Michael S. Marber

List of Publications by Year
in descending order

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Version: 2024-02-01

213 papers	10,093 citations	24978 57 h-index	42291 92 g-index
227 all docs	227 docs citations	227 times ranked	12384 citing authors

#	Article	IF	Citations
1	Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. New England Journal of Medicine, 2019, 380, 2418-2428.	13.9	326
2	Cardiac troponins: from myocardial infarction to chronic disease. Cardiovascular Research, 2017, 113, 1708-1718.	1.8	322
3	Progressive decrease in chaperone protein levels in a mouse model of Huntington's disease and induction of stress proteins as a therapeutic approach. Human Molecular Genetics, 2004, 13, 1389-1405.	1.4	302
4	Ischaemic conditioning and targeting reperfusion injury: a 30Âyear voyage of discovery. Basic Research in Cardiology, 2016, 111, 70.	2.5	257
5	Na+/h+exchange inhibitors for cardioprotective therapy: progress, problems and prospects. Journal of the American College of Cardiology, 2002, 39, 747-753.	1.2	232
6	Involvement of Nox2 NADPH Oxidase in Adverse Cardiac Remodeling After Myocardial Infarction. Hypertension, 2008, 51, 319-325.	1.3	216
7	Ischemia-induced STAT-1 Expression and Activation Play a Critical Role in Cardiomyocyte Apoptosis. Journal of Biological Chemistry, 2000, 275, 10002-10008.	1.6	186
8	High-Resolution Magnetic Resonance Myocardial Perfusion Imaging at 3.0-Tesla to Detect Hemodynamically Significant Coronary Stenoses as Determined by Fractional Flow Reserve. Journal of the American College of Cardiology, 2011, 57, 70-75.	1.2	183
9	Targeting of mannan-binding lectin-associated serine protease-2 confers protection from myocardial and gastrointestinal ischemia/reperfusion injury. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7523-7528.	3.3	174
10	Circulating Humoral Factors and Endothelial Progenitor Cells in Patients With Differing Coronary Collateral Support. Circulation, 2004, 109, 2986-2992.	1.6	161
11	Assessment of atherosclerotic plaque burden with an elastin-specific magnetic resonance contrast agent. Nature Medicine, 2011, 17, 383-388.	15.2	161
12	The role of differential activation of p38â€mitogenâ€activated protein kinase in preconditioned ventricular myocytes. FASEB Journal, 2000, 14, 2237-2246.	0.2	152
13	Peripheral Augmentation Index Defines the Relationship Between Central and Peripheral Pulse Pressure. Hypertension, 2008, 51, 112-118.	1.3	149
14	Exercise reduces arterial pressure augmentation through vasodilation of muscular arteries in humans. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1645-H1650.	1.5	148
15	Systemic inflammation in unstable angina is the result of myocardial necrosis. Journal of the American College of Cardiology, 2002, 39, 1917-1923.	1.2	136
16	The p38 mitogen-activated protein kinase pathwayâ€"A potential target for intervention in infarction, hypertrophy, and heart failure. Journal of Molecular and Cellular Cardiology, 2011, 51, 485-490.	0.9	134
17	Vascular Dysfunction and Reduced Circulating Endothelial Progenitor Cells in Young Healthy UK South Asian Men. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 936-942.	1.1	130
18	Mitochondria as Targets for Nitric Oxideâ€"Induced Protection During Simulated Ischemia and Reoxygenation in Isolated Neonatal Cardiomyocytes. Circulation, 2001, 103, 2617-2623.	1.6	128

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19	Diverse Mechanisms of Myocardial p38 Mitogen-Activated Protein Kinase Activation. Circulation Research, 2003, 93, 254-261.	2.0	126
