. <i>PLoS ONE</i> , 2015 , 10, e0139305	3.7	59
183	Functional Genomics of Cardioprotection by Ischemic Conditioning and the Influence of Comorbid Conditions: Implications in Target Identification. <i>Current Drug Targets</i> , 2015 , 16, 904-11	3	35
182	MicroRNA-based therapy in cardiology. <i>Herz</i> , 2014 , 39, 194-200	2.6	10
181	Circulating long noncoding RNA, LIPCAR, predicts survival in patients with heart failure. <i>Circulation Research</i> , 2014 , 114, 1569-75	15.7	44 ⁸
180	microRNA therapeutics in cardiovascular disease models. <i>Annual Review of Pharmacology and Toxicology</i> , 2014 , 54, 185-203	17.9	82
179	Circulating microRNAs for predicting and monitoring response to mechanical circulatory support from a left ventricular assist device. <i>European Journal of Heart Failure</i> , 2014 , 16, 871-9	12.3	44
178	Regulatory RNAs and paracrine networks in the heart. <i>Cardiovascular Research</i> , 2014 , 102, 290-301	9.9	46
177	Functional microRNA library screening identifies the hypoxamir miR-24 as a potent regulator of smooth muscle cell proliferation and vascularization. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 1167-76	8.4	34

176	MicroRNAs associated with ischemia-reperfusion injury and cardioprotection by ischemic pre- and postconditioning: protectomiRs. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H216-27	5.2	85
175	Endothelial function in contemporary patients with repaired coarctation of aorta. <i>Heart</i> , 2014 , 100, 1696-701	5.7	12
174	Noncoding RNAs and myocardial fibrosis. <i>Nature Reviews Cardiology</i> , 2014 , 11, 655-63	14.8	141
173	Vascular importance of the miR-212/132 cluster. <i>European Heart Journal</i> , 2014 , 35, 3224-31	9.5	64
172	Circulating microRNAs as potential biomarkers of aerobic exercise capacity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 306, H557-63	5.2	149
171	Non-coding RNAs in cardiovascular ageing. <i>Ageing Research Reviews</i> , 2014 , 17, 79-85	12	30
170	Diabetes-associated microRNAs in pediatric patients with type 1 diabetes mellitus: a cross-sectional cohort study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1661-5	5.6	104
169	Analytical approaches in microRNA therapeutics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 964, 146-52	3.2	11
168	MicroRNA-24 antagonism prevents renal ischemia reperfusion injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 2717-29	12.7	108
167	Trapping of NAPQI, the intermediate toxic paracetamol metabolite, by aqueous sulfide (S ²⁻) and analysis by GC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 963, 99-105	3.2	3
166	Cardiac myocyte-secreted cAMP exerts paracrine action via adenosine receptor activation. <i>Journal of Clinical Investigation</i> , 2014 , 124, 5385-97	15.9	52
165	178 Circulating Micrnas for Predicting and Monitoring Response to Mechanical Circulatory Support from a left Ventricular Assist Device. <i>Heart</i> , 2014 , 100, A100.2-A101	5.1	
164	MicroRNAs in right ventricular (dys)function (2013 Grover Conference series). <i>Pulmonary Circulation</i> , 2014 , 4, 185-90	2.7	19
163	Cardiac fibroblast-derived microRNA passenger strand-enriched exosomes mediate cardiomyocyte hypertrophy. <i>Journal of Clinical Investigation</i> , 2014 , 124, 2136-46	15.9	617
162	Impact of a Met(11)Thr single nucleotide polymorphism of surfactant protein D on allergic airway inflammation in a murine asthma model. <i>Experimental Lung Research</i> , 2014 , 40, 154-63	2.3	10
161	Summary of basic science activities at the European Society of Cardiology Congress in Barcelona 2014. <i>ESC Heart Failure</i> , 2014 , 1, 166-169	3.7	
160	A signature of circulating microRNAs differentiates takotsubo cardiomyopathy from acute myocardial infarction. <i>European Heart Journal</i> , 2014 , 35, 999-1006	9.5	164
