

Albert Dahan

List of Publications by Year in descending order

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406
papers

18,744
citations

12328

69
h-index

20358

116
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486
all docs

486
docs citations

486
times ranked

13625
citing authors

#	ARTICLE	IF	CITATIONS
1	Opioids and the Management of Chronic Severe Pain in the Elderly: Consensus Statement of an International Expert Panel with Focus on the Six Clinically Most Often Used World Health Organization step III Opioids (Buprenorphine, Fentanyl, Hydromorphone, Methadone, Morphine,) Tj ETQq1 1 0.784314 rgBT 710 Overlock	19	710
2	Incidence, Reversal, and Prevention of Opioid-induced Respiratory Depression. <i>Anesthesiology</i> , 2010, 112, 226-238.	2.5	503
3	Assessment and manifestation of central sensitisation across different chronic pain conditions. <i>European Journal of Pain</i> , 2018, 22, 216-241.	2.8	411
4	Ketamine produces effective and long-term pain relief in patients with Complex Regional Pain Syndrome Type 1. <i>Pain</i> , 2009, 145, 304-311.	4.2	375
5	Sex Differences in Morphine Analgesia. <i>Anesthesiology</i> , 2000, 93, 1245-1254.	2.5	367
6	Ketamine for chronic pain: risks and benefits. <i>British Journal of Clinical Pharmacology</i> , 2014, 77, 357-367.	2.4	344
7	The Ventilatory Response to Hypoxia in Mammals: Mechanisms, Measurement, and Analysis. <i>Physiological Reviews</i> , 2010, 90, 675-754.	28.8	309
8	Permutation entropy of the electroencephalogram: a measure of anaesthetic drug effect. <i>British Journal of Anaesthesia</i> , 2008, 101, 810-821.	3.4	303
9	Buprenorphine induces ceiling in respiratory depression but not in analgesia. <i>British Journal of Anaesthesia</i> , 2006, 96, 627-632.	3.4	287
10	Comparison of the respiratory effects of intravenous buprenorphine and fentanyl in humans and rats. <i>British Journal of Anaesthesia</i> , 2005, 94, 825-834.	3.4	269
11	Expression of c-fos in the rat brainstem after exposure to hypoxia and to normoxic and hyperoxic hypercapnia. , 1997, 388, 169-190.		265
12	Assessment of middle cerebral artery diameter during hypocapnia and hypercapnia in humans using ultra-high-field MRI. <i>Journal of Applied Physiology</i> , 2014, 117, 1084-1089.	2.5	246
13	Current Knowledge of Buprenorphine and Its Unique Pharmacological Profile. <i>Pain Practice</i> , 2010, 10, 428-450.	1.9	244
14	Evaluation of surgical conditions during laparoscopic surgery in patients with moderate vs deep neuromuscular block. <i>British Journal of Anaesthesia</i> , 2014, 112, 498-505.	3.4	222
15	Gender Differences in Opioid-mediated Analgesia. <i>Anesthesiology</i> , 2000, 93, 539-547.	2.5	217
16	Melanocortin-1 receptor gene variants affect pain and μ -opioid analgesia in mice and humans. <i>Journal of Medical Genetics</i> , 2005, 42, 583-587.	3.2	215
17	Do sex differences exist in opioid analgesia? A systematic review and meta-analysis of human experimental and clinical studies. <i>Pain</i> , 2010, 151, 61-68.	4.2	200
18	Mice lacking multidrug resistance protein 3 show altered morphine pharmacokinetics and morphine-6-glucuronide antinociception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7274-7279.	7.1	191