20	Targeted disruption of the protein kinase C epsilon gene abolishes the infarct size reduction that follows ischaemic preconditioning of isolated buffer-perfused mouse hearts. Cardiovascular Research, 2002, 55, 672-680.	1.8	124
21	Remote intermittent ischemia before coronary artery bypass graft surgery: a strategy to reduce injury and inflammation?. Basic Research in Cardiology, 2011, 106, 511-519.	2.5	124
22	Late intervention after anterior myocardial infarction: effects on left ventricular size, function, quality of life, and exercise tolerance. Journal of the American College of Cardiology, 2002, 40, 869-876.	1.2	123
23	Effects of p38 Mitogen-Activated Protein Kinase Inhibition on Vascular and Systemic Inflammation in Patients With Atherosclerosis. JACC: Cardiovascular Imaging, 2012, 5, 911-922.	2.3	123
24	Losmapimod, a novel p38 mitogen-activated protein kinase inhibitor, in non-ST-segment elevation myocardial infarction: a randomised phase 2 trial. Lancet, The, 2014, 384, 1187-1195.	6.3	123
25	IL-6 induces PI 3-kinase and nitric oxide-dependent protection and preserves mitochondrial function in cardiomyocytes. Cardiovascular Research, 2006, 69, 164-177.	1.8	118
26	The regulated assembly of a PKCÉ› complex controls the completion of cytokinesis. Nature Cell Biology, 2008, 10, 891-901.	4.6	113
27	Glycogen Synthase Kinase-3 Inactivation Is Not Required for Ischemic Preconditioning or Postconditioning in the Mouse. Circulation Research, 2008, 103, 307-314.	2.0	111
28	Detection of Intracoronary Thrombus by Magnetic Resonance Imaging in Patients With Acute Myocardial Infarction. Circulation, 2011, 124, 416-424.	1.6	107
29	Coronary Microvascular Dysfunction Is Associated With Myocardial Ischemia and Abnormal Coronary Perfusion During Exercise. Circulation, 2019, 140, 1805-1816.	1.6	107
30	CRH-like peptides protect cardiac myocytes from lethal ischaemic injury. Molecular and Cellular Endocrinology, 1999, 158, 55-63.	1.6	105
31	Mechanism and consequence of the autoactivation of p38Î± mitogen-activated protein kinase promoted by TAB1. Nature Structural and Molecular Biology, 2013, 20, 1182-1190.	3.6	95
32	Thymosin Î²4 facilitates epicardial neovascularization of the injured adult heart. Annals of the New York Academy of Sciences, 2010, 1194, 97-104.	1.8	90
33	The Expression of Constitutively Active Isotypes of Protein Kinase C to Investigate Preconditioning. Journal of Biological Chemistry, 1998, 273, 23072-23079.	1.6	88
34	Polycystic ovary syndrome is associated with severe platelet and endothelial dysfunction in both obese and lean subjects. Atherosclerosis, 2009, 204, 509-514.	0.4	88
35	In vivo myocardial gene transfer: Optimization, evaluation and direct comparison of gene transfer vectors. Basic Research in Cardiology, 2001, 96, 227-236.	2.5	86
36	Comparative Analysis of Circulating Noncoding RNAs Versus Protein Biomarkers in the Detection of Myocardial Injury. Circulation Research, 2019, 125, 328-340.	2.0	86

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37	Nitric oxide-induced cardioprotection in cultured rat ventricular myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H1211-H1217.	1.5	85
38	Lentiviral vectors for delivery of genes into neonatal and adult ventricular cardiac myocytes in vitro and in vivo. Basic Research in Cardiology, 2002, 97, 348-358.	2.5	85
39	Potential of p38-MAPK inhibitors in the treatment of ischaemic heart disease. , 2007, 116, 192-206.		84
40	Activation of Akt during Simulated Ischemia/Reperfusion in Cardiac Myocytes. Biochemical and Biophysical Research Communications, 2000, 270, 947-952.	1.0	83
41	Design and rationale of the MR-INFORM study: stress perfusion cardiovascular magnetic resonance imaging to guide the management of patients with stable coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 77.	1.6	82