159	Prevention of liver cancer cachexia-induced cardiac wasting and heart failure. <i>European Heart Journal</i> , 2014 , 35, 932-41	9.5	117

158	MicroRNAs in the bile of patients with biliary strictures after liver transplantation. <i>Liver Transplantation</i> , 2014 , 20, 673-8	4.5	24
157	ESC Working Group on Myocardial Function Position Paper: how to study the right ventricle in experimental models. <i>European Journal of Heart Failure</i> , 2014 , 16, 509-18	12.3	10
156	Inhibition of proteasome-mediated glucocorticoid receptor degradation restores nitric oxide bioavailability in myocardial endothelial cells in vitro. <i>Biology of the Cell</i> , 2014 , 106, 219-35	3.5	7
155	MicroRNAs play a role in spontaneous recovery from acute liver failure. <i>Hepatology</i> , 2014 , 60, 1346-55	11.2	62
154	Targeting myocardial remodelling to develop novel therapies for heart failure: a position paper from the Working Group on Myocardial Function of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2014 , 16, 494-508	12.3	71
153	LC-MS/MS and GC-MS/MS measurement of plasma and urine di-paracetamol and 3-nitro-paracetamol: proof-of-concept studies on a novel human model of oxidative stress based on oral paracetamol administration. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical Sciences</i> , 2014 , 918, 71-81	3.2	6
152	MicroRNA target sites as genetic tools to enhance promoter-reporter specificity for the purification of pancreatic progenitor cells from differentiated embryonic stem cells. <i>Stem Cell Reviews and Reports</i> , 2013 , 9, 555-68	6.4	7
151	MicroRNA-22 increases senescence and activates cardiac fibroblasts in the aging heart. <i>Age</i> , 2013 , 35, 747-62		116
150	Pathologic endothelial response and impaired function of circulating angiogenic cells in patients with Fabry disease. <i>Basic Research in Cardiology</i> , 2013 , 108, 311	11.8	7
149	Regulation of cardiac and renal ischemia-reperfusion injury by microRNAs. <i>Free Radical Biology and Medicine</i> , 2013 , 64, 78-84	7.8	47
148	Circulating miR-423_5p fails as a biomarker for systemic ventricular function in adults after atrial repair for transposition of the great arteries. <i>International Journal of Cardiology</i> , 2013 , 167, 63-6	3.2	42
147	Non-coding RNAs in cardiac remodeling and heart failure. <i>Circulation Research</i> , 2013 , 113, 676-89	15.7	190
146	Macrophage microRNA-155 promotes cardiac hypertrophy and failure. <i>Circulation</i> , 2013 , 128, 1420-32	16.7	190
145	MicroRNAs in myocardial infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 201-5	9.4	97
144	MicroRNAs in platelet physiology and pathology. <i>Hamostaseologie</i> , 2013 , 33, 17-20	1.9	18
143	MiR-378 controls cardiac hypertrophy by combined repression of mitogen-activated protein kinase pathway factors. <i>Circulation</i> , 2013 , 127, 2097-106	16.7	174
142	MicroRNA and disease models: focus on cardiac fibrosis. <i>Drug Discovery Today: Disease Models</i> , 2013 , 10, e115-e119	1.3	
141	Nfat and miR-25 cooperate to reactivate the transcription factor Hand2 in heart failure. <i>Nature Cell Biology</i> , 2013 , 15, 1282-93	23.4	110

140	Circulating miR-133a and miR-423-5p fail as biomarkers for left ventricular remodeling after myocardial infarction. <i>International Journal of Cardiology</i> , 2013 , 168, 1837-40	3.2	80
139	TWIST1 regulates the activity of ubiquitin proteasome system via the miR-199/214 cluster in human end-stage dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2013 , 168, 1447-52	3.2	38
138	miR-34 induces cardiac damage. <i>Cell Research</i> , 2013 , 23, 866-7	24.7	10
137	MicroRNA-mediated epigenetic silencing of sirtuin1 contributes to impaired angiogenic responses. <i>Circulation Research</i> , 2013 , 113, 997-1003	15.7	47
