

Naoyuki Hirata

List of Publications by Year in descending order

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45
papers

800
citations

687363

13
h-index

526287

27
g-index

48
all docs

48
docs citations

48
times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Effects of Propofol and Sevoflurane on Heart Rate Variability. <i>Anesthesiology</i> , 2003, 98, 34-40.	2.5	235
2	Safety and efficacy of remimazolam in induction and maintenance of general anesthesia in high-risk surgical patients (ASA Class III): results of a multicenter, randomized, double-blind, parallel-group comparative trial. <i>Journal of Anesthesia</i> , 2020, 34, 491-501.	1.7	120
3	Isoflurane Differentially Modulates Mitochondrial Reactive Oxygen Species Production <i>via</i> Forward <i>versus</i> Reverse Electron Transport Flow. <i>Anesthesiology</i> , 2011, 115, 531-540.	2.5	65
4	Remote ischemic preconditioning reduces myocardial ischemia-reperfusion injury through unacylated ghrelin-induced activation of the JAK/STAT pathway. <i>Basic Research in Cardiology</i> , 2020, 115, 50.	5.9	35
5	Dexmedetomidine Maintains Its Direct Cardioprotective Effect Against Ischemia/Reperfusion Injury in Hypertensive Hypertrophied Myocardium. <i>Anesthesia and Analgesia</i> , 2018, 126, 443-452.	2.2	32
6	Effets cardioprotecteurs du propofol dans des cœurs ischémiques puis reperfusés isolés chez le cobaye: rôle des canaux KATP et du GSK GSK-3 β . <i>Canadian Journal of Anaesthesia</i> , 2008, 55, 595-605.	1.6	31
7	Complex I and ATP synthase mediate membrane depolarization and matrix acidification by isoflurane in mitochondria. <i>European Journal of Pharmacology</i> , 2012, 690, 149-157.	3.5	27
8	Cardioprotective effect and mechanism of action of landiolol on the ischemic reperfused heart. <i>Journal of Anesthesia</i> , 2007, 21, 480-489.	1.7	26
9	Differential Effects of Propofol and Sevoflurane on Ischemia-induced Ventricular Arrhythmias and Phosphorylated Connexin 43 Protein in Rats. <i>Anesthesiology</i> , 2009, 110, 50-57.	2.5	25
10	Monitoring mitochondrial electron fluxes using NAD(P)H-flavoprotein fluorometry reveals complex action of isoflurane on cardiomyocytes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1749-1758.	1.0	23
11	Remimazolam anesthesia for cardiac surgery with cardiopulmonary bypass: a case report. <i>JA Clinical Reports</i> , 2021, 7, 21.	0.7	20
12	Differential effects of remimazolam and propofol on heart rate variability during anesthesia induction. <i>Journal of Anesthesia</i> , 2022, 36, 239-245.	1.7	19
13	Identification of Candidate Genes and Pathways in Dexmedetomidine-Induced Cardioprotection in the Rat Heart by Bioinformatics Analysis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1614.	4.1	14
14	How to administer remimazolam for anesthesia induction. <i>Journal of Anesthesia</i> , 2020, 34, 962-962.	1.7	14
15	Video Glasses Reduce Preoperative Anxiety Compared With Portable Multimedia Player in Children: A Randomized Controlled Trial. <i>Journal of Perianesthesia Nursing</i> , 2020, 35, 321-325.	0.7	13
16	Movements of the double-lumen endotracheal tube due to lateral position with head rotation and tube fixation: a Thiel-embalmed cadaver study. <i>Surgical and Radiologic Anatomy</i> , 2015, 37, 841-844.	1.2	11
17	Remimazolam Anesthesia for MitraClip Implantation in a Patient with Advanced Heart Failure. <i>Case Reports in Anesthesiology</i> , 2021, 2021, 1-4.	0.4	10
18	Quantitative characterization of changes in the cardiac mitochondrial proteome during anesthetic preconditioning and ischemia. <i>Physiological Genomics</i> , 2013, 45, 163-170.	2.3	9