42	Appearance of microvascular obstruction on high resolution first-pass perfusion, early and late gadolinium enhancement CMR in patients with acute myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, 33.	1.6	81
43	Quantifying the Release of Biomarkers of Myocardial Necrosis from Cardiac Myocytes and Intact Myocardium. Clinical Chemistry, 2017, 63, 990-996.	1.5	81
44	Native T1 and T2 mapping by CMR in lupus myocarditis: Disease recognition and response to treatment. International Journal of Cardiology, 2016, 222, 717-726.	0.8	75
45	Remote ischaemic preconditioning in coronary artery bypass surgery: a meta-analysis. Heart, 2012, 98, 1267-1271.	1.2	74
46	Sustained activation of p42/p44 mitogen-activated protein kinase during recovery from simulated ischaemia mediates adaptive cytoprotection in cardiomyocytes. Biochemical Journal, 2000, 350, 891-899.	1.7	73
47	Exercise-induced ischemia initiates the second window of protection in humans independent of collateral recruitment. Journal of the American College of Cardiology, 2003, 41, 1174-1182.	1.2	73
48	Targeting p38-MAPK in the ischaemic heart: kill or cure?. Current Opinion in Pharmacology, 2008, 8, 141-146.	1.7	72
49	Prognostic Value of Quantitative Stress Perfusion Cardiac Magnetic Resonance. JACC: Cardiovascular Imaging, 2018, 11, 686-694.	2.3	72
50	Identification of Cardiac Myosin-binding Protein C as a Candidate Biomarker of Myocardial Infarction by Proteomics Analysis. Molecular and Cellular Proteomics, 2009, 8, 2687-2699.	2.5	71
51	p42/p44-MAPK and PI3K are sufficient for IL-6 family cytokines/gp130 to signal to hypertrophy and survival in cardiomyocytes in the absence of JAK/STAT activation. Cellular Signalling, 2013, 25, 898-909.	1.7	70
52	Doppler Versus Thermodilution-Derived Coronary Microvascular Resistance to Predict Coronary Microvascular Dysfunction in Patients With Acute Myocardial Infarction or Stable Angina Pectoris. American Journal of Cardiology, 2018, 121, 1-8.	0.7	70
53	Prognostically relevant periprocedural myocardial injury and infarction associated with percutaneous coronary interventions: a Consensus Document of the ESC Working Group on Cellular Biology of the Heart and European Association of Percutaneous Cardiovascular Interventions (EAPCI). European Heart Journal, 2021, 42, 2630-2642.	1.0	69
54	In vivo myocardial gene transfer: optimization and evaluation of intracoronary gene delivery in vivo. Gene Therapy, 2001, 8, 1833-1839.	2.3	68

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55	New Therapeutic Targets in Cardiology. Circulation, 2012, 126, 357-368.	1.6	68
56	Antiischemic Effects of SB203580 Are Mediated Through the Inhibition of p38Î± Mitogen-Activated Protein Kinase. Circulation Research, 2001, 89, 750-752.	2.0	64
57	Direct Comparison of Cardiac Myosin-Binding Protein C With Cardiac Troponins for the Early Diagnosis of Acute Myocardial Infarction. Circulation, 2017, 136, 1495-1508.	1.6	63
58	<scp>p</scp>38 <scp>MAPK</scp> in cardioprotection â€“ are we there yet?. British Journal of Pharmacology, 2015, 172, 2101-2113.	2.7	60
59	Coronary Physiology During Exercise and Vasodilation in the Healthy Heart and in Severe Aortic Stenosis. Journal of the American College of Cardiology, 2016, 68, 688-697.	1.2	60
60	Percutaneous Revascularization for Ischemic Ventricular Dysfunction: Rationale and Design of the REVIVED-BCIS2 Trial. JACC: Heart Failure, 2018, 6, 517-526.	1.9	59
61	Coronary and Microvascular Physiology During Intra-Aortic BalloonÂCounterpulsation. JACC: Cardiovascular Interventions, 2014, 7, 631-640.	1.1	58