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19	Tapentadol potentiates descending pain inhibition in chronic pain patients with diabetic polyneuropathy. <i>British Journal of Anaesthesia</i> , 2014, 113, 148-156.	3.4	173
20	Sex-related Differences in the Influence of Morphine on Ventilatory Control in Humans. <i>Anesthesiology</i> , 1998, 88, 903-913.	2.5	165
21	Non-Analgesic Effects of Opioids: Opioid-induced Respiratory Depression. <i>Current Pharmaceutical Design</i> , 2012, 18, 5994-6004.	1.9	157
22	An experimental randomized study on the analgesic effects of pharmaceutical-grade cannabis in chronic pain patients with fibromyalgia. <i>Pain</i> , 2019, 160, 860-869.	4.2	156
23	Pharmacokinetic-Pharmacodynamic Modeling of Morphine-6-glucuronide-induced Analgesia in Healthy Volunteers. <i>Anesthesiology</i> , 2004, 100, 120-133.	2.5	152
24	Deep neuromuscular block to optimize surgical space conditions during laparoscopic surgery: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2017, 118, 834-842.	3.4	152
25	Differences between opioids: pharmacological, experimental, clinical and economical perspectives. <i>British Journal of Clinical Pharmacology</i> , 2013, 75, 60-78.	2.4	150
26	The Dynamic Relationship between End-tidal Sevoflurane and Isoflurane Concentrations and Bispectral Index and Spectral Edge Frequency of the Electroencephalogram. <i>Anesthesiology</i> , 1999, 90, 1345-1353.	2.5	147
27	Polymorphism of μ -Opioid Receptor Gene (OPRM1:c.118A>G) Does Not Protect Against Opioid-induced Respiratory Depression despite Reduced Analgesic Response. <i>Anesthesiology</i> , 2005, 102, 522-530.	2.5	146
28	Response Surface Modeling of Remifentanyl-Propofol Interaction on Cardiorespiratory Control and Bispectral Index. <i>Anesthesiology</i> , 2003, 98, 312-322.	2.5	144
29	Naloxone treatment in opioid addiction: the risks and benefits. <i>Expert Opinion on Drug Safety</i> , 2007, 6, 125-132.	2.4	141
30	Anesthetic Potency and Influence of Morphine and Sevoflurane on Respiration in μ -Opioid Receptor Knockout Mice. <i>Anesthesiology</i> , 2001, 94, 824-832.	2.5	136
31	Sex-Specific Responses to Opiates: Animal and Human Studies. <i>Anesthesia and Analgesia</i> , 2008, 107, 83-95.	2.2	128
32	NMDA Receptor Antagonists for the Treatment of Neuropathic Pain. <i>Pain Medicine</i> , 2010, 11, 1726-1742.	1.9	126
33	The influence of oxygen on the ventilatory response to carbon dioxide in man. <i>Journal of Physiology</i> , 1990, 428, 485-499.	2.9	125
34	Effect of Subanesthetic Ketamine on Intrinsic Functional Brain Connectivity. <i>Anesthesiology</i> , 2012, 117, 868-877.	2.5	123
35	The Involvement of the μ -Opioid Receptor in Ketamine-Induced Respiratory Depression and Antinociception. <i>Anesthesia and Analgesia</i> , 2001, 93, 1495-1500.	2.2	122
36	Pharmacodynamic Effect of Morphine-6-glucuronide versus Morphine on Hypoxic and Hypercapnic Breathing in Healthy Volunteers. <i>Anesthesiology</i> , 2003, 99, 788-798.	2.5	118

