

Mauro Giacca

List of Publications by Year in Descending Order

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Version: 2024-04-25

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

408
papers

20,900
citations

78
h-index

125
g-index

430
ext. papers

23,939
ext. citations

8.5
avg, IF

6.64
L-index

#	Paper	IF	Citations
408	Bone morphogenetic protein 1.3 inhibition decreases scar formation and supports cardiomyocyte survival after myocardial infarction.. <i>Nature Communications</i> , 2022 , 13, 81	17.4	2
407	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
406	The pathological maelstrom of COVID-19 and cardiovascular disease 2022 , 1, 200-210		1
405	Will our cardiomyopathy patients accept gene therapy?. <i>Netherlands Heart Journal</i> , 2022 , 1	2.2	
404	Nrf2 attenuates the innate immune response after experimental myocardial infarction.. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 606, 10-16	3.4	0
403	Anti-Fungal Drug Anidulafungin Inhibits SARS-CoV-2 Spike-Induced Syncytia Formation by Targeting ACE2-Spike Protein Interaction.. <i>Frontiers in Genetics</i> , 2022 , 13, 866474	4.5	1
402	AAV9-mediated functional screening for cardioprotective cytokines in Coxsackievirus-B3-induced myocarditis.. <i>Scientific Reports</i> , 2022 , 12, 7304	4.9	0
401	Raptor is critical for increasing the mitochondrial proteome and skeletal muscle force during hypertrophy. <i>FASEB Journal</i> , 2021 , 35, e22031	0.9	0
400	Tumor vascular remodeling by thrombospondin-1 enhances drug delivery and antineoplastic activity. <i>Matrix Biology</i> , 2021 , 103-104, 22-36	11.4	0
399	Is heart failure with preserved ejection fraction a dementia of the heart?. <i>Heart Failure Reviews</i> , 2021 , 1	5	1
398	The furin cleavage site in the SARS-CoV-2 spike protein is required for transmission in ferrets. <i>Nature Microbiology</i> , 2021 , 6, 899-909	26.6	206
397	Loss Regulates Smooth Muscle Cells and Accelerates Atherosclerosis in Mice. <i>Circulation Research</i> , 2021 , 128, 1258-1275	15.7	14
396	Drugs that inhibit TMEM16 proteins block SARS-CoV-2 spike-induced syncytia. <i>Nature</i> , 2021 , 594, 88-93	50.4	103
395	SREBP2 gene therapy targeting striatal astrocytes ameliorates Huntington's disease phenotypes. <i>Brain</i> , 2021 , 144, 3175-3190	11.2	4
394	Scientists on the Spot: Re-awakening the heart's regenerative capacity. <i>Cardiovascular Research</i> , 2021 , 117, e79-e81	9.9	
393	SARS-CoV-2 RNAemia and proteomic trajectories inform prognostication in COVID-19 patients admitted to intensive care. <i>Nature Communications</i> , 2021 , 12, 3406	17.4	41
392	SARS-CoV-2, myocardial injury and inflammation: insights from a large clinical and autopsy study. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1822-1831	6.1	2