62	Future treatment strategies in ST-segment elevation myocardial infarction. Lancet, The, 2013, 382, 644-657.	6.3	56
63	The case for inhibiting p38 mitogen-activated protein kinase in heart failure. Frontiers in Pharmacology, 2015, 6, 102.	1.6	55
64	Improving translational research in sex-specific effects of comorbidities and risk factors in ischaemic heart disease and cardioprotection: position paper and recommendations of the ESC Working Group on Cellular Biology of the Heart. Cardiovascular Research, 2021, 117, 367-385.	1.8	53
65	In mammalian skeletal muscle, phosphorylation of TOMM22 by protein kinase CSNK2/CK2 controls mitophagy. Autophagy, 2018, 14, 311-335.	4.3	51
66	Right atrial pressure: Can it be ignored when calculating fractional flow reserve and collateral flow index?. Journal of the American College of Cardiology, 2004, 44, 2089-2091.	1.2	50
67	Enhanced Vascular Responses to Adrenomedullin in Mice Overexpressing Receptor-Activityâ€“Modifying Protein 2. Circulation Research, 2006, 98, 262-270.	2.0	50
68	Activation of p38 Mitogen-Activated Protein Kinase Contributes to the Early Cardiodepressant Action of Tumor Necrosis Factor. Journal of the American College of Cardiology, 2006, 48, 545-555.	1.2	48
69	Synergistic Adaptations to Exercise in the Systemic and Coronary Circulations That Underlie the Warm-Up Angina Phenomenon. Circulation, 2012, 126, 2565-2574.	1.6	48
70	The effects of cold and exercise on the cardiovascular system. Heart, 2015, 101, 808-820.	1.2	48
71	High-sensitive troponin is associated with subclinical imaging biosignature of inflammatory cardiovascular involvement in systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2018, 77, 1590-1598.	0.5	48
72	Ischemic Preconditioning in Isolated Cells. Circulation Research, 2000, 86, 926-931.	2.0	47

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73	Cardioprotection initiated by reactive oxygen species is dependent on activation of PKCÎµ. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1893-H1899.	1.5	47
74	Cardiac myosin-binding protein C: a potential early biomarker of myocardial injury. Basic Research in Cardiology, 2015, 110, 23.	2.5	47
75	Disulfide-activated protein kinase G Iα regulates cardiac diastolic relaxation and fine-tunes the Frankâ€“Starling response. Nature Communications, 2016, 7, 13187.	5.8	46
76	Transmembrane signalling mechanisms regulating expression of cationic amino acid transporters and inducible nitric oxide synthase in rat vascular smooth muscle cells. Biochemical Journal, 1999, 344, 265-272.	1.7	44
77	Waist-hip ratio and low HDL predict the risk of coronary artery disease in Pakistanis. Current Medical Research and Opinion, 2004, 20, 55-62.	0.9	44
78	Cardioprotection mediated by urocortin is dependent upon PKCÎµ activation. FASEB Journal, 2005, 19, 1-18.	0.2	44
79	Myocardial Adaptation, Stress Proteins, and the Second Window of Protection. Annals of the New York Academy of Sciences, 1996, 793, 123-141.	1.8	43
80	Calcineurin regulates NFAT-dependent iNOS expression and protection of cardiomyocytes: Co-operation with Src tyrosine kinase. Cardiovascular Research, 2006, 71, 672-683.	1.8	43
81	In Vivo Assessment of Aortic Aneurysm Wall Integrity Using Elastin-Specific Molecular Magnetic Resonance Imaging. Circulation: Cardiovascular Imaging, 2014, 7, 679-689.	1.3	43
82	Characterization of the phospholemman knockout mouse heart: depressed left ventricular function with increased Na-K-ATPase activity. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H613-H621.	1.5	42
83	Troponins: Redefining their limits. Heart, 2011, 97, 447-452.	1.2	41