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37	Drug-induced liver injury following a repeated course of ketamine treatment for chronic pain in CRPS type 1 patients: A report of 3 cases. <i>Pain</i> , 2011, 152, 2173-2178.	4.2	118
38	Perioperative management of obstructive sleep apnea in bariatric surgery: a consensus guideline. <i>Surgery for Obesity and Related Diseases</i> , 2017, 13, 1095-1109.	1.2	116
39	S(+)-ketamine Effect on Experimental Pain and Cardiac Output. <i>Anesthesiology</i> , 2009, 111, 892-903.	2.5	115
40	ARA 290, a Nonerythropoietic Peptide Engineered from Erythropoietin, Improves Metabolic Control and Neuropathic Symptoms in Patients with Type 2 Diabetes. <i>Molecular Medicine</i> , 2014, 20, 658-666.	4.4	115
41	Naloxone Reversal of Buprenorphine-induced Respiratory Depression. <i>Anesthesiology</i> , 2006, 105, 51-57.	2.5	114
42	Plasticity of Central Chemoreceptors: Effect of Bilateral Carotid Body Resection on Central CO ₂ Sensitivity. <i>PLoS Medicine</i> , 2007, 4, e239.	8.4	114
43	Bispectral Index Values and Spectral Edge Frequency at Different Stages of Physiologic Sleep. <i>Anesthesia and Analgesia</i> , 2002, 94, 125-129.	2.2	109
44	Opioid-induced respiratory depression in paediatrics: a review of case reports. <i>British Journal of Anaesthesia</i> , 2013, 110, 175-182.	3.4	109
45	Sex Differences in Morphine-induced Ventilatory Depression Reside within the Peripheral Chemoreflex Loop. <i>Anesthesiology</i> , 1999, 90, 1329-1338.	2.5	108
46	Influence of anaesthesia and analgesia on the control of breathing. <i>British Journal of Anaesthesia</i> , 2003, 91, 40-49.	3.4	104
47	Pharmacokinetic-Pharmacodynamic Modeling of the Antinociceptive Effect of Buprenorphine and Fentanyl in Rats: Role of Receptor Equilibration Kinetics. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 1136-1149.	2.5	103
48	Improving detection of patient deterioration in the general hospital ward environment. <i>European Journal of Anaesthesiology</i> , 2018, 35, 325-333.	1.7	103
49	Ketamine for the treatment of chronic non-cancer pain. <i>Expert Opinion on Pharmacotherapy</i> , 2010, 11, 2417-2429.	1.8	102
50	The development of chronic pain: physiological CHANGE necessitates a multidisciplinary approach to treatment. <i>Current Medical Research and Opinion</i> , 2013, 29, 1127-1135.	1.9	101
51	Population pharmacokinetic-pharmacodynamic modeling of ketamine-induced pain relief of chronic pain. <i>European Journal of Pain</i> , 2011, 15, 258-267.	2.8	99
52	Effects of morphine and alcohol on functional brain connectivity during "resting state": A placebo-controlled crossover study in healthy young men. <i>Human Brain Mapping</i> , 2012, 33, 1003-1018.	3.6	98
53	Ability of the Nociception Level, a Multiparameter Composite of Autonomic Signals, to Detect Noxious Stimuli during Propofol-Remifentanyl Anesthesia. <i>Anesthesiology</i> , 2015, 123, 524-534.	2.5	97
54	Prediction of Opioid-Induced Respiratory Depression on Inpatient Wards Using Continuous Capnography and Oximetry: An International Prospective, Observational Trial. <i>Anesthesia and Analgesia</i> , 2020, 131, 1012-1024.	2.2	97