136	Activation of the miR-17 family and miR-21 during murine kidney ischemia-reperfusion injury. <i>Nucleic Acid Therapeutics</i> , 2013 , 23, 344-54	4.8	44
135	Detection and transport mechanisms of circulating microRNAs in neurological, cardiac and kidney diseases. <i>Current Medicinal Chemistry</i> , 2013 , 20, 3623-8	4.3	3
134	Microvesicles as novel biomarkers and therapeutic targets in transplantation medicine. <i>American Journal of Transplantation</i> , 2012 , 12, 289-97	8.7	49
133	Cardiovascular importance of the microRNA-23/27/24 family. <i>Microcirculation</i> , 2012 , 19, 208-14	2.9	69
132	MicroRNA therapeutics in cardiovascular medicine. <i>EMBO Molecular Medicine</i> , 2012 , 4, 3-14	12	134
131	MicroRNAs in hypertension: mechanisms and therapeutic targets. <i>Current Hypertension Reports</i> , 2012 , 14, 79-87	4.7	105
130	Microparticles and microRNAs of endothelial progenitor cells ameliorate acute kidney injury. <i>Kidney International</i> , 2012 , 82, 375-7	9.9	31
129	Circulating and urinary microRNAs in kidney disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2012 , 7, 1528-33	6.9	78
128	MicroRNA-based therapeutic approaches in the cardiovascular system. <i>Cardiovascular Therapeutics</i> , 2012 , 30, e9-e15	3.3	11
127	SERCA2a gene therapy restores microRNA-1 expression in heart failure via an Akt/FoxO3A-dependent pathway. <i>European Heart Journal</i> , 2012 , 33, 1067-75	9.5	107
126	Transforming growth factor- β -induced endothelial-to-mesenchymal transition is partly mediated by microRNA-21. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 361-9	9.4	221
125	A phenotypic screen to identify hypertrophy-modulating microRNAs in primary cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 52, 13-20	5.8	94
124	Urinary asymmetric dimethylarginine (ADMA) is a predictor of mortality risk in patients with coronary artery disease. <i>International Journal of Cardiology</i> , 2012 , 156, 289-94	3.2	30
123	Exosomes: new players in cell-cell communication. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 2060-4	5.6	315

122	Novel non-coding RNA-based therapeutic approaches to prevent statin-induced liver damage. <i>EMBO Molecular Medicine</i> , 2012 , 4, 863-5	12	4
121	MicroRNAs in platelet biogenesis and function. <i>Thrombosis and Haemostasis</i> , 2012 , 108, 599-604	7	41
120	The miRNA-212/132 family regulates both cardiac hypertrophy and cardiomyocyte autophagy. <i>Nature Communications</i> , 2012 , 3, 1078	17.4	406
119	Circulating microRNAs are not eliminated by hemodialysis. <i>PLoS ONE</i> , 2012 , 7, e38269	3.7	37
118	Aromatase inhibition attenuates desflurane-induced preconditioning against acute myocardial infarction in male mouse heart in vivo. <i>PLoS ONE</i> , 2012 , 7, e42032	3.7	28
117	Circulating microRNAs in patients with Shiga-Toxin-producing E. coli O104:H4 induced hemolytic uremic syndrome. <i>PLoS ONE</i> , 2012 , 7, e47215	3.7	6
116	MicroRNAs in diabetes and diabetes-associated complications. <i>RNA Biology</i> , 2012 , 9, 820-7	4.8	50
115	miRNAs involved in the generation, maintenance, and differentiation of pluripotent cells. <i>Journal of Molecular Medicine</i> , 2012 , 90, 747-52	5.5	19
114	Conversion from conventional in-centre thrice-weekly haemodialysis to short daily home haemodialysis ameliorates uremia-associated clinical parameters. <i>International Urology and Nephrology</i> , 2012 , 44, 883-90	2.3	8
113	MicroRNAs bei Nierenerkrankungen: kleine Moleküle mit großer Wirkung. <i>Der Nephrologe</i> , 2012 , 7, 243-244	4.1	
112	Epigenetic modifications in cardiovascular disease. <i>Basic Research in Cardiology</i> , 2012 , 107, 245	11.8	93
