

Igor Kissin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6006582/publications.pdf>

Version: 2024-02-01

104
papers

4,955
citations

126907

33
h-index

91884

69
g-index

105
all docs

105
docs citations

105
times ranked

2704
citing authors

#	ARTICLE	IF	CITATIONS
1	Preemptive Analgesia. <i>Anesthesiology</i> , 2000, 93, 1138-1143.	2.5	500
2	Postoperative Pain After Inguinal Herniorrhaphy with Different Types of Anesthesia. <i>Anesthesia and Analgesia</i> , 1990, 70, 29-35.	2.2	459
3	Preemptive Effect of Fentanyl and Ketamine on Postoperative Pain and Wound Hyperalgesia. <i>Anesthesia and Analgesia</i> , 1994, 78, 205-209.	2.2	311
4	Rapid Development of Tolerance to Analgesia During Remifentanyl Infusion in Humans. <i>Anesthesia and Analgesia</i> , 1998, 86, 1307-1311.	2.2	287
5	Preemptive Analgesia. <i>Anesthesiology</i> , 1996, 84, 1015-1019.	2.5	273
6	The effect of pre-incisional infiltration of tonsils with bupivacaine on the pain following tonsillectomy under general anesthesia. <i>Pain</i> , 1991, 47, 305-308.	4.2	215
7	The Effect of Ketamine on Opioid-Induced Acute Tolerance: Can It Explain Reduction of Opioid Consumption with Ketamine-Opioid Analgesic Combinations?. <i>Anesthesia and Analgesia</i> , 2000, 91, 1483-1488.	2.2	192
8	The Development of New Analgesics Over the Past 50 Years: A Lack of Real Breakthrough Drugs. <i>Anesthesia and Analgesia</i> , 2010, 110, 780-789.	2.2	182
9	Depth of Anesthesia and Bispectral Index Monitoring. <i>Anesthesia and Analgesia</i> , 2000, 90, 1114-1117.	2.2	145
10	Calcium Entry Blockers: Uses and Implications for Anesthesiologists. <i>Anesthesiology</i> , 1982, 57, 504-518.	2.5	130
11	Acute Tolerance in Morphine Analgesia. <i>Anesthesiology</i> , 1991, 74, 166-171.	2.5	123
12	Ketamine enhances local anesthetic and analgesic effects of bupivacaine by peripheral mechanism: a study in postoperative patients. <i>Neuroscience Letters</i> , 1996, 215, 5-8.	2.1	120
13	Long-term opioid treatment of chronic nonmalignant pain: unproven efficacy and neglected safety?. <i>Journal of Pain Research</i> , 2013, 6, 513.	2.0	92
14	Tonsillectomy and adenoidectomy pain reduction by local bupivacaine infiltration in children. <i>International Journal of Pediatric Otorhinolaryngology</i> , 1993, 25, 149-154.	1.0	90
15	Therapeutic Targeting of TRPV1 by Resiniferatoxin, from Preclinical Studies to Clinical Trials. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2159-2170.	2.1	85
16	Vanilloid-Induced Conduction Analgesia: Selective, Dose-Dependent, Long-Lasting, with a Low Level of Potential Neurotoxicity. <i>Anesthesia and Analgesia</i> , 2008, 107, 271-281.	2.2	79
17	Subarachnoid bupivacaine blockade decreases midazolam and thiopental hypnotic requirements. <i>Journal of Clinical Anesthesia</i> , 1994, 6, 487-490.	1.6	71
18	Acute Tolerance to Continuously Infused Alfentanil: The Role of Cholecystokinin and N-Methyl-d-Aspartate-Nitric Oxide Systems. <i>Anesthesia and Analgesia</i> , 2000, 91, 110-116.	2.2	66