391	Non-coding RNA therapeutics for cardiac regeneration. <i>Cardiovascular Research</i> , 2021 , 117, 674-693	9.9	28
390	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
389	Genetic lineage tracing reveals poor angiogenic potential of cardiac endothelial cells. <i>Cardiovascular Research</i> , 2021 , 117, 256-270	9.9	12
388	Deferoxamine mesylate improves splicing and GAA activity of the common c.-32-13T>G allele in late-onset PD patient fibroblasts. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021 , 20, 227-236	6.4	2
387	Calcium Signaling and Mitochondrial Function in Presenilin 2 Knock-Out Mice: Looking for Any Loss-of-Function Phenotype Related to Alzheimer β Disease. <i>Cells</i> , 2021 , 10,	7.9	5
386	Characterization of Viral Genome Encapsidated in Adeno-associated Recombinant Vectors Produced in Yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Biotechnology</i> , 2021 , 63, 156-165	3	1
385	Regenerative potential of epicardium-derived extracellular vesicles mediated by conserved miRNA transfer. <i>Cardiovascular Research</i> , 2021 ,	9.9	9
384	Impact of the COVID-19 pandemic on in-hospital mortality in cardiovascular disease: a meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	5
383	A microRNA program regulates the balance between cardiomyocyte hyperplasia and hypertrophy and stimulates cardiac regeneration. <i>Nature Communications</i> , 2021 , 12, 4808	17.4	2
382	RNA interference therapeutics for cardiac regeneration. <i>Current Opinion in Genetics and Development</i> , 2021 , 70, 48-53	4.9	1
381	Cardiomyocytes stimulate angiogenesis after ischemic injury in a ZEB2-dependent manner. <i>Nature Communications</i> , 2021 , 12, 84	17.4	15
380	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
379	Preserved Skeletal Muscle Mitochondrial Function, Redox State, Inflammation and Mass in Obese Mice with Chronic Heart Failure. <i>Nutrients</i> , 2020 , 12,	6.7	3
378	Persistence of viral RNA, pneumocyte syncytia and thrombosis are hallmarks of advanced COVID-19 pathology. <i>EBioMedicine</i> , 2020 , 61, 103104	8.8	155
377	Gene Therapy for the Heart Lessons Learned and Future Perspectives. <i>Circulation Research</i> , 2020 , 126, 1394-1414	15.7	34
376	VEGF-B Gene Therapy for the Heart: Proceed with Caution. <i>Molecular Therapy</i> , 2020 , 28, 1566-1568	11.7	0
375	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
374	VLDL and HDL attenuate endoplasmic reticulum and metabolic stress in HL-1 cardiomyocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 158713	5	

373	CRISPR-Csy4-Mediated Editing of Rotavirus Double-Stranded RNA Genome. <i>Cell Reports</i> , 2020 , 32, 108205-6	15.6	14
372	Cardiac regeneration and remodelling of the cardiomyocyte cytoarchitecture. <i>FEBS Journal</i> , 2020 , 287, 417-438	5.7	18
371	Functional screenings reveal different requirements for host microRNAs in Salmonella and Shigella infection. <i>Nature Microbiology</i> , 2020 , 5, 192-205	26.6	13
370	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
369	Cardiac Regeneration After Myocardial Infarction: an Approachable Goal. <i>Current Cardiology Reports</i> , 2020 , 22, 122	4.2	13
368	Endothelial cell-cardiomyocyte crosstalk in heart development and disease. <i>Journal of Physiology</i> , 2020 , 598, 2923-2939	3.9	41
367	miR-378a influences vascularization in skeletal muscles. <i>Cardiovascular Research</i> , 2020 , 116, 1386-1397	9.9	12
366	Contemporary survival trends and aetiological characterization in non-ischaemic dilated cardiomyopathy. <i>European Journal of Heart Failure</i> , 2020 , 22, 1111-1121	12.3	24
365	mCerulean3-Based Cameleon Sensor to Explore Mitochondrial Ca Dynamics In Vivo. <i>iScience</i> , 2019 , 16, 340-355	6.1	10
364	Common Regulatory Pathways Mediate Activity of MicroRNAs Inducing Cardiomyocyte Proliferation. <i>Cell Reports</i> , 2019 , 27, 2759-2771.e5	10.6	52
363	MicroRNA therapy stimulates uncontrolled cardiac repair after myocardial infarction in pigs. <i>Nature</i> , 2019 , 569, 418-422	50.4	194
362	Regenerative Medicine and Biomarkers for Dilated Cardiomyopathy 2019 , 173-185		1
361	Noncoding RNAs in Cardiovascular Disease 2019 , 43-87		
360	Intracoronary Gene Delivery of the Cytoprotective Factor Vascular Endothelial Growth Factor-B in Canine Patients with Dilated Cardiomyopathy: A Short-Term Feasibility Study. <i>Veterinary Sciences</i> , 2019 , 6,	2.4	5
359	Reactivating endogenous mechanisms of cardiac regeneration via paracrine boosting using the human amniotic fluid stem cell secretome. <i>International Journal of Cardiology</i> , 2019 , 287, 87-95	3.2	39
358	Cellular TRIM33 restrains HIV-1 infection by targeting viral integrase for proteasomal degradation. <i>Nature Communications</i> , 2019 , 10, 926	17.4	31
357	Supporting data on in vitro cardioprotective and proliferative paracrine effects by the human amniotic fluid stem cell secretome. <i>Data in Brief</i> , 2019 , 25, 104324	1.2	9
356	High-content screen in human pluripotent cells identifies miRNA-regulated pathways controlling pluripotency and differentiation. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 202	8.3	8

