Calculation of coronary vascular resistance

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Citation Report

#	Article	IF	Citations
1	Regional myocardial blood flow and coronary vasodilator reserve during acute right ventricular failure due to pressure overload in swine. Journal of Surgical Research, 1981, 31, 382-391.	1.6	9
2	Effect of atrial systole on canine and porcine coronary blood flow.. Circulation Research, 1981, 49, 701-710.	4.5	6
3	The effect of generalized alpha-receptor stimulation on regional myocardial blood flow distal to a severe coronary artery stenosis.. Circulation, 1982, 65, 1329-1336.	1.6	24
4	Phasic coronary blood flow velocity in intramural and epicardial coronary arteries.. Circulation Research, 1982, 50, 775-781.	4.5	185
5	Influence of autoregulation and capacitance on diastolic coronary artery pressure-flow relationships in the dog.. Circulation Research, 1982, 51, 261-270.	4.5	82
6	INTERACTION BETWEEN REGIONAL MYOCARDIAL ISCHAEMIA AND LEFT VENTRICULAR PERFORMANCE UNDER HALOTHANE ANAESTHESIA *. British Journal of Anaesthesia, 1982, 54, 965-980.	3.4	32
7	Exercise-induced decrease in flow through stenotic coronary arteries in the dog. American Journal of Cardiology, 1982, 50, 1409-1413.	1.6	17
8	Pressure-flow relations of arterial system and heart. Journal of Biomechanics, 1982, 15, 795.	2.1	0
9	Coronary vascular responses to vasodilator drugs. Progress in Cardiovascular Diseases, 1982, 24, 419-436.	3.1	21
10	Regional myocardial blood flow and coronary vascular reserve in unanesthetized ponies during pacing-induced ventricular tachycardia. Journal of Surgical Research, 1983, 35, 119-131.	1.6	14
11	The effects of cardiac sympathetic nerve stimulation on perfusion of stenotic coronary arteries in the dog.. Circulation Research, 1983, 53, 8-15.	4.5	235
12	Effect of descending thoracic aorta clamping and unclamping on phasic coronary blood flow. Journal of Surgical Research, 1984, 36, 17-24.	1.6	11
13	Identification of canine coronary resistance and intramyocardial compliance on the basis of the waterfall model. Annals of Biomedical Engineering, 1985, 13, 385-404.	2.5	37
14	Effect of vasopressin on phasic coronary blood flow. Basic Research in Cardiology, 1985, 80, 221-230.	5.9	4
15	Parameter Estimation in the Stenosed Coronary Circulatory System. IEEE Transactions on Biomedical Engineering, 1985, BME-32, 798-805.	4.2	2
16	Coronary Haemodynamic Effects of Surgery during Enfluraneâ€Nitrous Oxide Anaesthesia in Patients with Ischaemic Heart Disease. Acta Anaesthesiologica Scandinavica, 1985, 29, 106-112.	1.6	11
17	Coronary diastolic pressure-flow relation and zero flow pressure explained on the basis of intramyocardial compliance.. Circulation Research, 1985, 56, 293-309.	4.5	210
18	Coronary pressure-flow relationships. Controversial issues and probable implications.. Circulation Research, 1985, 56, 310-323.	4.5	145

#	Article	IF	Citations
19	Effect of nicotine on coronary bloodâ€flow in man. Clinical Physiology, 1985, 5, 541-552.	0.7	57
20	Transmural coronary vasodilator reserve and flow distribution during maximal exercise in normal and splenectomized ponies.. Journal of Physiology, 1987, 387, 425-440.	2.9	21
21	Effects of the pericardium on the diastolic left coronary pressure-flow relationship in the isolated dog heart.. Circulation, 1987, 75, 670-675.	1.6	35
22	Phasic coronary flow during aorto-caval fistula unclamping in dog. Journal of Surgical Research, 1988, 45, 194-203.	1.6	2
23	Endothelial and neuro-humoral control of coronary blood flow in health and disease. Reviews of Physiology, Biochemistry and Pharmacology, 1990, 116, 77-165.	1.6	146
24	Venous waterfalls in coronary circulation. Journal of Theoretical Biology, 1991, 149, 265-279.	1.7	10
25	Intracoronary pressure and flow velocity with sensor-tip guidewires: A new methodologic approach for assessment of coronary hemodynamics before and after coronary interventions. American Journal of Cardiology, 1993, 71, D41-D53.	1.6	140
26	Slope of the instantaneous hyperemic diastolic coronary flow velocity-pressure relation. A new index for assessment of the physiological significance of coronary stenosis in humans.. Circulation, 1994, 90, 1215-1224.	1.6	79
27	Effects of increased and decreased tissue pressure on haemodynamic and capillary events in cat skeletal muscle.. Journal of Physiology, 1994, 481, 163-175.	2.9	19
28	Coronary flow regulation in the fetal sheep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R1249-R1260.	1.8	26
29	Downstream resistance effects of intracoronary thrombosis in the stenosed canine coronary artery. Cardiovascular Research, 1999, 42, 193-200.	3.8	10
30	Diaspirin crosslinked hemoglobin enables extreme hemodilution beyond the critical hematocrit. Critical Care Medicine, 2001, 29, 829-838.	0.9	48
31	Influence of hemodynamic conditions on fractional flow reserve: parametric analysis of underlying model. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H1462-H1470.	3.2	71
32	Hyperoxic ventilation at the critical hematocrit: Effects on myocardial perfusion and function. Acta Anaesthesiologica Scandinavica, 2004, 48, 951-959.	1.6	31
33	Nitric Oxide and Fetal Coronary Regulation. Journal of Cardiac Surgery, 2010, 17, 307-316.	0.7	5
34	PET measurements of myocardial blood flow post myocardial infarction: Relationship to invasive and cardiac magnetic resonance studies and potential clinical applications. Journal of Nuclear Cardiology, 2017, 24, 1883-1892.	2.1	4
35	Women with Stable Angina Pectoris and No Obstructive Coronary Artery Disease: Closer to a Diagnosis. European Cardiology Review, 2017, 12, 14.	2.2	13
36	Coronary circulation: Pressure/flow parameters for assessment of ischemic heart disease. Journal of Nuclear Cardiology, 2019, 26, 459-470.	2.1	6

#	Article	IF	Citations
37	Physiology of Heart Rate. , 2021, , 87-106.		2
38	Pressure-Flow Relations of Arterial System and Heart. , 1982, , 115-126.		0
39	Control of the Coronary Circulation. Developments in Cardiovascular Medicine, 1984, , 797-817.	0.1	0
40	Physiologie der Koronardurchblutung. , 1984, , 1-48.		3
41	Some physiological aspects in the development of cardiac models. Developments in Cardiovascular Medicine, 1985, , 18-34.	0.1	0
42	The instantaneous hyperemic pressure-flow relationship in conscious humans. Developments in Cardiovascular Medicine, 1994, , 247-268.	0.1	4
43	Physiologie der Koronardurchblutung. , 1996, , 80-105.		0
44	Transient effects of quick changes in myocardial metabolism and perfusion pressure on coronary vasomotor responses. Basic Research in Cardiology, 1994, 89, 341-353.	5.9	3