111	Role of miR-21 in the pathogenesis of atrial fibrosis. <i>Basic Research in Cardiology</i> , 2012 , 107, 278	11.8	185
110	Regulated microRNAs in the CSF of patients with multiple sclerosis: a case-control study. <i>Neurology</i> , 2012 , 79, 2166-70	6.5	120
109	MicroRNAs in Immunität und Organtransplantation. <i>Transfusionsmedizin Immunhämatologie Hämotherapie Transplantationsimmunologie Zelltherapie</i> , 2012 , 2, 183-187	0.1	
108	Novel techniques and targets in cardiovascular microRNA research. <i>Cardiovascular Research</i> , 2012 , 93, 545-54	9.9	52
107	SLC26A9-mediated chloride secretion prevents mucus obstruction in airway inflammation. <i>Journal of Clinical Investigation</i> , 2012 , 122, 3629-34	15.9	62
106	Absence of microRNA-155 protects against pressure overload-induced cardiac inflammation and failure. <i>FASEB Journal</i> , 2012 , 26, 137.5	0.9	
105	Limitations of gait speed as an independent predictor of mortality and morbidity in cardiac patients. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 776; author reply 777	15.1	4

104	Regulation and function of miRNA-21 in health and disease. <i>RNA Biology</i> , 2011 , 8, 706-13	4.8	412
103	Organic nitrates differentially modulate circulating endothelial progenitor cells and endothelial function in patients with symptomatic coronary artery disease. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 925-31	8.4	10
102	Glucocorticoid insensitivity at the hypoxic blood-brain barrier can be reversed by inhibition of the proteasome. <i>Stroke</i> , 2011 , 42, 1081-9	6.7	62
101	MicroRNAs as mediators and therapeutic targets in chronic kidney disease. <i>Nature Reviews Nephrology</i> , 2011 , 7, 286-94	14.9	175
100	Diagnostic and prognostic impact of six circulating microRNAs in acute coronary syndrome. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 51, 872-5	5.8	291
99	Identification of cardiovascular microRNA targetomes. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 51, 674-81	5.8	12
98	miRNA screening reveals a new miRNA family stimulating iPS cell generation via regulation of Meox2. <i>EMBO Reports</i> , 2011 , 12, 1153-9	6.5	78
97	Urinary miR-210 as a mediator of acute T-cell mediated rejection in renal allograft recipients. <i>American Journal of Transplantation</i> , 2011 , 11, 2221-7	8.7	155
96	MicroRNAs and vascular (dys)function. <i>Vascular Pharmacology</i> , 2011 , 55, 92-105	5.9	48
95	Breakthrough in cachexia treatment through a novel selective androgen receptor modulator?!. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2011 , 2, 121-123	10.3	11
94	Critical role of the nitric oxide/reactive oxygen species balance in endothelial progenitor dysfunction. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 933-48	8.4	68
93	Biogenesis and regulation of cardiovascular microRNAs. <i>Circulation Research</i> , 2011 , 109, 334-47	15.7	128
92	MicroRNA-24 regulates vascularity after myocardial infarction. <i>Circulation</i> , 2011 , 124, 720-30	16.7	305
91	Circulating miR-210 predicts survival in critically ill patients with acute kidney injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011 , 6, 1540-6	6.9	162
90	Role of microRNAs in immunity and organ transplantation. <i>Expert Reviews in Molecular Medicine</i> , 2011 , 13, e37	6.7	23
89	Impairment of endothelial progenitor cell function and vascularization capacity by aldosterone in mice and humans. <i>European Heart Journal</i> , 2011 , 32, 1275-86	9.5	44
88	TLR-4+ peripheral blood monocytes and cardiovascular events in patients with chronic kidney disease--a prospective follow-up study. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 1421-4	4.3	13
87	Signal transducer and activator of transcription 3-mediated regulation of miR-199a-5p links cardiomyocyte and endothelial cell function in the heart: a key role for ubiquitin-conjugating enzymes. <i>European Heart Journal</i> , 2011 , 32, 1287-97	9.5	99