355	Deficiency Shortens Life Span and Impairs Cardiac Mitochondrial Function Rescued by Gene Transfer. <i>Antioxidants and Redox Signaling</i> , 2019 , 31, 1255-1271	8.4	33
354	High-throughput screening discovers antifibrotic properties of haloperidol by hindering myofibroblast activation. <i>JCI Insight</i> , 2019 , 4,	9.9	9
353	Coupling AAV-mediated promoterless gene targeting to SaCas9 nuclease to efficiently correct liver metabolic diseases. <i>JCI Insight</i> , 2019 , 5,	9.9	15
352	miR-200 family members reduce senescence and restore idiopathic pulmonary fibrosis type II alveolar epithelial cell transdifferentiation. <i>ERJ Open Research</i> , 2019 , 5,	3.5	17
351	Therapeutic Delivery of miR-148a Suppresses Ventricular Dilation in Heart Failure. <i>Molecular Therapy</i> , 2019 , 27, 584-599	11.7	24
350	TBL1Y: a new gene involved in syndromic hearing loss. <i>European Journal of Human Genetics</i> , 2019 , 27, 466-474	5.3	8
349	MicroRNA hsa-miR-29a-3p is a plasma biomarker for the differential diagnosis and monitoring of tuberculosis. <i>Tuberculosis</i> , 2019 , 114, 69-76	2.6	22
348	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
347	HPV-16 virions can remain infectious for 2 weeks on senescent cells but require cell cycle re-activation to allow virus entry. <i>Scientific Reports</i> , 2018 , 8, 811	4.9	7
346	Reversible Notch1 acetylation tunes proliferative signalling in cardiomyocytes. <i>Cardiovascular Research</i> , 2018 , 114, 103-122	9.9	18
345	Biotechnology and the bioeconomy-Towards inclusive and sustainable industrial development. <i>New Biotechnology</i> , 2018 , 40, 5-10	6.4	83
344	AAV9-mediated Rbm24 overexpression induces fibrosis in the mouse heart. <i>Scientific Reports</i> , 2018 , 8, 11696	4.9	10
343	VSV-G-Enveloped Vesicles for Traceless Delivery of CRISPR-Cas9. <i>Molecular Therapy - Nucleic Acids</i> , 2018 , 12, 453-462	10.7	55
342	MiR-16 regulates the pro-tumorigenic potential of lung fibroblasts through the inhibition of HGF production in an FGFR-1- and MEK1-dependent manner. <i>Journal of Hematology and Oncology</i> , 2018 , 11, 45	22.4	16
341	The global role of biotechnology for non communicable disorders. <i>Journal of Biotechnology</i> , 2018 , 283, 115-119	3.7	2
340	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
339	3D Carbon-Nanotube-Based Composites for Cardiac Tissue Engineering.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1530-1537	4.1	41
338	Notch pathway activation enhances cardiosphere in vitro expansion. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 5583-5595	5.6	4

