

# Mauro Giacca

## List of Publications by Year in descending order

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418  
papers

26,433  
citations

5248

83  
h-index

10424

139  
g-index

430  
all docs

430  
docs citations

430  
times ranked

30735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional screening identifies miRNAs inducing cardiac regeneration. <i>Nature</i> , 2012, 492, 376-381.	13.7	922
2	Anti-PlGF Inhibits Growth of VEGF(R)-Inhibitor-Resistant Tumors without Affecting Healthy Vessels. <i>Cell</i> , 2007, 131, 463-475.	13.5	722
3	The Oxygen-Rich Postnatal Environment Induces Cardiomyocyte Cell-Cycle Arrest through DNA Damage Response. <i>Cell</i> , 2014, 157, 565-579.	13.5	688
4	Internalization of HIV-1 Tat Requires Cell Surface Heparan Sulfate Proteoglycans. <i>Journal of Biological Chemistry</i> , 2001, 276, 3254-3261.	1.6	635
5	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.	5.9	556
6	Identification of HSP90 inhibitors as a novel class of senolytics. <i>Nature Communications</i> , 2017, 8, 422.	5.8	466
7	Cardiomyocyte Regeneration. <i>Circulation</i> , 2017, 136, 680-686.	1.6	417
8	Cell Membrane Lipid Rafts Mediate Caveolar Endocytosis of HIV-1 Tat Fusion Proteins. <i>Journal of Biological Chemistry</i> , 2003, 278, 34141-34149.	1.6	397
9	MicroRNA therapy stimulates uncontrolled cardiac repair after myocardial infarction in pigs. <i>Nature</i> , 2019, 569, 418-422.	13.7	347
10	Caveolae-Mediated internalization of extracellular HIV-1 tat fusion proteins visualized in real time. <i>Molecular Therapy</i> , 2003, 8, 284-294.	3.7	306
11	Familial dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 1999, 34, 181-190.	1.2	304
12	Persistence of viral RNA, pneumocyte syncytia and thrombosis are hallmarks of advanced COVID-19 pathology. <i>EBioMedicine</i> , 2020, 61, 103104.	2.7	295
13	Drugs that inhibit TMEM16 proteins block SARS-CoV-2 spike-induced syncytia. <i>Nature</i> , 2021, 594, 88-93.	13.7	293
14	Vascular endothelial growth factor stimulates skeletal muscle regeneration in Vivo. <i>Molecular Therapy</i> , 2004, 10, 844-854.	3.7	284
15	HIV-1 Tat transactivator recruits p300 and CREB-binding protein histone acetyltransferases to the viral promoter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13519-13524.	3.3	279
16	Nuclear architecture dictates HIV-1 integration site selection. <i>Nature</i> , 2015, 521, 227-231.	13.7	277
17	A novel procedure for quantitative polymerase chain reaction by coamplification of competitive templates. <i>Gene</i> , 1992, 122, 313-320.	1.0	260
18	Virus-mediated gene delivery for human gene therapy. <i>Journal of Controlled Release</i> , 2012, 161, 377-388.	4.8	248