86	Comparison of different miR-21 inhibitor chemistries in a cardiac disease model. <i>Journal of Clinical Investigation</i> , 2011 , 121, 461-2; author reply 462-3	15.9	87
85	Measurement and diagnostic use of hepatic cytochrome P450 metabolism of oleic acid in liver disease. <i>Liver International</i> , 2010 , 30, 1181-8	7.9	7
84	miR-212 and miR-132 are required for epithelial stromal interactions necessary for mouse mammary gland development. <i>Nature Genetics</i> , 2010 , 42, 1101-8	36.3	132
83	Resveratrol reverses endothelial nitric-oxide synthase uncoupling in apolipoprotein E knockout mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 335, 149-54	4.7	133
82	MicroRNAs as circulating biomarkers for heart failure: questions about MiR-423-5p. <i>Circulation Research</i> , 2010 , 106, e8; author reply e9	15.7	28
81	The BALANCE study too early to speculate on mortality effects. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 263-4; author reply 264	15.1	
80	Short communication: asymmetric dimethylarginine impairs angiogenic progenitor cell function in patients with coronary artery disease through a microRNA-21-dependent mechanism. <i>Circulation Research</i> , 2010 , 107, 138-43	15.7	151
79	Liraglutide for weight loss in obese people. <i>Lancet, The</i> , 2010 , 375, 551-2; author reply 552-3	4.0	8
78	Circulating microRNAs as biomarkers and potential paracrine mediators of cardiovascular disease. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 484-8		221
77	MicroRNA-21: from cancer to cardiovascular disease. <i>Current Drug Targets</i> , 2010 , 11, 926-35	3	194
76	Endothelial progenitor cells in pulmonary arterial hypertension. <i>Trends in Cardiovascular Medicine</i> , 2010 , 20, 22-9	6.9	32
75	Response to Letter Regarding Article, "Circulating Endothelial Progenitor Cells in Patients With Eisenmenger Syndrome and Idiopathic Pulmonary Arterial Hypertension" <i>Circulation</i> , 2009 , 119,	16.7	1
74	Innovative molekulare Therapiestrategien in der Kardiologie. <i>Kardiologe</i> , 2009 , 3, 406-412	0.6	
73	No effects of human ghrelin on cardiac function despite profound effects on body composition in a rat model of heart failure. <i>International Journal of Cardiology</i> , 2009 , 137, 267-75	3.2	36
72	MicroRNA-21 contributes to myocardial disease by stimulating MAP kinase signalling in fibroblasts. <i>Nature</i> , 2008 , 456, 980-4	50.4	1850
71	Effect of intravenous iron sucrose on exercise tolerance in anemic and nonanemic patients with symptomatic chronic heart failure and iron deficiency FERRIC-HF: a randomized, controlled, observer-blinded trial. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 103-12	15.1	363
70	Effects of physical exercise on myocardial telomere-regulating proteins, survival pathways, and apoptosis. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 470-82	15.1	169
69	MicroRNAs in cardiac hypertrophy and failure. <i>Drug Discovery Today Disease Mechanisms</i> , 2008 , 5, e279-e283		3

68	Mechanisms underlying recoupling of eNOS by HMG-CoA reductase inhibition in a rat model of streptozotocin-induced diabetes mellitus. <i>Atherosclerosis</i> , 2008 , 198, 65-76	3.1	106
67	Increase of pro-inflammatory cytokine expression in non-demyelinating early cerebral lesions in nervous canine distemper. <i>Viral Immunology</i> , 2008 , 21, 401-10	1.7	20
66	Circulating endothelial progenitor cells in patients with Eisenmenger syndrome and idiopathic pulmonary arterial hypertension. <i>Circulation</i> , 2008 , 117, 3020-30	16.7	184