84	From basic mechanisms to clinical applications in heart protection, new players in cardiovascular diseases and cardiac theranostics: meeting report from the third international symposium on â€œNew frontiers in cardiovascular researchâ€. Basic Research in Cardiology, 2016, 111, 69.	2.5	41
85	Restraining Infarct Expansion Preserves Left Ventricular Geometry and Function After Acute Anteroapical Infarction. Circulation, 1999, 100, e152.	1.6	39
86	Gadd45Î³regulates cardiomyocyte death and post-myocardial infarction left ventricular remodelling. Cardiovascular Research, 2015, 108, 254-267.	1.8	39
87	A Chemical Genetic Approach Reveals That p38Î± MAPK Activation by Diphosphorylation Aggravates Myocardial Infarction and Is Prevented by the Direct Binding of SB203580. Journal of Biological Chemistry, 2010, 285, 2968-2975.	1.6	37
88	Tumor necrosis factor-induced protection of the murine heart is independent of p38-MAPK activation. Journal of Molecular and Cellular Cardiology, 2003, 35, 1523-1527.	0.9	36
89	The Role of RIP2 in p38 MAPK Activation in the Stressed Heart. Journal of Biological Chemistry, 2008, 283, 11964-11971.	1.6	35
90	IGF-1 Regulates Cardiac Fibroblast Apoptosis Induced by Osmotic Stress. Biochemical and Biophysical Research Communications, 2000, 273, 322-327.	1.0	34

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91	Paradoxical resistance to myocardial ischemia and age-related cardiomyopathy in NHE1 transgenic mice: A role for ER stress?. Journal of Molecular and Cellular Cardiology, 2009, 46, 225-233.	0.9	33
92	Coronary Microcirculation in Aortic Stenosis. Circulation: Cardiovascular Interventions, 2019, 12, e007547.	1.4	33
93	Attenuation by Heat Stress of a Submaximal Calcium Paradox in the Rabbit Heart. Journal of Molecular and Cellular Cardiology, 1993, 25, 1119-1126.	0.9	32
94	A prospective case-controlled cohort study of endothelial function in patients with moderate to severe psoriasis. British Journal of Dermatology, 2011, 164, 26-32.	1.4	32
95	Varying susceptibility to myocardial infarction among C57BL/6 mice of different genetic background. Journal of Molecular and Cellular Cardiology, 2003, 35, 705-708.	0.9	29
96	The activation of p38alpha, and not p38beta, mitogen-activated protein kinase is required for ischemic preconditioning. Journal of Molecular and Cellular Cardiology, 2010, 48, 1324-1328.	0.9	29
97	Role of G Proteins and Modulation of p38 MAPK Activation in the Protection by Nitric Oxide against Ischemiaâ€“Reoxygenation Injury. Biochemical and Biophysical Research Communications, 2001, 286, 995-1002.	1.0	27
98	Inhibition of p38 MAPK activity fails to attenuate contractile dysfunction in a mouse model of low-flow ischemia. Cardiovascular Research, 2004, 61, 123-131.	1.8	27
99	Measuring left ventricular function in the normal, infarcted and CORM-3-preconditioned mouse heart using complex admittance-derived pressure volume loops. Journal of Pharmacological and Toxicological Methods, 2009, 59, 94-99.	0.3	27
100	Constitutive glycogen synthase kinase-3Î±/Î² activity protects against chronic Î²-adrenergic remodelling of the heart. Cardiovascular Research, 2010, 87, 494-503.	1.8	27
101	Coronary Wave Energy. Circulation: Cardiovascular Interventions, 2013, 6, 166-175.	1.4	27
102	Protein Kinase CÎ¼-Calcineurin Cosignaling Downstream of Toll-Like Receptor 4 Downregulates Fibrosis and Induces Wound Healing Gene Expression in Cardiac Myofibroblasts. Molecular and Cellular Biology, 2014, 34, 574-594.	1.1	27
103	Postinfarction left ventricular remodeling: a pathophysiological and therapeutic review. Cardiovascular Drugs and Therapy, 2000, 14, 243-252.	1.3	26