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55	Effects of Subanesthetic Halothane on the Ventilatory Responses to Hypercapnia and Acute Hypoxia in Healthy Volunteers. <i>Anesthesiology</i> , 1994, 80, 727-738.	2.5	94
56	Mechanism-based PK/PD Modeling of the Respiratory Depressant Effect of Buprenorphine and Fentanyl in Healthy Volunteers. <i>Clinical Pharmacology and Therapeutics</i> , 2007, 81, 50-58.	4.7	89
57	Safety and Efficacy of ARA 290 in Sarcoidosis Patients with Symptoms of Small Fiber Neuropathy: A Randomized, Double-Blind Pilot Study. <i>Molecular Medicine</i> , 2012, 18, 1430-1436.	4.4	89
58	Patient controlled analgesia with remifentanyl versus epidural analgesia in labour: randomised multicentre equivalence trial. <i>BMJ</i> , The, 2015, 350, h846-h846.	6.0	85
59	Offset Analgesia in Neuropathic Pain Patients and Effect of Treatment with Morphine and Ketamine. <i>Anesthesiology</i> , 2011, 115, 1063-1071.	2.5	85
60	Cibinetide Improves Corneal Nerve Fiber Abundance in Patients With Sarcoidosis-Associated Small Nerve Fiber Loss and Neuropathic Pain. , 2017, 58, BIO52.		84
61	Opioid-induced respiratory effects: new data on buprenorphine. <i>Palliative Medicine</i> , 2006, 20, 3-8.	3.1	84
62	Mechanism of Action of an Epidural Top-Up in Combined Spinal Epidural Anesthesia. <i>Anesthesia and Analgesia</i> , 1996, 83, 382-386.	2.2	83
63	Comparison of morphine-6-glucuronide and morphine on respiratory depressant and antinociceptive responses in wild type and μ -opioid receptor deficient mice. <i>British Journal of Anaesthesia</i> , 2003, 91, 862-870.	3.4	82
64	Averting Opioid-induced Respiratory Depression without Affecting Analgesia. <i>Anesthesiology</i> , 2018, 128, 1027-1037.	2.5	82
65	The ventilatory CO ₂ sensitivities from Read's rebreathing method and the steady-state method are not equal in man.. <i>Journal of Physiology</i> , 1989, 411, 367-377.	2.9	81
66	Simultaneous Measurement and Integrated Analysis of Analgesia and Respiration after an Intravenous Morphine Infusion. <i>Anesthesiology</i> , 2004, 101, 1201-1209.	2.5	81
67	Effect of ketamine on endogenous pain modulation in healthy volunteers. <i>Pain</i> , 2011, 152, 656-663.	4.2	81
68	Alfentanil and Placebo Analgesia. <i>Anesthesiology</i> , 2005, 103, 130-139.	2.5	80
69	Deep Neuromuscular Block Improves Surgical Conditions during Bariatric Surgery and Reduces Postoperative Pain: A Randomized Double Blind Controlled Trial. <i>PLoS ONE</i> , 2016, 11, e0167907.	2.5	80
70	Influence of ketamine and morphine on descending pain modulation in chronic pain patients: a randomized placebo-controlled cross-over proof-of-concept study. <i>British Journal of Anaesthesia</i> , 2013, 110, 1010-1016.	3.4	79
71	ARA 290 Improves Symptoms in Patients with Sarcoidosis-Associated Small Nerve Fiber Loss and Increases Corneal Nerve Fiber Density. <i>Molecular Medicine</i> , 2013, 19, 334-345.	4.4	78
72	Opioid-induced respiratory depression in humans: a review of pharmacokinetic-pharmacodynamic modelling of reversal. <i>British Journal of Anaesthesia</i> , 2019, 122, e168-e179.	3.4	74

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73	Mechanism-based Pharmacokinetic-Pharmacodynamic Modeling of the Antinociceptive Effect of Buprenorphine in Healthy Volunteers. <i>Anesthesiology</i> , 2006, 104, 1232-1242.	2.5	71
74	Corneal nerve fiber size adds utility to the diagnosis and assessment of therapeutic response in patients with small fiber neuropathy. <i>Scientific Reports</i> , 2018, 8, 4734.	3.3	70
75	Acetazolamide and Breathing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 160, 1592-1597.	5.6	68
76	Esketamine counters opioid-induced respiratory depression. <i>British Journal of Anaesthesia</i> , 2018, 120, 1117-1127.	3.4	68
77	Reduced postoperative pain using Nociception Level-guided fentanyl dosing during sevoflurane anaesthesia: a randomised controlled trial. <i>British Journal of Anaesthesia</i> , 2020, 125, 1070-1078.	3.4	68
78	Acute Pain and Central Nervous System Arousal Do Not Restore Impaired Hypoxic Ventilatory Response during Sevoflurane Sedation. <i>Anesthesiology</i> , 1996, 85, 295-303.	2.5	67
79	Influences of Morphine on the Ventilatory Response to Isocapnic Hypoxia. <i>Anesthesiology</i> , 1997, 86, 1342-1349.	2.5	67
80	Opioid-induced respiratory depression: reversal by non-opioid drugs. <i>F1000prime Reports</i> , 2014, 6, 79.	5.9	67
81	Propofol for Monitored Anesthesia Care. <i>Anesthesiology</i> , 2000, 92, 46-46.	2.5	66
82	Response Surface Modeling of Alfentanil-Sevoflurane Interaction on Cardiorespiratory Control and Bispectral Index. <i>Anesthesiology</i> , 2001, 94, 982-991.	2.5	66
83	Functional biomarkers for the acute effects of alcohol on the central nervous system in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 2011, 71, 331-350.	2.4	66
84	Absence of long-term analgesic effect from a short-term S-ketamine infusion on fibromyalgia pain: A randomized, prospective, double blind, active placebo-controlled trial. <i>European Journal of Pain</i> , 2011, 15, 942-949.	2.8	65
85	A randomised comparison of intravenous remifentanyl patient-controlled analgesia with epidural ropivacaine/sufentanil during labour. <i>International Journal of Obstetric Anesthesia</i> , 2011, 20, 118-123.	0.4	65
86	Improvements in the application and reporting of advanced Bland-Altman methods of comparison. <i>Journal of Clinical Monitoring and Computing</i> , 2015, 29, 127-139.	1.6	65
87	Morphine-6-Glucuronide: Morphine's Successor for Postoperative Pain Relief?. <i>Anesthesia and Analgesia</i> , 2006, 102, 1789-1797.	2.2	64
88	Mechanism-Based Pharmacokinetic-Pharmacodynamic Modelling of the Reversal of Buprenorphine-Induced Respiratory Depression by Naloxone. <i>Clinical Pharmacokinetics</i> , 2007, 46, 965-980.	3.5	64
89	Naloxone Reversal of Morphine- and Morphine-6-Glucuronide-induced Respiratory Depression in Healthy Volunteers. <i>Anesthesiology</i> , 2010, 112, 1417-1427.	2.5	64
90	Association of Opioids and Sedatives with Increased Risk of In-Hospital Cardiopulmonary Arrest from an Administrative Database. <i>PLoS ONE</i> , 2016, 11, e0150214.	2.5	64