65	LOX-1 receptor blockade abrogates oxLDL-induced oxidative DNA damage and prevents activation of the transcriptional repressor Oct-1 in human coronary arterial endothelium. <i>Journal of Biological Chemistry</i> , 2008 , 283, 19456-64	5.4	49
64	MicroRNAs: novel regulators in cardiac development and disease. <i>Cardiovascular Research</i> , 2008 , 79, 562-70	9.9	272
63	Letter by Thum et al regarding article, "Oxidant stress impairs in vivo reendothelialization capacity of endothelial progenitor cells from patients with type 2 diabetes mellitus: restoration by the peroxisome proliferator-activated receptor-gamma agonist rosiglitazone". <i>Circulation</i> , 2008 , 117, 185, author reply 186	16.7	1
62	Improvement in left ventricular remodeling by the endothelial nitric oxide synthase enhancer AVE9488 after experimental myocardial infarction. <i>Circulation</i> , 2008 , 118, 818-27	16.7	98
61	Cardiac dissonance without conductors: how dicer depletion provokes chaos in the heart. <i>Circulation</i> , 2008 , 118, 1524-7	16.7	16
60	The IGF-1 receptor as a therapeutic target to improve endothelial progenitor cell function. <i>Molecular Medicine</i> , 2008 , 14, 235-7	6.2	12
59	Detection of early signals of hepatotoxicity by gene expression profiling studies with cultures of metabolically competent human hepatocytes. <i>Archives of Toxicology</i> , 2008 , 82, 89-101	5.8	20
58	Prüvention des linksventrikulären Remodelings. <i>Kardiologie</i> , 2008 , 2, 100-107	0.6	
57	Microarray-based gene expression profiling to elucidate cellular responses to nitric oxide--a review from an analytical and biomedical point of view. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 851, 3-11	3.2	12
56	Accurate quantification of dimethylamine (DMA) in human urine by gas chromatography-mass spectrometry as pentafluorobenzamide derivative: evaluation of the relationship between DMA and its precursor asymmetric dimethylarginine (ADMA) in health and disease. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 851, 229-39	3.2	66
55	GC-MS assay for hepatic DDAH activity in diabetic and non-diabetic rats by measuring dimethylamine (DMA) formed from asymmetric dimethylarginine (ADMA): evaluation of the importance of S-nitrosothiols as inhibitors of DDAH activity in vitro and in vivo in humans. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 858, 32-41	3.2	22
54	Endothelial progenitor cell dysfunction: mechanisms and therapeutic approaches. <i>European Journal of Clinical Investigation</i> , 2007 , 37, 603-6	4.6	17
53	MicroRNAs in the broken heart. <i>European Journal of Clinical Investigation</i> , 2007 , 37, 829-33	4.6	20
52	Age-dependent impairment of endothelial progenitor cells is corrected by growth-hormone-mediated increase of insulin-like growth-factor-1. <i>Circulation Research</i> , 2007 , 100, 434-43	15.7	239
51	Growth hormone treatment improves markers of systemic nitric oxide bioavailability via insulin-like growth factor-I. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 4172-9	5.6	56

50	Endothelial nitric oxide synthase uncoupling impairs endothelial progenitor cell mobilization and function in diabetes. <i>Diabetes</i> , 2007 , 56, 666-74	0.9	329
49	Tilarginine in patients with acute myocardial infarction and cardiogenic shock. <i>JAMA - Journal of the American Medical Association</i> , 2007 , 298, 971; author reply 972-3	27.4	2
48	Differential effects of organic nitrates on endothelial progenitor cells are determined by oxidative stress. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 748-54	9.4	62
47	Nutritional iron deficiency in patients with chronic illnesses. <i>Lancet, The</i> , 2007 , 370, 1906	40	7
46	Tissue-specific effects of the nuclear factor kappaB subunit p50 on myocardial ischemia-reperfusion injury. <i>American Journal of Pathology</i> , 2007 , 171, 507-12	5.8	60