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19	Further Pharmacological and Genetic Evidence for the Efficacy of PlGF Inhibition in Cancer and Eye Disease. <i>Cell</i> , 2010, 141, 178-190.	13.5	243
20	Different mechanisms for cellular internalization of the HIV-1 Tat-derived cell penetrating peptide and recombinant proteins fused to Tat. <i>FEBS Journal</i> , 2002, 269, 494-501.	0.2	237
21	Macrophage MicroRNA-155 Promotes Cardiac Hypertrophy and Failure. <i>Circulation</i> , 2013, 128, 1420-1432.	1.6	225
22	VEGF gene therapy: therapeutic angiogenesis in the clinic and beyond. <i>Gene Therapy</i> , 2012, 19, 622-629.	2.3	212
23	E2F Family Members Are Differentially Regulated by Reversible Acetylation. <i>Journal of Biological Chemistry</i> , 2000, 275, 10887-10892.	1.6	204
24	Regulation of HIV-1 gene expression by histone acetylation and factor recruitment at the LTR promoter. <i>EMBO Journal</i> , 2003, 22, 6550-6561.	3.5	204
25	MiR-378 Controls Cardiac Hypertrophy by Combined Repression of Mitogen-Activated Protein Kinase Pathway Factors. <i>Circulation</i> , 2013, 127, 2097-2106.	1.6	203
26	Carbon Nanotubes Promote Growth and Spontaneous Electrical Activity in Cultured Cardiac Myocytes. <i>Nano Letters</i> , 2012, 12, 1831-1838.	4.5	196
27	Absolute quantitation of viremia in human immunodeficiency virus infection by competitive reverse transcription and polymerase chain reaction. <i>Journal of Clinical Microbiology</i> , 1992, 30, 1752-1757.	1.8	185
28	A New Locus for Arrhythmogenic Right Ventricular Dysplasia on the Long Arm of Chromosome 14. <i>Genomics</i> , 1996, 31, 193-200.	1.3	184
29	Fine mapping of a replication origin of human DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 7119-7123.	3.3	180
30	Interaction of HIV-1 Tat Protein with Heparin. <i>Journal of Biological Chemistry</i> , 1997, 272, 11313-11320.	1.6	179
31	In Vivo Activation of a Conserved MicroRNA Program Induces Mammalian Heart Regeneration. <i>Cell Stem Cell</i> , 2014, 15, 589-604.	5.2	178
32	Start Sites of Bidirectional DNA Synthesis at the Human Lamin B2 Origin. <i>Science</i> , 2000, 287, 2023-2026.	6.0	171
33	Semaphorin 3A is an endogenous angiogenesis inhibitor that blocks tumor growth and normalizes tumor vasculature in transgenic mouse models. <i>Journal of Clinical Investigation</i> , 2009, 119, 3356-72.	3.9	167
34	A Point Mutation in the 5' Splice Site of the Dystrophin Gene First Intron Responsible for X-Linked Dilated Cardiomyopathy. <i>Human Molecular Genetics</i> , 1996, 5, 73-79.	1.4	164
35	Single-Dose Intracardiac Injection of Pro-Regenerative MicroRNAs Improves Cardiac Function After Myocardial Infarction. <i>Circulation Research</i> , 2017, 120, 1298-1304.	2.0	162
36	Chemokines Released by Lipopolysaccharide (LPS)-stimulated Human Macrophages Suppress HIV-1 Infection in Both Macrophages and T Cells. <i>Journal of Experimental Medicine</i> , 1997, 185, 805-816.	4.2	160

