

# Body temperature and acid-base regulation (Review art

Lung

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Failure of prolonged hypocapnia, hypothermia, or hypertension to favorably alter acute stroke in primates.. Stroke, 1977, 8, 87-91.	2.0	118
2	The Optimum pH of Renal Adenosine Triphosphatase and Its Variation with the Type of ATP. Enzyme, 1977, 22, 341-347.	0.7	3
3	Porcine malignant hyperthermia: Role of skeletal muscle in increased oxygen consumption. Canadian Anaesthetists' Society Journal, 1977, 24, 103-109.	0.5	14
4	Acid-base regulation as a function of body temperature in ectothermic toads, a heliothermic lizard, and a heterothermic mammal. Journal of Thermal Biology, 1978, 3, 163-171.	2.5	13
5	Deterimental effect of prolonged hypothermia in cats and monkeys with and without regional cerebral ischemia.. Stroke, 1979, 10, 522-529.	2.0	132
6	Cardiorespiratory effects of hypothermia and bicarbonate alkalosis. Pflugers Archiv European Journal of Physiology, 1980, 388, 79-81.	2.8	2
7	Porcine muscle responses to carbachol, alpha and beta adrenoceptor agonists, halothane or hyperthermia.. Journal of Physiology, 1980, 307, 319-333.	2.9	31
8	A comparative physiological approach to hypothermia. Journal of Thoracic and Cardiovascular Surgery, 1981, 82, 821-831.	0.8	110
9	pH and temperature dependence of glutamine uptake, carbon dioxide and ammonia production in kidney slices from acidotic rats.. Journal of Physiology, 1981, 316, 251-261.	2.9	6
10	Relationship of whole body oxygen consumption to perfusion flow rate during hypothermic cardiopulmonary bypass. Journal of Thoracic and Cardiovascular Surgery, 1982, 83, 239-248.	0.8	119
11	II. Assessment of adequacy of myocardial preservation. Journal of Thoracic and Cardiovascular Surgery, 1983, 86, 667-678.	0.8	81
12	Relationship of brain blood flow and oxygen consumption to perfusion flow rate during profoundly hypothermic cardiopulmonary bypass. Journal of Thoracic and Cardiovascular Surgery, 1984, 87, 658-664.	0.8	145
13	On-Line Metabolic Monitoring of the Heart During Cardiac Surgery. Surgical Clinics of North America, 1985, 65, 439-453.	1.5	15
14	Brain Luxury Perfusion during Cardiopulmonary Bypass in Humans. A Study of the Cerebral Blood Flow Response to Changes in CO <sub>2</sub> , O <sub>2</sub> , and Blood Pressure. Journal of Cerebral Blood Flow and Metabolism, 1986, 6, 366-378.	4.3	101
15	Review article : Acid-base status, hypothermia and cardiac surgery. Perfusion (United Kingdom), 1986, 1, 231-238.	1.0	17
16	Maximal Oxygenation of Dilute Blood Cardioplegic Solution. Annals of Thoracic Surgery, 1987, 44, 48-52.	1.3	8
17	Blood changes in Bufo cognatus following acute heat stress. Comparative Biochemistry and Physiology A, Comparative Physiology, 1987, 87, 461-466.	0.6	2
18	Oxygenation of cardioplegic solutions. Journal of Thoracic and Cardiovascular Surgery, 1987, 94, 614-625.	0.8	12

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19	Extreme metabolic acidosis. Acta Anaesthesiologica Scandinavica, 1987, 31, 557-558.	1.6	1
20	Surgical hypothermia. , 1988, 38, 169-200.		18
21	Con: Blood gases should not be corrected for temperature during hypothermic cardiopulmonary bypass: Î±-stat mode. Journal of Cardiothoracic and Vascular Anesthesia, 1988, 2, 705-707.	0.2	21
22	The oxygen- and acid-base status during hypothermic cardiopulmonary bypass. Scandinavian Journal of Clinical and Laboratory Investigation, 1988, 48, 63-71.	1.2	2
23	Systemic oxygen uptake during hypothermic cardiopulmonary bypass. Journal of Thoracic and Cardiovascular Surgery, 1989, 98, 757-768.	0.8	45
24	The effect of age on cerebral blood flow during hypothermic cardiopulmonary bypass. Journal of Thoracic and Cardiovascular Surgery, 1989, 97, 541-547.	0.8	34
25	Assessment of acid-base disturbances in hypothermia and their physiologic consequences. Annals of Emergency Medicine, 1989, 18, 72-82.	0.6	44
26	Thermoregulatory Failure in the Elderly. Journal of the American Geriatrics Society, 1990, 38, 899-906.	2.6	22
27	Changes in hemodynamic variables during hypothermic cardiopulmonary bypass. Journal of Thoracic and Cardiovascular Surgery, 1990, 100, 134-144.	0.8	23
28	Effect of Pco <sub>2</sub> -adjusted pH on the neonatal heart during hypothermic perfusion and ischemia. Journal of Thoracic and Cardiovascular Surgery, 1990, 100, 902-909.	0.8	7
29	ACID-BASE MANAGEMENT DURING HYPOTHERMIC CARDIOPULMONARY BYPASS DOES NOT AFFECT CEREBRAL METABOLISM BUT DOES AFFECT BLOOD FLOW AND NEUROLOGICAL OUTCOME. British Journal of Anaesthesia, 1992, 69, 51-57.	3.4	121
30	Blood Gas Tensions, Acidâ€base Status, Heart Rates, and Venous Profiles in Exercising Horses with Laryngeal Hemiplegia Before and After Corrective Surgery. Veterinary Surgery, 1993, 22, 177-183.	1.0	33
31	Controle Ã¡cido-bÃ¡sico na hipotermia. Brazilian Journal of Cardiovascular Surgery, 1993, 8, 189-194.	0.6	0
32	Accidental Hypothermia. New England Journal of Medicine, 1994, 331, 1756-1760.	27.0	434
33	Aminosulfonic acid buffer preserves myocardium during prolonged ischemia. Annals of Thoracic Surgery, 1994, 57, 1590-1595.	1.3	3
34	Environment-dependent sports emergencies. Medical Clinics of North America, 1994, 78, 305-325.	2.5	14
36	Acid-base regulation, alpha-stat, and the emperor's new clothes. Journal of Cardiothoracic and Vascular Anesthesia, 1997, 11, 282-288.	1.3	22
37	Influence of arterial carbon dioxide tension on systemic vascular resistance in patients undergoing cardiopulmonary bypass. Acta Anaesthesiologica Scandinavica, 1998, 42, 167-171.	1.6	10