104	Coronary Collaterals Remain Recruitable After Percutaneous Intervention. Circulation, 2007, 115, 2015-2021.	1.6	26
105	Developing small molecules to inhibit kinases unkind to the heart: p38 MAPK as a case in point. Drug Discovery Today Disease Mechanisms, 2010, 7, e123-e127.	0.8	26
106	The development and application of a high-sensitivity immunoassay for cardiac myosinâ€“binding protein C. Translational Research, 2016, 170, 17-25.e5.	2.2	25
107	Therapeutic potential of ischaemic preconditioning. British Journal of Clinical Pharmacology, 2000, 50, 87-97.	1.1	24
108	The Study Of LoSmapimod treatment on inflammation and InfarCtSizE (SOLSTICE): Design and rationale. American Heart Journal, 2012, 164, 646-653.e3.	1.2	24

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109	Cardiovascular Biomarkers in the Early Discrimination of Type 2 Myocardial Infarction. JAMA Cardiology, 2021, 6, 771.	3.0	24
110	Redox-dependent dimerization of p38Î± mitogen-activated protein kinase with mitogen-activated protein kinase kinase 3. Journal of Biological Chemistry, 2017, 292, 16161-16173.	1.6	24
111	Sustained activation of p42/p44 mitogen-activated protein kinase during recovery from simulated ischaemia mediates adaptive cytoprotection in cardiomyocytes. Biochemical Journal, 2000, 350, 891.	1.7	23
112	Regulation of Hsp27 expression and cell survival by the POU transcription factor Brn3a. Cell Death and Differentiation, 2004, 11, 1242-1244.	5.0	23
113	The use of proteomics to identify novel therapeutic targets for the treatment of diseaseâ€. Journal of Pharmacy and Pharmacology, 2010, 59, 609-628.	1.2	22
114	The immune responses to human and microbial heat shock proteins in periodontal disease with and without coronary heart disease. Clinical and Experimental Immunology, 2005, 142, 051018021550003.	1.1	21
115	The relationship between p38 mitogen-activated protein kinase and AMP-activated protein kinase during myocardial ischemia. Cardiovascular Research, 2007, 76, 465-472.	1.8	21
116	â€˜Warm-up Anginaâ€™: harnessing the benefits of exercise and myocardial ischaemia. Heart, 2014, 100, 106-114.	1.2	21
117	Physiology of Angina and Its Alleviation With Nitroglycerin. Circulation, 2017, 136, 24-34.	1.6	21
118	The open artery hypothesis: Potential mechanisms of action. Progress in Cardiovascular Diseases, 2000, 42, 419-438.	1.6	20
119	MAPKAPK-2 modulates p38-MAPK localization and small heat shock protein phosphorylation but does not mediate the injury associated with p38-MAPK activation during myocardial ischemia. Cell Stress and Chaperones, 2009, 14, 477-489.	1.2	20
120	Ischaemic postconditioning: cardiac protection after the event. Anaesthesia, 2015, 70, 598-612.	1.8	20
121	Cardioprotection by an anti-MASP-2 antibody in a murine model of myocardial infarction. Open Heart, 2018, 5, e000652.	0.9	19
122	TAB1-Induced Autoactivation of p38Î± Mitogen-Activated Protein Kinase Is Crucially Dependent on Threonine 185. Molecular and Cellular Biology, 2018, 38, .	1.1	19
123	Transmembrane signalling mechanisms regulating expression of cationic amino acid transporters and inducible nitric oxide synthase in rat vascular smooth muscle cells. Biochemical Journal, 1999, 344, 265.	1.7	18
124	Antimycin A induced cardioprotection is dependent on pre-ischemic p38-MAPK activation but independent of MKK3. Journal of Molecular and Cellular Cardiology, 2005, 39, 709-717.	0.9	18
125	Advancements in pressureâ€“volume catheter technology â€“ stress remodelling after infarction. Experimental Physiology, 2013, 98, 614-621.	0.9	18