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37	Acetylation of HIV-1 integrase by p300 regulates viral integration. <i>EMBO Journal</i> , 2005, 24, 3070-3081.	3.5	159
38	Cardiomyocyte VEGFR $\alpha$ 1 activation by VEGF $\beta$ induces compensatory hypertrophy and preserves cardiac function after myocardial infarction. <i>FASEB Journal</i> , 2010, 24, 1467-1478.	0.2	159
39	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.	2.4	154
40	Semaphorin 3A overcomes cancer hypoxia and metastatic dissemination induced by antiangiogenic treatment in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 1832-1848.	3.9	154
41	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, 338-343.	3.3	153
42	Systemic Tumor Necrosis Factor $\alpha$ -Related Apoptosis-Inducing Ligand Delivery Shows Antiatherosclerotic Activity in Apolipoprotein E $\alpha$ -Null Diabetic Mice. <i>Circulation</i> , 2006, 114, 1522-1530.	1.6	147
43	Notch1 signaling stimulates proliferation of immature cardiomyocytes. <i>Journal of Cell Biology</i> , 2008, 183, 117-128.	2.3	147
44	Bone marrow mononuclear cells are recruited to the sites of VEGF-induced neovascularization but are not incorporated into the newly formed vessels. <i>Blood</i> , 2006, 107, 3546-3554.	0.6	139
45	Adeno-associated viral vector-mediated human vascular endothelial growth factor gene transfer stimulates angiogenesis and wound healing in the genetically diabetic mouse. <i>Diabetologia</i> , 2003, 46, 546-555.	2.9	138
46	Intravenous Gene Therapy With PIM-1 Via a Cardiotropic Viral Vector Halts the Progression of Diabetic Cardiomyopathy Through Promotion of Prosurvival Signaling. <i>Circulation Research</i> , 2011, 108, 1238-1251.	2.0	137
47	Activation of transcription factor NF-kappaB by the Tat protein of human immunodeficiency virus type 1. <i>Journal of Virology</i> , 1996, 70, 4427-4437.	1.5	136
48	Molecular profile of human immunodeficiency virus type 1 infection in symptomless patients and in patients with AIDS. <i>Journal of Virology</i> , 1992, 66, 7328-7335.	1.5	133
49	Biotechnology and the bioeconomy $\alpha$ ”Towards inclusive and sustainable industrial development. <i>New Biotechnology</i> , 2018, 40, 5-10.	2.4	131
50	Paracrine effect of regulatory T cells promotes cardiomyocyte proliferation during pregnancy and after myocardial infarction. <i>Nature Communications</i> , 2018, 9, 2432.	5.8	130
51	Novel human-derived cell-penetrating peptides for specific subcellular delivery of therapeutic biomolecules. <i>Biochemical Journal</i> , 2005, 390, 407-418.	1.7	127
52	The gene for a novel human lamin maps at a highly transcribed locus of chromosome 19 which replicates at the onset of S-phase.. <i>Molecular and Cellular Biology</i> , 1992, 12, 3499-3506.	1.1	125
53	Characterization of a Recombinant Adeno-Associated Virus Type 2 Reference Standard Material. <i>Human Gene Therapy</i> , 2010, 21, 1273-1285.	1.4	125
54	Induction of functional neovascularization by combined VEGF and angiopoietin-1 gene transfer using AAV vectors. <i>Molecular Therapy</i> , 2003, 7, 450-459.	3.7	124

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55	Recombinant AAV vector encoding human VEGF165 enhances wound healing. <i>Gene Therapy</i> , 2002, 9, 777-785.	2.3	123
56	SARS-CoV-2 RNAemia and proteomic trajectories inform prognostication in COVID-19 patients admitted to intensive care. <i>Nature Communications</i> , 2021, 12, 3406.	5.8	122
57	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.	2.9	118
58	Adeno-Associated Virus-Mediated Transduction of VEGF165 Improves Cardiac Tissue Viability and Functional Recovery After Permanent Coronary Occlusion in Conscious Dogs. <i>Circulation Research</i> , 2006, 98, 954-961.	2.0	111
59	Adeno-Associated Virus Vectors as Therapeutic and Investigational Tools in the Cardiovascular System. <i>Circulation Research</i> , 2014, 114, 1827-1846.	2.0	111
60	Multiple Interactions of HIV-1 Tat Protein with Size-defined Heparin Oligosaccharides. <i>Journal of Biological Chemistry</i> , 1999, 274, 28198-28205.	1.6	110
61	The TRIM Family Protein KAP1 Inhibits HIV-1 Integration. <i>Cell Host and Microbe</i> , 2011, 9, 484-495.	5.1	109
62	NEUROD1 Instructs Neuronal Conversion in Non-Reactive Astrocytes. <i>Stem Cell Reports</i> , 2017, 8, 1506-1515.	2.3	106
63	The Basic Domain in HIV-1 Tat Protein as a Target for Polysulfonated Heparin-mimicking Extracellular Tat Antagonists. <i>Journal of Biological Chemistry</i> , 1998, 273, 16027-16037.	1.6	105
64	Carbon Nanotubes Instruct Physiological Growth and Functionally Mature Syncytia: Nongenetic Engineering of Cardiac Myocytes. <i>ACS Nano</i> , 2013, 7, 5746-5756.	7.3	105
65	Transcriptional interference perturbs the binding of Sp1 to the HIV-1 promoter. <i>Nucleic Acids Research</i> , 1998, 26, 1294-1301.	6.5	104
66	Endothelial cell-cardiomyocyte crosstalk in heart development and disease. <i>Journal of Physiology</i> , 2020, 598, 2923-2939.	1.3	104
67	Transcellular protein transduction using the Tat protein of HIV-1. <i>Advanced Drug Delivery Reviews</i> , 2005, 57, 597-608.	6.6	102
68	Involvement of Cellular Double-Stranded DNA Break Binding Proteins in Processing of the Recombinant Adeno-Associated Virus Genome. <i>Journal of Virology</i> , 2001, 75, 12279-12287.	1.5	101
69	Concerted action of cellular JNK and Pin1 restricts HIV-1 genome integration to activated CD4+ T lymphocytes. <i>Nature Medicine</i> , 2010, 16, 329-333.	15.2	101
70	Nanoparticles from Lipid-Based Liquid Crystals: Emulsifier Influence on Morphology and Cytotoxicity. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3518-3525.	1.2	100
71	The Mre11/Rad50/Nbs1 Complex Limits Adeno-Associated Virus Transduction and Replication. <i>Journal of Virology</i> , 2007, 81, 12936-12945.	1.5	99
72	In Vivo Therapeutic Potential of Mesenchymal Stromal Cells Depends on the Source and the Isolation Procedure. <i>Stem Cell Reports</i> , 2015, 4, 332-339.	2.3	98