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38	Normal 17-Month Outcome of a Severely Hypothermic Term Neonate. <i>Clinical Pediatrics</i> , 1998, 37, 191-195.	0.8	3
39	History of nutrition and acid-base physiology. <i>European Journal of Nutrition</i> , 2001, 40, 189-199.	3.9	20
40	Hypothermia and stroke: the pathophysiological background. <i>Pathophysiology</i> , 2003, 10, 7-35.	2.2	77
41	Comparison of pH-Stat Versus Alpha-Stat During Hypothermic Cardiopulmonary Bypass in the Prevention and Control of Acidosis in Cardiac Surgery. <i>Artificial Organs</i> , 2004, 28, 347-352.	1.9	11
43	Oxygen delivery and return of spontaneous circulation with ventilation:compression ratio 2:30 versus chest compressions only CPR in pigs. <i>Resuscitation</i> , 2004, 60, 309-318.	3.0	125
44	Arterial blood gas management during cardiopulmonary bypass. <i>Indian Journal of Clinical Biochemistry</i> , 2005, 20, 98-102.	1.9	3
45	pKa of Fentanyl Varies With Temperature: Implications for Acid-Base Management During Extremes of Body Temperature. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005, 19, 759-762.	1.3	28
46	CO <sub>2</sub> /H <sup>+</sup> Homeostasis: Role of Central and Peripheral Chemoreceptors in Adult Mammals. , 2007, , 229-240.		0
47	Effect of alpha-stat vs. pH-stat strategies on cerebral oximetry during moderate hypothermic cardiopulmonary bypass. <i>European Journal of Anaesthesiology</i> , 2007, 24, 15-19.	1.7	10
48	Effect of alpha-stat vs. pH-stat strategies on cerebral oximetry during moderate hypothermic cardiopulmonary bypass. <i>European Journal of Anaesthesiology</i> , 2007, 24, 15.	1.7	10
49	Hydrogen ion concentration and coronary artery bypass graft surgery with and without cardiopulmonary bypass. <i>Journal of Cardiothoracic Surgery</i> , 2013, 8, 184.	1.1	2
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52	Accidental hypothermia—“an update. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2016, 24, 111.	2.6	212
53	Accidental hypothermia. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 157, 547-563.	1.8	34
54	Limits and patterns of acid-base regulation during elevated environmental CO <sub>2</sub> in fish. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 236, 110524.	1.8	15
55	Acid-base management during hypothermic circulatory arrest for cardiac surgery. <i>Developments in Critical Care Medicine and Anesthesiology</i> , 1985, , 81-106.	0.1	7
56	Hydrogen ion regulation during hypothermia: from the Amazon to the operating room. , 1982, , 1-15.		12

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58	Accidental Hypothermia. , 2007, , 125-160.		11
59	Anesthesia for Cardiac Surgical Procedures. , 2010, , 1889-1975.		10
60	The effect of pH on the hypothermic ventricular fibrillation threshold. Journal of Thoracic and Cardiovascular Surgery, 1984, 87, 445-451.	0.8	49
61	Determinants of Carbon Dioxide Tension. , 2005, , 47-77.		4
63	Kreislauf. Springer-Lehrbuch, 2004, , 269-298.	0.0	0
64	Determinants of Carbon Dioxide Tension. , 2005, , 69-100.		1
65	Neuroprotective strategies during cardiac surgery involving cardiopulmonary bypass. Journal of the Japanese Society of Intensive Care Medicine, 2007, 14, 27-35.	0.0	0
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67	Hypothermia and Cardiac Surgery. , 1986, , 129-134.		0
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72	Physiology and pharmacology of hypothermia. Western Journal of Medicine, 1983, 138, 227-32.	0.3	108
73	Theophylline-induced fluid and electrolyte secretion by rabbit ileum results from negative anomalous osmotic flow across the tight-junction [proceedings]. Journal of Physiology, 1976, 263, 195P-197P.	2.9	1