#	ARTICLE	IF	CITATIONS
19	No evidence of real progress in treatment of acute pain, 1993–2012: scientometric analysis. Journal of Pain Research, 2014, 7, 199.	2.0	64
20	Magnitude of Acute Tolerance to Opioids Is Not Related to Their Potency. Anesthesiology, 1991, 75, 813-816.	2.5	59
21	Preemptive Analgesia at the Crossroad. Anesthesia and Analgesia, 2005, 100, 754-756.	2.2	59
22	Local Anesthetic Blockade of Peripheral Nerves for Treatment of Neuralgias. Anesthesia and Analgesia, 2011, 112, 1487-1493.	2.2	57
23	The Effects of Intraarticular Resiniferatoxin in Experimental Knee-Joint Arthritis. Anesthesia and Analgesia, 2005, 101, 1433-1439.	2.2	53
24	Time Course Characteristics of Acute Tolerance Development to Continuously Infused Alfentanil in Rats. Anesthesia and Analgesia, 1996, 83, 600-605.	2.2	49
25	A Concept for Assessing Interactions of General Anesthetics. Anesthesia and Analgesia, 1997, 85, 204-210.	2.2	48
26	Iatrogenic addiction in patients treated for acute or subacute pain: A systematic review. Journal of Opioid Management, 2006, 2, 16-22.	0.5	46
27	Patient-Controlled-Analgesia Analgesimetry and Its Problems. Anesthesia and Analgesia, 2009, 108, 1945-1949.	2.2	44
28	Alfentanil Dose-Response Relationships for Relief of Postoperative Pain. Anesthesia and Analgesia, 1996, 83, 387-393.	2.2	42
29	Perineural Resiniferatoxin Prevents Hyperalgesia in a Rat Model of Postoperative Pain. Anesthesia and Analgesia, 2005, 100, 774-780.	2.2	42
30	Effects of Volatile Anesthetics on Myocardial Oxidation-reduction Status Assessed by NADH Fluorometry. Anesthesiology, 1983, 59, 447-452.	2.5	40
31	Comparison of Isoflurane and Halothane Safety Margins in Rats. Anesthesiology, 1983, 58, 556-561.	2.5	38
32	Selective and Long-Lasting Neural Blockade with Resiniferatoxin Prevents Inflammatory Pain Hypersensitivity. Anesthesia and Analgesia, 2002, 94, 1253-1258.	2.2	37
33	Sedative and Hypnotic Midazolam-Morphine Interactions in Rats. Anesthesia and Analgesia, 1990, 71, 137-143.	2.2	36
34	Morphine-Halothane Interaction in Rats. Anesthesiology, 1984, 60, 553-561.	2.5	31
35	Diazepam’Morphine Hypnotic Synergism in Rats. Anesthesiology, 1989, 70, 689-694.	2.5	31
36	Pentobarbital-morphine Anesthetic Interactions in Terms of Intensity of Noxious Stimulation Required for Arousal. Anesthesiology, 1993, 78, 744-749.	2.5	30