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19	Effect of remifentanyl during cardiopulmonary bypass on incidence of acute kidney injury after cardiac surgery. <i>Journal of Anesthesia</i> , 2017, 31, 895-902.	1.7	8
20	Heart rate variability during abdominal surgical manipulation under general and epidural anesthesia. <i>Journal of Anesthesia</i> , 2012, 26, 900-904.	1.7	7
21	Dexmedetomidine Does Not Affect Platelet Function Measured With TEG 6S and Platelet Mapping Assay in Whole Blood. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, e9-e11.	1.3	7
22	Nitrite Reduces Ischemia-Induced Ventricular Arrhythmias by Attenuating Connexin 43 Dephosphorylation in Rats. <i>Anesthesia and Analgesia</i> , 2016, 122, 410-417.	2.2	6
23	Pulmonary embolism caused by a carbon dioxide blower during off-pump coronary artery bypass grafting. <i>Journal of Anesthesia</i> , 2010, 24, 114-116.	1.7	5
24	Low-dose continuous infusion of landiolol can reduce adrenergic response during tracheal intubation in elderly patients with cardiovascular disease. <i>Journal of Anesthesia</i> , 2010, 24, 786-788.	1.7	5
25	Unexpected tachycardia and hypertension during anesthetic induction with remimazolam in cardiac surgery: a case report. <i>JA Clinical Reports</i> , 2021, 7, 58.	0.7	5
26	Fluid resuscitation with hydroxyethyl starch in perioperative acute hemorrhagic shock. <i>Journal of Anesthesia</i> , 2020, 34, 317-319.	1.7	4
27	Effect of remimazolam on intraoperative neuromonitoring during thyroid surgery: a case series. <i>Journal of Anesthesia</i> , 2021, 35, 581-585.	1.7	4
28	Recombinant human thrombomodulin for pneumonia-induced severe ARDS complicated by DIC in children: a preliminary study. <i>Journal of Anesthesia</i> , 2021, 35, 638-645.	1.7	4
29	Nitrite administration improves sepsis-induced myocardial and mitochondrial dysfunction by modulating stress signal responses. <i>Journal of Anesthesia</i> , 2017, 31, 885-894.	1.7	3
30	Reply to the letter. <i>Journal of Anesthesia</i> , 2021, 35, 162-162.	1.7	3
31	Cardiovascular considerations for anesthesiologists during the COVID-19 pandemic. <i>Journal of Anesthesia</i> , 2021, 35, 361-365.	1.7	3
32	Tuberculous pneumonia-induced severe ARDS complicated with DIC in a female child: a case of successful treatment. <i>BMC Infectious Diseases</i> , 2018, 18, 294.	2.9	2
33	Acute Hypobaric and Hypoxic Preconditioning Reduces Myocardial Ischemia-Reperfusion Injury in Rats. <i>Cardiology Research and Practice</i> , 2021, 2021, 1-7.	1.1	2
34	Substrate-dependent modulation of oxidative phosphorylation in isolated mitochondria following in vitro hypoxia and reoxygenation injury. <i>Experimental and Clinical Cardiology</i> , 2013, 18, 158-60.	1.3	2
35	Biphasic Effect of Propofol on Heart Rate Variability. <i>Anesthesiology</i> , 2002, 96, A160.	2.5	1
36	Complex I and FOF1-ATP Synthase Mediate Membrane Depolarization and Matrix Acidification by Isoflurane in Mitochondria. <i>Biophysical Journal</i> , 2010, 98, 736a.	0.5	0

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37	Dealing with a broken bottle of desflurane. <i>Journal of Anesthesia</i> , 2014, 28, 322-322.	1.7	0
38	Efficacy of Desflurane for Early Recovery and Early Detection of Neurological Abnormality in Spinal Surgery. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2015, 35, 393-398.	0.0	0
39	Assessing the validity of a linear inflation method in noninvasive blood pressure monitoring during the induction period of general anaesthesia. <i>Journal of Perioperative Practice</i> , 2020, 31, 175045892095791.	0.5	0
40	Near-infrared spectroscopy monitoring during one-lung ventilation in idiopathic pulmonary fibrosis. <i>Anaesthesia and Intensive Care</i> , 2021, 49, 0310057X2110278.	0.7	0
41	Effects of Propofol on Bispectral Index and Heart-Rate Variability.. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2002, 22, 270-274.	0.0	0
42	Propofol and Cardioprotection against Arrhythmias. <i>Anesthesiology</i> , 2009, 111, 448-448.	2.5	0
43	Desflurane May Change Strategies for Induction and Maintenance of Anesthesia in Japan. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2013, 33, 742-749.	0.0	0
44	Improvement of Generic Sevoflurane by a New Production Process. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 495-501.	0.7	0
45	Angiotensin II Receptor Blocker versus Angiotensin-Converting Enzyme Inhibitor for Postoperative Acute Kidney Injury after Cardiac Surgery. <i>Journal of Anesthesia & Clinical Research</i> , 2018, 09, .	0.1	0