337	A rationally designed NRP1-independent superagonist SEMA3A mutant is an effective anticancer agent. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	34
336	Paracrine effect of regulatory T cells promotes cardiomyocyte proliferation during pregnancy and after myocardial infarction. <i>Nature Communications</i> , 2018 , 9, 2432	17.4	76
335	Intravenous lipid infusion and total plasma fatty acids positively modulate plasma acylated ghrelin in vivo. <i>Clinical Nutrition</i> , 2017 , 36, 775-781	5.9	6
334	Single-Dose Intracardiac Injection of Pro-Regenerative MicroRNAs Improves Cardiac Function After Myocardial Infarction. <i>Circulation Research</i> , 2017 , 120, 1298-1304	15.7	111
333	Manipulating the Proliferative Potential of Cardiomyocytes by Gene Transfer. <i>Methods in Molecular Biology</i> , 2017 , 1553, 41-53	1.4	3
332	Unacylated Ghrelin Enhances Satellite Cell Function and Relieves the Dystrophic Phenotype in Duchenne Muscular Dystrophy mdx Model. <i>Stem Cells</i> , 2017 , 35, 1733-1746	5.8	14
331	Association between mutation status and left ventricular reverse remodelling in dilated cardiomyopathy. <i>Heart</i> , 2017 , 103, 1704-1710	5.1	39
330	NEUROD1 Instructs Neuronal Conversion in Non-Reactive Astrocytes. <i>Stem Cell Reports</i> , 2017 , 8, 1506-1515	5.1	59
329	AAV9-mediated engineering of autotransplanted kidney of non-human primates. <i>Gene Therapy</i> , 2017 , 24, 308-313	4	
328	Lemur tyrosine kinase 2 (LMTK2) is a determinant of cell sensitivity to apoptosis by regulating the levels of the BCL2 family members. <i>Cancer Letters</i> , 2017 , 389, 59-69	9.9	20
327	Neuronal hemoglobin affects dopaminergic cells' response to stress. <i>Cell Death and Disease</i> , 2017 , 8, e2538	9.8	16
326	Postnatal Cardiac Gene Editing Using CRISPR/Cas9 With AAV9-Mediated Delivery of Short Guide RNAs Results in Mosaic Gene Disruption. <i>Circulation Research</i> , 2017 , 121, 1168-1181	15.7	36
325	Identification of HSP90 inhibitors as a novel class of senolytics. <i>Nature Communications</i> , 2017 , 8, 422	17.4	312
324	In Vivo Functional Selection Identifies Cardiotrophin-1 as a Cardiac Engraftment Factor for Mesenchymal Stromal Cells. <i>Circulation</i> , 2017 , 136, 1509-1524	16.7	18
323	Repeated AAV-mediated gene transfer by serotype switching enables long-lasting therapeutic levels of hUgt1a1 enzyme in a mouse model of Crigler-Najjar Syndrome Type I. <i>Gene Therapy</i> , 2017 , 24, 649-660	4	19
322	Unacylated ghrelin normalizes skeletal muscle oxidative stress and prevents muscle catabolism by enhancing tissue mitophagy in experimental chronic kidney disease. <i>FASEB Journal</i> , 2017 , 31, 5159-5171	10.9	23
321	Id genes are essential for early heart formation. <i>Genes and Development</i> , 2017 , 31, 1325-1338	12.6	38
320	Acylated ghrelin treatment normalizes skeletal muscle mitochondrial oxidative capacity and AKT phosphorylation in rat chronic heart failure. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017 , 8, 991-998	10.3	31