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73	Dynamics of viral replication in infants with vertically acquired human immunodeficiency virus type 1 infection.. Journal of Clinical Investigation, 1996, 97, 323-330.	3.9	98
74	Proximity to PML Nuclear Bodies Regulates HIV-1 Latency in CD4+ T Cells. Cell Host and Microbe, 2013, 13, 665-677.	5.1	97
75	HIV Tat, its TARgets and the control of viral gene expression. FEMS Microbiology Letters, 2003, 220, 57-65.	0.7	96
76	Transcription-Dependent Gene Looping of the HIV-1 Provirus Is Dictated by Recognition of Pre-mRNA Processing Signals. Molecular Cell, 2008, 29, 56-68.	4.5	96
77	VEGF overexpression via adeno-associated virus gene transfer promotes skeletal muscle regeneration and enhances muscle function in mdx mice. FASEB Journal, 2007, 21, 3737-3746.	0.2	95
78	Human Immunodeficiency Virus Type 1 Tat Protein Activates Transcription Factor NF- $\kappa$ B through the Cellular Interferon-Inducible, Double-Stranded RNA-Dependent Protein Kinase, PKR. Journal of Virology, 1999, 73, 7080-7086.	1.5	95
79	A human binding site for transcription factor USF/MLTF mimics the negative regulatory element of human immunodeficiency virus type 1. Virology, 1992, 186, 133-147.	1.1	94
80	Pentraxin 3 Inhibits Fibroblast Growth Factor 2-Dependent Activation of Smooth Muscle Cells In Vitro and Neointima Formation In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1837-1842.	1.1	93
81	Linkage of familial dilated cardiomyopathy to chromosome 9. Heart Muscle Disease Study Group. American Journal of Human Genetics, 1995, 57, 846-52.	2.6	93
82	Ribozyme-mediated inhibition of survivin expression increases spontaneous and drug-induced apoptosis and decreases the tumorigenic potential of human prostate cancer cells. Oncogene, 2004, 23, 386-394.	2.6	92
83	Functional high-throughput screening identifies the miR-15 microRNA family as cellular restriction factors for Salmonella infection. Nature Communications, 2014, 5, 4718.	5.8	92
84	Nested polymerase chain reaction for high-sensitivity detection of enteroviral RNA in biological samples. Journal of Clinical Microbiology, 1993, 31, 1345-1349.	1.8	87
85	Early mitotic degradation of the homeoprotein HOXC10 is potentially linked to cell cycle progression. EMBO Journal, 2003, 22, 3715-3724.	3.5	86
86	VSV-G-Enveloped Vesicles for Traceless Delivery of CRISPR-Cas9. Molecular Therapy - Nucleic Acids, 2018, 12, 453-462.	2.3	85
87	Intramyocardial VEGF-B <sub>167</sub> Gene Delivery Delays the Progression Towards Congestive Failure in Dogs With Pacing-Induced Dilated Cardiomyopathy. Circulation Research, 2010, 106, 1893-1903.	2.0	83
88	Modular Structure of the Human Lamin B2 Replicator. Molecular and Cellular Biology, 2004, 24, 2958-2967.	1.1	82
89	Multiple Modes of Transcriptional Regulation by the HIV-1 Tat Transactivator. IUBMB Life, 2001, 51, 175-181.	1.5	81
90	Acetylation of Conserved Lysines in the Catalytic Core of Cyclin-Dependent Kinase 9 Inhibits Kinase Activity and Regulates Transcription. Molecular and Cellular Biology, 2008, 28, 2201-2212.	1.1	81