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91	Nociception-guided <i>versus</i> Standard Care during Remifentanyl-Propofol Anesthesia. <i>Anesthesiology</i> , 2019, 130, 745-755.	2.5	63
92	Pharmacokinetic-Pharmacodynamic Modeling of the Effectiveness and Safety of Buprenorphine and Fentanyl in Rats. <i>Pharmaceutical Research</i> , 2008, 25, 183-193.	3.5	62
93	The impact of physiological correction on functional connectivity analysis of pharmacological resting state fMRI. <i>NeuroImage</i> , 2013, 65, 499-510.	4.2	62
94	Opioid-induced respiratory depression in the acute care setting: a compendium of case reports. <i>Pain Management</i> , 2014, 4, 317-325.	1.5	62
95	The Epidural "Top-Up" in Combined Spinal-Epidural Anesthesia. <i>Anesthesia and Analgesia</i> , 1999, 88, 810-814.	2.2	61
96	Opioid Prescription Patterns and Risk Factors Associated With Opioid Use in the Netherlands. <i>JAMA Network Open</i> , 2019, 2, e1910223.	5.9	58
97	Pharmacovigilance: A Review of Opioid-Induced Respiratory Depression in Chronic Pain Patients. <i>Pain Physician</i> , 2013, 2;16, E85-E94.	0.4	58
98	Biomarkers, designs, and interpretations of resting-state fMRI in translational pharmacological research: A review of state-of-the-art, challenges, and opportunities for studying brain chemistry. <i>Human Brain Mapping</i> , 2017, 38, 2276-2325.	3.6	57
99	Modeling the Non-Steady State Respiratory Effects of Remifentanyl in Awake and Propofol-sedated Healthy Volunteers. <i>Anesthesiology</i> , 2010, 112, 1382-1395.	2.5	54
100	Respiratory Sites of Action of Propofol. <i>Anesthesiology</i> , 2001, 95, 889-895.	2.5	53
101	Bispectral Index Values and Spectral Edge Frequency at Different Stages of Physiologic Sleep. <i>Anesthesia and Analgesia</i> , 2002, 94, 125-129.	2.2	52
102	Pharmacokinetic and pharmacodynamic considerations for NMDA receptor antagonists in the treatment of chronic neuropathic pain. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2012, 8, 1409-1417.	3.3	52
103	Developmental Changes in Morphine Clearance Across the Entire Paediatric Age Range are Best Described by a Bodyweight-Dependent Exponent Model. <i>Clinical Drug Investigation</i> , 2013, 33, 523-534.	2.2	52
104	Does Subanesthetic Isoflurane Affect the Ventilatory Response to Acute Isocapnic Hypoxia in Healthy Volunteers?. <i>Anesthesiology</i> , 1994, 81, 860-867.	2.5	51
105	The Respiratory Response to Carbon Dioxide in Humans with Unilateral and Bilateral Resections of the Carotid Bodies. <i>Journal of Physiology</i> , 2003, 549, 965-973.	2.9	51
106	Influences of Subanesthetic Isoflurane on Ventilatory Control in Humans. <i>Anesthesiology</i> , 1995, 83, 478-490.	2.5	50
107	Acute and chronic fentanyl administration causes hyperalgesia independently of opioid receptor activity in mice. <i>Neuroscience Letters</i> , 2009, 462, 68-72.	2.1	50
108	Influence of Ethanol on Oxycodone-induced Respiratory Depression. <i>Anesthesiology</i> , 2017, 126, 534-542.	2.5	50