319	Inhibition of Non Canonical HIV-1 Tat Secretion Through the Cellular Na,K-ATPase Blocks HIV-1 Infection. <i>EBioMedicine</i> , 2017 , 21, 170-181	8.8	24
318	MiR-320a as a Potential Novel Circulating Biomarker of Arrhythmogenic CardioMyopathy. <i>Scientific Reports</i> , 2017 , 7, 4802	4.9	28
317	Cardiomyocyte Regeneration: A Consensus Statement. <i>Circulation</i> , 2017 , 136, 680-686	16.7	287
316	Epigenetic silencing of miR-296 and miR-512 ensures hTERT dependent apoptosis protection and telomere maintenance in basal-type breast cancer cells. <i>Oncotarget</i> , 2017 , 8, 95674-95691	3.3	27
315	Neuropilin-1-Expressing Monocytes: Implications for Therapeutic Angiogenesis and Cancer Therapy 2017 , 213-224		
314	MIB2 variants altering NOTCH signalling result in left ventricle hypertrabeculation/non-compaction and are associated with MIB2-like gastropathy. <i>Human Molecular Genetics</i> , 2017 , 26, 33-43	5.6	7
313	Unacylated Ghrelin Reduces Skeletal Muscle Reactive Oxygen Species Generation and Inflammation and Prevents High-Fat Diet-Induced Hyperglycemia and Whole-Body Insulin Resistance in Rodents. <i>Diabetes</i> , 2016 , 65, 874-86	0.9	47
312	A mouse model for adult cardiac-specific gene deletion with CRISPR/Cas9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 338-43	11.5	115
311	Plasma total and unacylated ghrelin predict 5-year changes in insulin resistance. <i>Clinical Nutrition</i> , 2016 , 35, 1168-73	5.9	14
310	Pathways for salvage and protection of the heart under stress: novel routes for cardiac rejuvenation. <i>Cardiovascular Research</i> , 2016 , 111, 142-53	9.9	17
309	Gene Therapy With Angiotensin-(1-9) Preserves Left Ventricular Systolic Function After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2652-2666	15.1	24
308	HIV Latency TORn Down. <i>Cell Host and Microbe</i> , 2016 , 20, 700-702	23.4	3
307	VEGF121 and VEGF165 differentially promote vessel maturation and tumor growth in mice and humans. <i>Cancer Gene Therapy</i> , 2016 , 23, 125-32	5.4	21
306	Gene transfer to promote cardiac regeneration. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2016 , 53, 359-69	9.4	8
305	Laser Therapy Inhibits Tumor Growth in Mice by Promoting Immune Surveillance and Vessel Normalization. <i>EBioMedicine</i> , 2016 , 11, 165-172	8.8	39
304	Proliferation of Multiple Cell Types in the Skeletal Muscle Tissue Elicited by Acute p21 Suppression. <i>Molecular Therapy</i> , 2015 , 23, 885-895	11.7	5
303	Nuclear architecture dictates HIV-1 integration site selection. <i>Nature</i> , 2015 , 521, 227-31	50.4	215
302	RNA mimics as therapeutics for cardiac regeneration: a paradigm shift. <i>Molecular Therapy</i> , 2015 , 23, 984-986	11.7	5

301	Intracoronary Cytoprotective Gene Therapy: A Study of VEGF-B167 in a Pre-Clinical Animal Model of Dilated Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 139-53	15.1	50
300	AAV-mediated in vivo functional selection of tissue-protective factors against ischaemia. <i>Nature Communications</i> , 2015 , 6, 7388	17.4	49
299	In vivo therapeutic potential of mesenchymal stromal cells depends on the source and the isolation procedure. <i>Stem Cell Reports</i> , 2015 , 4, 332-9	8	83
298	Harnessing the microRNA pathway for cardiac regeneration. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 89, 68-74	5.8	31
297	Local delivery of the Neuregulin1 receptor ecto-domain (ecto-ErbB4) has a positive effect on regenerated nerve fiber maturation. <i>Gene Therapy</i> , 2015 , 22, 901-7	4	5
296	Genome-wide RNAi screening identifies host restriction factors critical for in vivo AAV transduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11276-81	11.5	22
295	DNA-protein interaction dynamics at the Lamin B2 replication origin. <i>Cell Cycle</i> , 2015 , 14, 64-73	4.7	3
294	Regulation of HIV-1 latency by chromatin structure and nuclear architecture. <i>Journal of Molecular Biology</i> , 2015 , 427, 688-94	6.5	34
293	Unacylated ghrelin does not alter mitochondrial function, redox state and triglyceride content in rat liver in vivo. <i>Clinical Nutrition Experimental</i> , 2015 , 4, 1-7	2	4
292	AAV vector encoding human VEGF165-transduced pectineus muscular flaps increase the formation of new tissue through induction of angiogenesis in an in vivo chamber for tissue engineering: A technique to enhance tissue and vessels in microsurgically engineered tissue. <i>Journal of Tissue Engineering</i> , 2015 , 6, 20411731415611717	7.5	7
291	Exercise-induced increases in cell free DNA in human plasma originate predominantly from cells of the haematopoietic lineage. <i>Exercise Immunology Review</i> , 2015 , 21, 164-73	8.6	52
290	Evaluation of nutritional status in head and neck radio-treated patients affected by oral mucositis: efficacy of class IV laser therapy. <i>Supportive Care in Cancer</i> , 2014 , 22, 1851-6	3.9	16
289	The oxygen-rich postnatal environment induces cardiomyocyte cell-cycle arrest through DNA damage response. <i>Cell</i> , 2014 , 157, 565-79	56.2	461
288	Imaging HIV-1 nuclear pre-integration complexes. <i>Methods in Molecular Biology</i> , 2014 , 1087, 47-54	1.4	1
287	In vivo activation of a conserved microRNA program induces mammalian heart regeneration. <i>Cell Stem Cell</i> , 2014 , 15, 589-604	18	141
286	Meeting highlights from the 2013 European Society of Cardiology Heart Failure Association Winter Meeting on Translational Heart Failure Research. <i>European Journal of Heart Failure</i> , 2014 , 16, 6-14	12.3	0
285	Ground control to Major Tom: "prepare for HIV landing". <i>Cell Host and Microbe</i> , 2014 , 16, 557-9	23.4	2
284	Manufacturing and characterization of a recombinant adeno-associated virus type 8 reference standard material. <i>Human Gene Therapy</i> , 2014 , 25, 977-87	4.8	58