126	Mining the PDB for Tractable Cases Where X-ray Crystallography Combined with Fragment Screens Can Be Used to Systematically Design Proteinâ€“Protein Inhibitors: Two Test Cases Illustrated by IL1Î²-IL1R and p38Î±â€“TAB1 Complexes. Journal of Medicinal Chemistry, 2020, 63, 7559-7568.	2.9	18

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127	An in vivo model of ischaemiaâ€“reperfusion injury and ischaemic preconditioning in the mouse heart. Journal of Pharmacological and Toxicological Methods, 2002, 48, 161-169.	0.3	17
128	Pharmacological postconditioning effect of muramyl dipeptide is mediated through RIP2 and TAK1. Cardiovascular Research, 2009, 83, 277-284.	1.8	17
129	Loss of Protein Kinase Novel 1 (PKN1) is associated with mild systolic and diastolic contractile dysfunction, increased phospholamban Thr17 phosphorylation, and exacerbated ischaemia-reperfusion injury. Cardiovascular Research, 2018, 114, 138-157.	1.8	17
130	Impact and Determinants of High-Sensitivity Cardiac Troponin-T Concentration in Patients With COVID-19 Admitted to Critical Care. American Journal of Cardiology, 2021, 147, 129-136.	0.7	17
131	A model of closed chest regional myocardial infarction in the rabbit: a clinically relevant in vivo assay system of post-infarction remodelling. Basic Research in Cardiology, 2002, 97, 374-383.	2.5	16
132	Specificity of action of bisindolylmaleimide protein kinase C inhibitors: do they inhibit the 70kDa ribosomal S6 kinase in cardiac myocytes?. Biochemical Pharmacology, 2004, 68, 1923-1928.	2.0	15
133	Temporal Relationship between Cardiac Myosin-Binding Protein C and Cardiac Troponin I in Type 1 Myocardial Infarction. Clinical Chemistry, 2016, 62, 1153-1155.	1.5	15
134	Cardiac myosin-binding protein C is a novel marker of myocardial injury and fibrosis in aortic stenosis. Heart, 2018, 104, 1101-1108.	1.2	15
135	The TAB1-p38Î± complex aggravates myocardial injury and can be targeted by small molecules. JCI Insight, 2018, 3, .	2.3	15
136	Post-infarction remodeling is independent of mitogen-activated protein kinase kinase 3 (MKK3). Cardiovascular Research, 2007, 74, 466-470.	1.8	14
137	Cardiac Myosin-Binding Protein Câ€”From Bench to Improved Diagnosis of Acute Myocardial Infarction. Cardiovascular Drugs and Therapy, 2019, 33, 221-230.	1.3	14
138	The effect of an angiotensin-converting enzyme inhibitor and a K+ATP channel opener on warm up angina. European Heart Journal, 2005, 26, 598-606.	1.0	13
139	Myocardial stress remodelling after regional infarction is independent of glycogen synthase kinase-3 inactivation. Journal of Molecular and Cellular Cardiology, 2010, 49, 897-900.	0.9	13
140	Cardiac Myosinâ€Binding Protein C to Diagnose Acute Myocardial Infarction in the Preâ€Hospital Setting. Journal of the American Heart Association, 2019, 8, e013152.	1.6	13
141	Cardiac troponin and defining myocardial infarction. Cardiovascular Research, 2021, 117, 2203-2215.	1.8	13
142	Transoesophageal echocardiography in the diagnosis of paradoxical embolism. International Journal of Cardiology, 1992, 34, 283-288.	0.8	12
143	Contrast-enhanced magnetic resonance imaging for the detection of ruptured coronary plaques in patients with acute myocardial infarction. PLoS ONE, 2017, 12, e0188292.	1.1	12
144	Cardiac expression of Brn-3a and Brn-3b POU transcription factors and regulation of Hsp27 gene expression. Cell Stress and Chaperones, 2008, 13, 297-312.	1.2	11

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145	Troponins and other biomarkers in the early diagnosis of acute myocardial infarction. Postgraduate Medical Journal, 2015, 91, 322-330.	0.9	11
146	A single centre prospective cohort study addressing the effect of a rule-in/rule-out troponin algorithm on routine clinical practice. European Heart Journal: Acute Cardiovascular Care, 2019, 8, 404-411.	0.4	11