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109	Comorbidities and the Complexities of Chronic Pain. <i>Anesthesiology</i> , 2014, 121, 675-677.	2.5	50
110	Sdhhd and Sdhhd/H19 Knockout Mice Do Not Develop Paraganglioma or Pheochromocytoma. <i>PLoS ONE</i> , 2009, 4, e7987.	2.5	49
111	Nonselective and NR2B-selective N-methyl-d-aspartic Acid Receptor Antagonists Produce Antinociception and Long-term Relief of Allodynia in Acute and Neuropathic Pain. <i>Anesthesiology</i> , 2011, 115, 165-174.	2.5	49
112	Respiratory Effects of the Nociceptin/Orphanin FQ Peptide and Opioid Receptor Agonist, Cebranopadol, in Healthy Human Volunteers. <i>Anesthesiology</i> , 2017, 126, 697-707.	2.5	49
113	Ventilatory Response to Hypoxia in Humans. <i>Anesthesiology</i> , 1996, 85, 60-68.	2.5	48
114	An observational study on the effect of S(+)-ketamine on chronic pain versus experimental acute pain in Complex Regional Pain Syndrome type 1 patients. <i>European Journal of Pain</i> , 2010, 14, 302-307.	2.8	48
115	High-inspired oxygen concentration further impairs opioid-induced respiratory depression. <i>British Journal of Anaesthesia</i> , 2013, 110, 837-841.	3.4	48
116	Cornea nerve fiber quantification and construction of phenotypes in patients with fibromyalgia. <i>Scientific Reports</i> , 2016, 6, 23573.	3.3	48
117	Mixed-Effects Modeling of the Influence of Midazolam on Propofol Pharmacokinetics. <i>Anesthesia and Analgesia</i> , 2009, 108, 1522-1530.	2.2	47
118	Cell Salvage in Hip and Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 1012-1021.	3.0	47
119	The opioid fentanyl affects light input, electrical activity and <i>Pergene</i> expression in the hamster suprachiasmatic nuclei. <i>European Journal of Neuroscience</i> , 2005, 21, 2958-2966.	2.6	46
120	Ketamine interactions with biomarkers of stress: A randomized placebo-controlled repeated measures resting-state fMRI and PCASL pilot study in healthy men. <i>NeuroImage</i> , 2015, 108, 396-409.	4.2	46
121	Respiratory Depression by Tramadol in the Cat. <i>Anesthesiology</i> , 2003, 98, 420-427.	2.5	45
122	Ketamine for pain. <i>F1000Research</i> , 2017, 6, 1711.	1.6	45
123	Deep neuromuscular blockade improves surgical conditions during low-pressure pneumoperitoneum laparoscopic donor nephrectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 245-251.	2.4	45
124	Does nociception monitor-guided anesthesia affect opioid consumption? A systematic review of randomized controlled trials. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 629-641.	1.6	45
125	Effect of Rifampicin on S-ketamine and S-norketamine Plasma Concentrations in Healthy Volunteers after Intravenous S-ketamine Administration. <i>Anesthesiology</i> , 2011, 114, 1435-1445.	2.5	44
126	A novel approach to identify responder subgroups and predictors of response to low- and high-dose capsaicin patches in postherpetic neuralgia. <i>European Journal of Pain</i> , 2013, 17, 1491-1501.	2.8	44