283	Life-long correction of hyperbilirubinemia with a neonatal liver-specific AAV-mediated gene transfer in a lethal mouse model of Crigler-Najjar Syndrome. <i>Human Gene Therapy</i> , 2014 , 25, 844-55	4.8	55
282	Adeno-associated virus vectors as therapeutic and investigational tools in the cardiovascular system. <i>Circulation Research</i> , 2014 , 114, 1827-46	15.7	84
281	Multi-investigator letter on reproducibility of neonatal heart regeneration following apical resection. <i>Stem Cell Reports</i> , 2014 , 3, 1	8	58
280	Epigenetic modification at Notch responsive promoters blunts efficacy of inducing notch pathway reactivation after myocardial infarction. <i>Circulation Research</i> , 2014 , 115, 636-49	15.7	46
279	Functional high-throughput screening identifies the miR-15 microRNA family as cellular restriction factors for Salmonella infection. <i>Nature Communications</i> , 2014 , 5, 4718	17.4	82
278	The Oxygen-Rich Postnatal Environment Induces Cardiomyocyte Cell-Cycle Arrest through DNA Damage Response. <i>Cell</i> , 2014 , 157, 1243	56.2	3
277	Transgene detection by digital droplet PCR. <i>PLoS ONE</i> , 2014 , 9, e111781	3.7	15
276	Reversible acetylation regulates vascular endothelial growth factor receptor-2 activity. <i>Journal of Molecular Cell Biology</i> , 2014 , 6, 116-27	6.3	26
275	Extra- and intracellular factors regulating cardiomyocyte proliferation in postnatal life. <i>Cardiovascular Research</i> , 2014 , 102, 312-20	9.9	35
274	Notch1 activity in the olfactory bulb is odour-dependent and contributes to olfactory behaviour. <i>European Journal of Neuroscience</i> , 2014 , 40, 3436-49	3.5	18
273	HIV-1 integrase binding to its cellular partners: a perspective from computational biology. <i>Current Pharmaceutical Design</i> , 2014 , 20, 3412-21	3.3	1
272	Arteriogenic therapy based on simultaneous delivery of VEGF-A and FGF4 genes improves the recovery from acute limb ischemia. <i>Vascular Cell</i> , 2013 , 5, 13	1	9
271	Effect of class IV laser therapy on chemotherapy-induced oral mucositis: a clinical and experimental study. <i>American Journal of Pathology</i> , 2013 , 183, 1747-1757	5.8	40
270	Effect of vascular endothelial growth factor gene therapy on post-traumatic peripheral nerve regeneration and denervation-related muscle atrophy. <i>Gene Therapy</i> , 2013 , 20, 1014-21	4	34
269	Macrophage microRNA-155 promotes cardiac hypertrophy and failure. <i>Circulation</i> , 2013 , 128, 1420-32	16.7	190
268	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
267	Genome-wide mapping of human DNA-replication origins: levels of transcription at ORC1 sites regulate origin selection and replication timing. <i>Genome Research</i> , 2013 , 23, 1-11	9.7	106
266	Carbon nanotubes instruct physiological growth and functionally mature syncytia: nongenetic engineering of cardiac myocytes. <i>ACS Nano</i> , 2013 , 7, 5746-56	16.7	92