#	ARTICLE	IF	CITATIONS
37	Pentobarbital and Thiopental Anesthetic Interactions with Midazolam. <i>Anesthesiology</i> , 1987, 67, 26-31.	2.5	29
38	Perineural Resiniferatoxin Prevents the Development of Hyperalgesia Produced by Loose Ligation of the Sciatic Nerve in Rats. <i>Anesthesia and Analgesia</i> , 2007, 104, 1210-1216.	2.2	28
39	Anesthetic Potencies of Isoflurane, Halothane, and Diethyl Ether for Various End Points of Anesthesia. <i>Anesthesiology</i> , 1983, 58, 88-92.	2.5	27
40	Morphine and Fentanyl Hypnotic Interactions with Thiopental. <i>Anesthesiology</i> , 1987, 67, 331-335.	2.5	26
41	The indices of potency for intravenous anaesthetics. <i>Canadian Anaesthetists' Society Journal</i> , 1981, 28, 585-590.	0.5	24
42	Chronic postsurgical pain: still a neglected topic?. <i>Journal of Pain Research</i> , 2012, 5, 473.	2.0	22
43	Interaction Between Negative Inotropic Effects of Halothane and Nifedipine in the Isolated Rat Heart. <i>Journal of Cardiovascular Pharmacology</i> , 1983, 5, 592-597.	1.9	21
44	Does antidromic activation of nociceptors play a role in sciatic radicular pain?. <i>Pain</i> , 1990, 40, 77-79.	4.2	21
45	Barbiturate-Benzodiazepine Interactions at the γ -Aminobutyric AcidA Receptor in Rat Cerebral Cortical Synaptoneurosomes. <i>Anesthesia and Analgesia</i> , 1993, 77, 598-605.	2.2	21
46	A Call to Reassess the Clinical Value of Preventive (Preemptive) Analgesia. <i>Anesthesia and Analgesia</i> , 2011, 113, 977-978.	2.2	21
47	Can a bibliometric indicator predict the success of an analgesic?. <i>Scientometrics</i> , 2011, 86, 785-795.	3.0	21
48	Preemptive Analgesia: Problems with Assessment of Clinical Significance. <i>Methods in Molecular Biology</i> , 2010, 617, 475-482.	0.9	20
49	Isobolographic Analysis of Propofol-Thiopental Hypnotic Interaction in Surgical Patients. <i>Anesthesia and Analgesia</i> , 1999, 88, 667-670.	2.2	19
50	Hyperalgesia Caused by Nerve Transection: Long-Lasting Block Prevents Early Hyperalgesia in the Receptive Field of the Surviving Nerve. <i>Anesthesia and Analgesia</i> , 1999, 89, 1475.	2.2	19
51	Scientometrics of drug discovery efforts: pain-related molecular targets. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3393.	4.3	19
52	Effect of Halothane on Contractile Function of Ischemic Myocardium. <i>Journal of Cardiovascular Pharmacology</i> , 1983, 5, 438-442.	1.9	18
53	Scientometric assessment of drugs for chronic pain, 1979-2013: rapid growth of publications, paucity of successful drugs. <i>Journal of Pain Research</i> , 2014, 7, 505.	2.0	18
54	Halothane Antagonizes Effect of Morphine on the Motor Reaction Threshold in Rats. <i>Anesthesiology</i> , 1984, 61, 671-676.	2.5	17

#	ARTICLE	IF	CITATIONS
55	A microcomputer based controller for neuromuscular block during surgery. <i>Annals of Biomedical Engineering</i> , 1985, 13, 3-15.	2.5	17
56	Memory of Pain: The Effect of Perineural Resiniferatoxin. <i>Anesthesia and Analgesia</i> , 2006, 103, 721-728.	2.2	17
57	Midazolam potentiates thiopental sodium anesthetic induction in patients. <i>Journal of Clinical Anesthesia</i> , 1991, 3, 367-370.	1.6	16
58	Sciatic Nerve Block with Resiniferatoxin: An Electron Microscopic Study of Unmyelinated Fibers in the Rat. <i>Anesthesia and Analgesia</i> , 2007, 105, 825-831.	2.2	16
59	Effect of alfentanil on hypnotic and antinociceptive components of thiopental sodium anesthesia. <i>Journal of Clinical Anesthesia</i> , 1991, 3, 280-284.	1.6	15
60	Can Inflammatory Pain Prevent the Development of Acute Tolerance to Alfentanil?. <i>Anesthesia and Analgesia</i> , 2001, 92, 1296-1300.	2.2	15
61	Top Journals Selectivity Index: is it acceptable for drugs beyond the field of analgesia?. <i>Scientometrics</i> , 2011, 88, 589-597.	3.0	14
62	Reserpine-induced Changes in Anesthetic Action of Fentanyl. <i>Anesthesiology</i> , 1985, 62, 597-600.	2.5	13
63	Metoclopramide Decreases Thiopental Hypnotic Requirements. <i>Anesthesia and Analgesia</i> , 1993, 77, 784-787.	2.2	13
64	Effect of Midazolam on Development of Acute Tolerance to Alfentanil. <i>Anesthesia and Analgesia</i> , 1997, 85, 182-187.	2.2	13
65	Study design to demonstrate clinical value of preemptive analgesia: Is the commonly used approach valid?. <i>Regional Anesthesia and Pain Medicine</i> , 2002, 27, 242-244.	2.3	13
66	An early indicator of drug success: Top Journal Selectivity Index. <i>Drug Design, Development and Therapy</i> , 2013, 7, 93.	4.3	13
67	Scientometrics of anesthetic drugs and their techniques of administration, 1984–2013. <i>Drug Design, Development and Therapy</i> , 2014, 8, 2463.	4.3	13
68	Top journals selectivity index and "come-too" drugs. <i>Scientometrics</i> , 2012, 91, 131-142.	3.0	12
69	What Can Big Data on Academic Interest Reveal about a Drug? Reflections in Three Major US Databases. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 248-257.	8.7	12
70	A High Concentration of Resiniferatoxin Inhibits Ion Channel Function in Clonal Neuroendocrine Cells. <i>Anesthesia and Analgesia</i> , 2008, 107, 318-324.	2.2	11
71	A quest to increase safety of anesthetics by advancements in anesthesia monitoring: scientometric analysis. <i>Drug Design, Development and Therapy</i> , 2015, 9, 2599.	4.3	9
72	Decline in the Development of New Anesthetics. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 344-352.	8.7	9