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127	ARA290, a Peptide Derived from the Tertiary Structure of Erythropoietin, Produces Long-term Relief of Neuropathic Pain. <i>Anesthesiology</i> , 2011, 115, 1084-1092.	2.5	44
128	Mechanism of Action of an Epidural Top-Up in Combined Spinal Epidural Anesthesia. <i>Anesthesia and Analgesia</i> , 1996, 83, 382-386.	2.2	43
129	Influence of Acute Pain Induced by Activation of Cutaneous Nociceptors on Ventilatory Control. <i>Anesthesiology</i> , 1997, 87, 289-296.	2.5	43
130	Influence of a Subanesthetic Concentration of Halothane on the Ventilatory Response to Step Changes into and out of Sustained Isocapnic Hypoxia in Healthy Volunteers. <i>Anesthesiology</i> , 1994, 81, 850-859.	2.5	42
131	Influence of 0.1 minimum alveolar concentration of sevoflurane, desflurane and isoflurane on dynamic ventilatory response to hypercapnia in humans. <i>British Journal of Anaesthesia</i> , 1998, 80, 174-182.	3.4	42
132	Morphine-6-glucuronide (M6G) for postoperative pain relief. <i>European Journal of Pain</i> , 2008, 12, 403-411.	2.8	42
133	Influence of reduced carotid body drive during sustained hypoxia on hypoxic depression of ventilation in humans. <i>Journal of Applied Physiology</i> , 1996, 81, 565-572.	2.5	41
134	Effect of subanaesthetic ketamine on plasma and saliva cortisol secretion. <i>British Journal of Anaesthesia</i> , 2015, 115, 68-75.	3.4	41
135	Pharmacokinetic and pharmacodynamic considerations for NMDA-receptor antagonist ketamine in the treatment of chronic neuropathic pain: an update of the most recent literature. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2019, 15, 1033-1041.	3.3	41
136	Two Studies on Reversal of Opioid-induced Respiratory Depression by BK-channel Blocker GAL021 in Human Volunteers. <i>Anesthesiology</i> , 2014, 121, 459-468.	2.5	40
137	Lumbar epidural catheter insertion. <i>European Journal of Anaesthesiology</i> , 2005, 22, 839-842.	1.7	39
138	Mechanism-Based Pharmacokinetic-Pharmacodynamic Modeling of the Respiratory-Depressant Effect of Buprenorphine and Fentanyl in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 682-692.	2.5	39
139	Pseudocontinuous Arterial Spin Labeling Reveals Dissociable Effects of Morphine and Alcohol on Regional Cerebral Blood Flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1321-1333.	4.3	39
140	Safety of sugammadex for reversal of neuromuscular block. <i>Expert Opinion on Drug Safety</i> , 2019, 18, 883-891.	2.4	39
141	Benefit and Risk Evaluation of Biased μ -Receptor Agonist Oliceridine versus Morphine. <i>Anesthesiology</i> , 2020, 133, 559-568.	2.5	39
142	Influence of Morbid Obesity on the Pharmacokinetics of Morphine, Morphine-3-Glucuronide, and Morphine-6-Glucuronide. <i>Clinical Pharmacokinetics</i> , 2017, 56, 1577-1587.	3.5	38
143	Pharmacokinetic-pharmacodynamic modeling in acute and chronic pain: an overview of the recent literature. <i>Expert Review of Clinical Pharmacology</i> , 2011, 4, 719-728.	3.1	37
144	Pharmacokinetics and pharmacodynamics of sublingual sufentanil for postoperative pain management. <i>Anaesthesia</i> , 2018, 73, 231-237.	3.8	37

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145	Pharmacovigilance: a review of opioid-induced respiratory depression in chronic pain patients. <i>Pain Physician</i> , 2013, 16, E85-94.	0.4	37
146	Pharmacokinetic-Pharmacodynamic Modeling of the Respiratory Depressant Effect of Norbuprenorphine in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 598-607.	2.5	36
147	Fentanyl Utility Function. <i>Anesthesiology</i> , 2013, 119, 663-674.	2.5	36
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