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91	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.	2.9	81
92	Gene Therapy for the Heart Lessons Learned and Future Perspectives. <i>Circulation Research</i> , 2020, 126, 1394-1414.	2.0	81
93	In Vivo Study of HIV-1 Tat Arginine-rich Motif Unveils Its Transport Properties. <i>Molecular Therapy</i> , 2007, 15, 1313-1322.	3.7	80
94	Manufacturing and Characterization of a Recombinant Adeno-Associated Virus Type 8 Reference Standard Material. <i>Human Gene Therapy</i> , 2014, 25, 977-987.	1.4	80
95	Acetylation by GCN5 regulates CDC6 phosphorylation in the S phase of the cell cycle. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 412-420.	3.6	79
96	Knockdown of Cyclin-dependent Kinase Inhibitors Induces Cardiomyocyte Re-entry in the Cell Cycle. <i>Journal of Biological Chemistry</i> , 2011, 286, 8644-8654.	1.6	79
97	High-Resolution Mapping of the Origin of DNA Replication in the Hamster Dihydrofolate Reductase Gene Domain by Competitive PCR. <i>Molecular and Cellular Biology</i> , 1996, 16, 5358-5364.	1.1	78
98	Common Regulatory Pathways Mediate Activity of MicroRNAs Inducing Cardiomyocyte Proliferation. <i>Cell Reports</i> , 2019, 27, 2759-2771.e5.	2.9	77
99	Dystrophin gene abnormalities in two patients with idiopathic dilated cardiomyopathy. <i>Heart</i> , 1997, 78, 608-612.	1.2	76
100	Effects of subcutaneous interleukin-2 therapy on CD4 subsets and in vitro cytokine production in HIV+ subjects. <i>Journal of Clinical Investigation</i> , 1997, 100, 2737-2743.	3.9	76
101	Genetic Determinants of Ethanol-Induced Liver Damage. <i>Molecular Medicine</i> , 2001, 7, 255-262.	1.9	75
102	Low frequency of detection by nested polymerase chain reaction of enterovirus ribonucleic acid in endomyocardial tissue of patients with idiopathic dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 1994, 24, 1033-1040.	1.2	74
103	Life-Long Correction of Hyperbilirubinemia with a Neonatal Liver-Specific AAV-Mediated Gene Transfer in a Lethal Mouse Model of Criglerâ€Najjar Syndrome. <i>Human Gene Therapy</i> , 2014, 25, 844-855.	1.4	74
104	Bone marrow cells recruited through the neuropilin-1 receptor promote arterial formation at the sites of adult neoangiogenesis in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 2062-75.	3.9	74
105	Inducible adeno-associated virus vectors promote functional angiogenesis in adult organisms via regulated vascular endothelial growth factor expression. <i>Cardiovascular Research</i> , 2009, 83, 663-671.	1.8	73
106	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.	1.8	72
107	In vivo footprinting analysis of constitutive and inducible protein-DNA interactions at the long terminal repeat of human immunodeficiency virus type 1. <i>Journal of Virology</i> , 1993, 67, 7450-7460.	1.5	72
108	Rescue of bilirubinâ€Ninduced neonatal lethality in a mouse model of Criglerâ€Najjar syndrome type I by AAV9â€Nmediated gene transfer. <i>FASEB Journal</i> , 2012, 26, 1052-1063.	0.2	71