45	MicroRNAs in the human heart: a clue to fetal gene reprogramming in heart failure. <i>Circulation</i> , 2007 , 116, 258-67	16.7	752
44	Aldosterone mediated dysfunction of human endothelial progenitor cells - Mechanisms and therapeutic opportunities. <i>Journal of Stem Cells and Regenerative Medicine</i> , 2007 , 2, 39-40	0.8	
43	Growth hormone treatment improves markers of systemic nitric oxide bioavailability via the insulin-like growth factor-1 Importance for endothelial progenitor cells. <i>Journal of Stem Cells and Regenerative Medicine</i> , 2007 , 2, 115-6	0.8	1
42	Malfunction of endothelial progenitor cells and endothelial function in patients with Fabry disease. <i>Journal of Stem Cells and Regenerative Medicine</i> , 2007 , 2, 161-2	0.8	
41	Recent patents on stem cell transplantation in cardiovascular medicine. <i>Journal of Stem Cells and Regenerative Medicine</i> , 2007 , 2, 207-8	0.8	
40	Growth hormone regulates vascular functionWhat we know from bench and bedside. <i>European Journal of Clinical Pharmacology</i> , 2006 , 62, 29-32	2.8	4
39	Bone marrow molecular alterations after myocardial infarction: Impact on endothelial progenitor cells. <i>Cardiovascular Research</i> , 2006 , 70, 50-60	9.9	87
38	Expression of xenobiotic metabolizing enzymes in different lung compartments of smokers and nonsmokers. <i>Environmental Health Perspectives</i> , 2006 , 114, 1655-61	8.4	93
37	Obesity and risk of myocardial infarction: the INTERHEART study. <i>Lancet, The</i> , 2006 , 367, 1051-1052	40	5
36	Sports or statins for atheroprotection? New insight from Kruppel-like factor 2. <i>Cardiovascular Research</i> , 2006 , 72, 193-5	9.9	3
35	Mobilization of bone marrow-derived stem cells after myocardial infarction and left ventricular function: simply effects of optimized drug treatment?. <i>European Heart Journal</i> , 2005 , 26, 1685; author reply 1685-6	9.5	2
34	Suppression of endothelial progenitor cells in human coronary artery disease by the endogenous nitric oxide synthase inhibitor asymmetric dimethylarginine. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 1693-701	15.1	202
33	The dying stem cell hypothesis: immune modulation as a novel mechanism for progenitor cell therapy in cardiac muscle. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 1799-802	15.1	148

32	Toxicogenomics Applied to Cardiovascular Toxicity 2005 , 395-412		
31	ADMA, Endothelial Progenitor Cells, and Cardiovascular Risk. <i>Circulation Research</i> , 2005 , 97,	15.7	7
30	Spotlight on endothelial progenitor cell inhibitors: short review. <i>Vascular Medicine</i> , 2005 , 10 Suppl 1, S59-64	3.3	8
29	Clostridium difficile toxin A induces expression of the stress-induced early gene product RhoB. <i>Journal of Biological Chemistry</i> , 2005 , 280, 1499-505	5.4	56
28	Spotlight on endothelial progenitor cell inhibitors: short review. <i>Vascular Medicine</i> , 2005 , 10, S59-S64	3.3	8
27	Endothelial progenitor cells as potential drug targets. <i>Current Drug Targets Cardiovascular & Haematological Disorders</i> , 2005 , 5, 277-86		8
26	ADMA, endothelial progenitor cells, and cardiovascular risk. <i>Circulation Research</i> , 2005 , 97, e84	15.7	2
25	Androgen metabolism in thymus of fetal and adult rats. <i>Drug Metabolism and Disposition</i> , 2004 , 32, 675-94		9
24	Mechanistic role of cytochrome P450 monooxygenases in oxidized low-density lipoprotein-induced vascular injury: therapy through LOX-1 receptor antagonism?. <i>Circulation Research</i> , 2004 , 94, e1-13	15.7	51
23	Endogenous nitric oxide synthesis inhibitor asymmetric dimethyl L-arginine accelerates endothelial cell senescence. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 1816-22	9.4	118