147	Influence of isoprostane F2Î±-III on reflow after myocardial infarction. European Heart Journal, 2004, 25, 847-853.	1.0	10
148	Pro-protein convertase subtilisin/kexin 9 concentrations correlate with coronary artery disease atheroma burden in a Pakistani cohort with chronic chest pain. International Journal of Clinical Practice, 2015, 69, 738-742.	0.8	10
149	p38Î³ MAPK contributes to left ventricular remodeling after pathologic stress and disinhibits calpain through phosphorylation of calpastatin. FASEB Journal, 2019, 33, 13131-13144.	0.2	10
150	Mef2c factors are required for early but not late addition of cardiomyocytes to the ventricle. Developmental Biology, 2021, 470, 95-107.	0.9	10
151	Circadian rhythms in ischaemic heart disease: key aspects for preclinical and translational research: position paper of the ESC working group on cellular biology of the heart. Cardiovascular Research, 2021, , .	1.8	10
152	Aortocoronary dissection complicating angioplasty of chronically occluded right coronary arteries: Is a conservative approach the right approach?. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 230-231.	0.4	9
153	Limitations of the MRL mouse as a model for cardiac regeneration. Journal of Pharmacy and Pharmacology, 2011, 63, 648-656.	1.2	9
154	Enhancing coronary Wave Intensity Analysis robustness by high order central finite differences. Artery Research, 2014, 8, 98.	0.3	9
155	Accurate and Standardized Coronary Wave Intensity Analysis. IEEE Transactions on Biomedical Engineering, 2017, 64, 1187-1196.	2.5	9
156	Hypoxic preconditioning of ischaemic myocardium. Cardiovascular Research, 1992, 26, 556-557.	1.8	8
157	I f at first you don't succeed tryÂâ€¦Âa new target in the treatment of anginaThe opinions expressed in this article are not necessarily those of the Editors of the European Heart Journal or of the European Society of Cardiology.. European Heart Journal, 2005, 26, 2482-2483.	1.0	8
158	Waist circumference, metabolic syndrome and coronary artery disease in a Pakistani cohort. International Journal of Cardiology, 2008, 128, 77-82.	0.8	8
159	A role for mitogen kinase kinase 3 in pulmonary inflammation validated from a proteomic approach. Pulmonary Pharmacology and Therapeutics, 2014, 27, 156-163.	1.1	8
160	Biological variation of cardiac myosin-binding protein C in healthy individuals. Clinical Chemistry and Laboratory Medicine, 2022, 60, 576-583.	1.4	8
161	Sphingosine kinase isoforms and cardiac protection. Cardiovascular Research, 2007, 76, 3-4.	1.8	7
162	Utility of wearable physical activity monitors in cardiovascular disease: a systematic review of 11Â464 patients and recommendations for optimal use. European Heart Journal Digital Health, 2021, 2, 231-243.	0.7	7

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163	Lizard Spit and Reperfusion InjuryâŽâŽEditorials published in the Journal of the American College of Cardiology reflect the views of the authors and do not necessarily represent the views of JACC or the American College of Cardiology.. Journal of the American College of Cardiology, 2009, 53, 511-513.	1.2	6
164	Deleterious Effects of Cold Air Inhalation on Coronary Physiological Indices in Patients With Obstructive Coronary Artery Disease. Journal of the American Heart Association, 2018, 7, e008837.	1.6	6
165	OUP accepted manuscript. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 963-965.	0.4	6
166	Biological variation, reference change values and index of individuality of GDF-15. Clinical Chemistry and Laboratory Medicine, 2022, 60, 593-596.	1.4	6
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