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109	GCN5-dependent acetylation of HIV-1 integrase enhances viral integration. <i>Retrovirology</i> , 2010, 7, 18.	0.9	70
110	<i>Sirt3</i> Deficiency Shortens Life Span and Impairs Cardiac Mitochondrial Function Rescued by <i>Opa1</i> Gene Transfer. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1255-1271.	2.5	70
111	Processing of recombinant AAV genomes occurs in specific nuclear structures that overlap with foci of DNA-damage-response proteins. <i>Journal of Cell Science</i> , 2008, 121, 349-357.	1.2	69
112	Enhanced Caveolae-Mediated Endocytosis by Diagnostic Ultrasound In Vitro. <i>Ultrasound in Medicine and Biology</i> , 2009, 35, 136-143.	0.7	69
113	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.	0.4	69
114	The Gene for a Novel Human Lamin Maps at a Highly Transcribed Locus of Chromosome 19 which Replicates at the Onset of S-Phase. <i>Molecular and Cellular Biology</i> , 1992, 12, 3499-3506.	1.1	68
115	Pentosan Polysulfate as an Inhibitor of Extracellular HIV-1 Tat. <i>Journal of Biological Chemistry</i> , 2001, 276, 22420-22425.	1.6	67
116	Green fluorescent proteins as optically controllable elements in bioelectronics. <i>Applied Physics Letters</i> , 2001, 79, 3353-3355.	1.5	67
117	In Vivo Imaging Shows Abnormal Function of Vascular Endothelial Growth Factor-Induced Vasculature. <i>Human Gene Therapy</i> , 2007, 18, 515-524.	1.4	66
118	Mapping Replication Origins by Quantifying Relative Abundance of Nascent DNA Strands Using Competitive Polymerase Chain Reaction. <i>Methods</i> , 1997, 13, 301-312.	1.9	65
119	Long-term VEGF-A expression promotes aberrant angiogenesis and fibrosis in skeletal muscle. <i>Gene Therapy</i> , 2011, 18, 1166-1172.	2.3	65
120	Multi-Investigator Letter on Reproducibility of Neonatal Heart Regeneration following Apical Resection. <i>Stem Cell Reports</i> , 2014, 3, 1.	2.3	65
121	AAV-mediated in vivo functional selection of tissue-protective factors against ischaemia. <i>Nature Communications</i> , 2015, 6, 7388.	5.8	65
122	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, 874-886.	0.3	64
123	Association between mutation status and left ventricular reverse remodelling in dilated cardiomyopathy. <i>Heart</i> , 2017, 103, 1704-1710.	1.2	64
124	Id genes are essential for early heart formation. <i>Genes and Development</i> , 2017, 31, 1325-1338.	2.7	64
125	Competitive PCR for precise nucleic acid quantification. <i>Nature Protocols</i> , 2007, 2, 2092-2104.	5.5	63
126	Identification of Specific Molecular Structures of Human Immunodeficiency Virus Type 1 Tat Relevant for Its Biological Effects on Vascular Endothelial Cells. <i>Journal of Virology</i> , 2000, 74, 344-353.	1.5	62