22	Verapamil: metabolism in cultures of primary human coronary arterial endothelial cells. <i>Drug Metabolism and Disposition</i> , 2003 , 31, 888-91	4	24
21	Hallmarks of ion channel gene expression in end-stage heart failure. <i>FASEB Journal</i> , 2003 , 17, 1592-608	0.9	135
20	Verapamil: identification of novel metabolites in cultures of primary human hepatocytes and human urine by LC-MS(n) and LC-NMR. <i>Xenobiotica</i> , 2003 , 33, 655-76	2	25
19	Metabolism of verapamil: 24 new phase I and phase II metabolites identified in cell cultures of rat hepatocytes by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 798, 265-74	3.2	22
18	Growth hormone induces eNOS expression and nitric oxide release in a cultured human endothelial cell line. <i>FEBS Letters</i> , 2003 , 555, 567-71	3.8	44
17	A rapid and simple CYP2D6 genotyping assay--case study with the analgetic tramadol. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 1439-43	12.7	26
16	Verapamil: new insight into the molecular mechanism of drug oxidation in the human heart. <i>Journal of Chromatography A</i> , 2002 , 970, 117-30	4.5	20
15	Aroclor 1254 modulates gene expression of nuclear transcription factors: implications for albumin gene transcription and protein synthesis in rat hepatocyte cultures. <i>Toxicology and Applied Pharmacology</i> , 2002 , 181, 79-88	4.6	22

14	Testosterone, cytochrome P450, and cardiac hypertrophy. <i>FASEB Journal</i> , 2002 , 16, 1537-49	0.9	105
13	PCBs alter gene expression of nuclear transcription factors and other heart-specific genes in cultures of primary cardiomyocytes: possible implications for cardiotoxicity. <i>Xenobiotica</i> , 2002 , 32, 1173-83	2	19
12	Identification of Major CYP2C9 and CYP2C19 Polymorphisms by Fluorescence Resonance Energy Transfer Analysis. <i>Clinical Chemistry</i> , 2002 , 48, 1592-1594	5.5	13
11	Identification of major CYP2C9 and CYP2C19 polymorphisms by fluorescence resonance energy transfer analysis. <i>Clinical Chemistry</i> , 2002 , 48, 1592-4	5.5	5
10	Butanedione monoxime increases the viability and yield of adult cardiomyocytes in primary cultures. <i>Cardiovascular Toxicology</i> , 2001 , 1, 61-72	3.4	16
9	Induction of nuclear transcription factors, cytochrome P450 monooxygenases, and glutathione S-transferase alpha gene expression in Aroclor 1254-treated rat hepatocyte cultures. <i>Biochemical Pharmacology</i> , 2001 , 61, 145-53	6	35
8	Reprogramming of gene expression in cultured cardiomyocytes and in explanted hearts by the myosin ATPase inhibitor butanedione monoxime. <i>Transplantation</i> , 2001 , 71, 543-52	1.8	9
7	Verapamil metabolism in distinct regions of the heart and in cultures of cardiomyocytes of adult rats. <i>Drug Metabolism and Disposition</i> , 2001 , 29, 761-8	4	11
6	Cytochrome P450 mono-oxygenase gene expression and protein activity in cultures of adult cardiomyocytes of the rat. <i>British Journal of Pharmacology</i> , 2000 , 130, 1745-52	8.6	46
5	Molecular diagnosis of a familial nonhemolytic hyperbilirubinemia (Gilbert's syndrome) in healthy subjects. <i>Hepatology</i> , 2000 , 32, 792-5	11.2	68
4	Cellular dedifferentiation of endothelium is linked to activation and silencing of certain nuclear transcription factors: implications for endothelial dysfunction and vascular biology. <i>FASEB Journal</i> , 2000 , 14, 740-51	0.9	61
3	Isolation and cultivation of Ca ²⁺ tolerant cardiomyocytes from the adult rat: improvements and applications. <i>Xenobiotica</i> , 2000 , 30, 1063-77	2	10
2	LDL cholesterol upregulates synthesis of asymmetrical dimethylarginine in human endothelial cells: involvement of S-adenosylmethionine-dependent methyltransferases. <i>Circulation Research</i> , 2000 , 87, 99-105	15.7	422
1	Gene expression in distinct regions of the heart. <i>Lancet, The</i> , 2000 , 355, 979-83	40	162