265	Proximity to PML nuclear bodies regulates HIV-1 latency in CD4+ T cells. <i>Cell Host and Microbe</i> , 2013 , 13, 665-77	23.4	77
264	A new dual-promoter system for cardiomyocyte-specific conditional induction of apoptosis. <i>BioMed Research International</i> , 2013 , 2013, 845816	3	4
263	Melusin gene therapy: a novel approach to fight familial dilated cardiomyopathy. <i>European Heart Journal</i> , 2013 , 34, 3410-3410	9.5	
262	Molecular Parameters for Prognostic and Predictive Assessment in Colorectal Cancer. <i>Updates in Surgery Series</i> , 2013 , 41-62	0.1	2
261	Virus-mediated gene delivery for human gene therapy. <i>Journal of Controlled Release</i> , 2012 , 161, 377-88	11.7	218
260	Adipokines, ghrelin and obesity-associated insulin resistance in nondiabetic patients with acute coronary syndrome. <i>Obesity</i> , 2012 , 20, 2348-53	8	9
259	Functional screening identifies miRNAs inducing cardiac regeneration. <i>Nature</i> , 2012 , 492, 376-81	50.4	724
258	Nerve growth factor gene therapy using adeno-associated viral vectors prevents cardiomyopathy in type 1 diabetic mice. <i>Diabetes</i> , 2012 , 61, 229-40	0.9	30
257	Rescue of bilirubin-induced neonatal lethality in a mouse model of Crigler-Najjar syndrome type I by AAV9-mediated gene transfer. <i>FASEB Journal</i> , 2012 , 26, 1052-63	0.9	56
256	Capsid protein expression and adeno-associated virus like particles assembly in <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell Factories</i> , 2012 , 11, 124	6.4	17
255	Terminal differentiation of cardiac and skeletal myocytes induces permissivity to AAV transduction by relieving inhibition imposed by DNA damage response proteins. <i>Molecular Therapy</i> , 2012 , 20, 2087-97	11.7	51
254	Inhibition of choroidal and corneal pathologic neovascularization by Plgf1-de gene transfer 2012 , 53, 7989-96		14
253	Idiopathic dilated cardiomyopathy and persistent viral infection: lack of association in a controlled study using a quantitative assay. <i>Heart Lung and Circulation</i> , 2012 , 21, 787-93	1.8	20
252	VEGF gene therapy: therapeutic angiogenesis in the clinic and beyond. <i>Gene Therapy</i> , 2012 , 19, 622-9	4	165
251	Enhanced athletic performance on multisite AAV-IGF1 gene transfer coincides with massive modification of the muscle proteome. <i>Human Gene Therapy</i> , 2012 , 23, 146-57	4.8	17
250	Carbon nanotubes promote growth and spontaneous electrical activity in cultured cardiac myocytes. <i>Nano Letters</i> , 2012 , 12, 1831-8	11.5	175
249	Brain delivery of AAV9 expressing an anti-PrP monovalent antibody delays prion disease in mice. <i>Prion</i> , 2012 , 6, 383-90	2.3	24
248	Neuropilin-1 identifies a subset of bone marrow Gr1- monocytes that can induce tumor vessel normalization and inhibit tumor growth. <i>Cancer Research</i> , 2012 , 72, 6371-81	10.1	44

247	HIV-1 Tat Binding to PCAF Bromodomain: Structural Determinants from Computational Methods. <i>Biology</i> , 2012 , 1, 277-96	4.9	8
246	Semaphorin 3A overcomes cancer hypoxia and metastatic dissemination induced by antiangiogenic treatment in mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 1832-48	15.9	132
245	The TRIM family protein KAP1 inhibits HIV-1 integration. <i>Cell Host and Microbe</i> , 2011 , 9, 484-95	23.4	79
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