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127	Recruitment of human cyclin T1 to nuclear bodies through direct interaction with the PML protein. <i>EMBO Journal</i> , 2003, 22, 2156-2166.	3.5	61
128	Effect of recombinant adeno-associated virus vector-mediated vascular endothelial growth factor gene transfer on wound healing after burn injury*. <i>Critical Care Medicine</i> , 2003, 31, 1017-1025.	0.4	61
129	The Enhanced Green Fluorescent Protein as a Tool for the Analysis of Protein Dynamics and Localization: Local Fluorescence Study at the Single-molecule Level. <i>Photochemistry and Photobiology</i> , 2000, 71, 771-776.	1.3	59
130	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, 2087-2097.	3.7	59
131	Cell cycle modulation of protein-DNA interactions at a human replication origin. <i>EMBO Journal</i> , 1998, 17, 2961-2969.	3.5	58
132	AAV-mediated gene transfer of tissue inhibitor of metalloproteinases-1 inhibits vascular tumor growth and angiogenesis in vivo. <i>Cancer Gene Therapy</i> , 2004, 11, 73-80.	2.2	58
133	A novel animal model to study non-spontaneous bisphosphonates osteonecrosis of jaw. <i>Journal of Oral Pathology and Medicine</i> , 2010, 39, 390-396.	1.4	58
134	Intracoronary Cytoprotective Gene Therapy. <i>Journal of the American College of Cardiology</i> , 2015, 66, 139-153.	1.2	58
135	Regulation of E2F-1 after DNA Damage by p300-Mediated Acetylation and Ubiquitination. <i>Cell Cycle</i> , 2005, 4, 930-939.	1.3	57
136	3D Carbon-Nanotube-Based Composites for Cardiac Tissue Engineering. <i>ACS Applied Bio Materials</i> , 2018, 1, 1530-1537.	2.3	57
137	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.	0.8	57
138	Coherent Dynamics of Photoexcited Green Fluorescent Proteins. <i>Physical Review Letters</i> , 2001, 86, 3439-3442.	2.9	56
139	Sustained Expression of Vascular Endothelial Growth Factor and Angiopoietin-1 Improves Blood-Spinal Cord Barrier Integrity and Functional Recovery after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2010, 27, 2067-2076.	1.7	56
140	Epigenetic Modification at Notch Responsive Promoters Blunts Efficacy of Inducing Notch Pathway Reactivation After Myocardial Infarction. <i>Circulation Research</i> , 2014, 115, 636-649.	2.0	56
141	Non-coding RNA therapeutics for cardiac regeneration. <i>Cardiovascular Research</i> , 2021, 117, 674-693.	1.8	56
142	Angiopoietin-1 gene transfer improves impaired wound healing in genetically diabetic mice without increasing VEGF expression. <i>Clinical Science</i> , 2008, 114, 707-718.	1.8	54
143	Contemporary survival trends and aetiological characterization in non-schaemic dilated cardiomyopathy. <i>European Journal of Heart Failure</i> , 2020, 22, 1111-1121.	2.9	54
144	Molecular and functional interactions of transcription factor USF with the long terminal repeat of human immunodeficiency virus type 1. <i>Journal of Virology</i> , 1995, 69, 2765-2775.	1.5	54

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145	Familial dilated cardiomyopathy. <i>Heart</i> , 1994, 72, S35-S41.	1.2	52
146	Laser Therapy Inhibits Tumor Growth in Mice by Promoting Immune Surveillance and Vessel Normalization. <i>EBioMedicine</i> , 2016, 11, 165-172.	2.7	52
147	Visualization of in Vivo Direct Interaction between HIV-1 TAT and Human Cyclin T1 in Specific Subcellular Compartments by Fluorescence Resonance Energy Transfer. <i>Journal of Biological Chemistry</i> , 2001, 276, 39220-39225.	1.6	51
148	Neuropilin-1 Identifies a Subset of Bone Marrow Gr1 <sup>+</sup> Monocytes That Can Induce Tumor Vessel Normalization and Inhibit Tumor Growth. <i>Cancer Research</i> , 2012, 72, 6371-6381.	0.4	51
149	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.	1.8	51
150	In vivo protein-DNA interactions at human DNA replication origin.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 1498-1503.	3.3	50
151	Dynamics of hypervariable region 1 variation in hepatitis C virus infection and correlation with clinical and virological features of liver disease. <i>Hepatology</i> , 1998, 27, 1678-1686.	3.6	50
152	Extracellular HIV-1 Tat protein differentially activates the JNK and ERK/MAPK pathways in CD4 T cells. <i>Aids</i> , 1999, 13, 1637-1645.	1.0	50
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