#	ARTICLE	IF	CITATIONS
73	Does midazolam inhibit the development of acute tolerance to the analgesic effect of alfentanil?. <i>Life Sciences</i> , 1993, 52, PL55-PL60.	4.3	8
74	Tolerance to Opioid Analgesia: Why Do We Differ from Rats?. <i>Anesthesia and Analgesia</i> , 2005, 101, 1727-1729.	2.2	8
75	Changes in Publication-Based Academic Interest in Local Anesthetics Over the Past 50 Years. <i>Journal of Anesthesia History</i> , 2016, 2, 73-78.	0.2	8
76	Locomotor Activity After Recovery From Hypnosis. <i>Anesthesia and Analgesia</i> , 1992, 75, 929-931.	2.2	7
77	Effects of Nifedipine on Myocardial Energy Balance in Experimental Coronary Vasoconstriction and Occlusion. <i>Journal of Cardiovascular Pharmacology</i> , 1982, 4, 111-115.	1.9	6
78	A surname-based patent-related indicator: the contribution of Jewish inventors to US patents. <i>Scientometrics</i> , 2013, 97, 357-368.	3.0	6
79	Spinal Anesthesia and Midazolam Hypnotic Requirements. <i>Anesthesia and Analgesia</i> , 1996, 83, 198-199.	2.2	5
80	Effect of morphine on the heart rate response to noxious stimulation: Interaction with halothane and naloxone. <i>Pain</i> , 1984, 18, 351-358.	4.2	4
81	Barbiturates inhibit stress-induced analgesia. <i>Canadian Journal of Anaesthesia</i> , 1987, 34, 146-151.	1.6	4
82	Acute Tolerance to the Hypnotic Effect of Morphine in Rats. <i>Anesthesia and Analgesia</i> , 1991, 73, 619-621.	2.2	4
83	Opioid prescriptions for pain and epidemic of overdose death: can the dramatic reduction in anesthesia mortality serve as an example?. <i>Journal of Pain Research</i> , 2016, Volume 9, 453-456.	2.0	4
84	Academic Interest in Pain: Comparison of Four Specialties With Long-Standing Involvement in Pain Medicine. <i>Journal of Anesthesia History</i> , 2020, 6, 84-89.	0.2	4
85	A surname-based bibliometric indicator: publications in biomedical journal. <i>Scientometrics</i> , 2011, 89, 273-280.	3.0	3
86	How does the lidocaine patch (5%) relieve pain?. <i>Pain</i> , 2012, 153, 1332-1333.	4.2	3
87	Publication-Based Academic Interest in Drugs and Techniques for Treatment of Postoperative Pain, 1975-2015. <i>Journal of Anesthesia History</i> , 2017, 3, 122-127.	0.2	3
88	High-Impact Clinical Studies That Fomented New Developments in Anesthesia: History of Achievements, 1966-2015. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 2495-2505.	4.3	3
89	Recent History of Publication-Based Academic Interest in General Anesthetics. <i>Journal of Anesthesia History</i> , 2018, 4, 109-114.	0.2	2
90	Problems with Developments of Breakthrough Analgesics: Recent History via Scientometric Analysis. <i>Journal of Anesthesia History</i> , 2019, 5, 49-57.	0.2	2

#	ARTICLE	IF	CITATIONS
91	Progress in analgesic development: How to assess its real merits?. Current Reviews in Clinical and Experimental Pharmacology, 2021, 16, .	0.8	2
92	Effect of Halothane on Cardiac Acceleration Response to Somatic Nerve Stimulation in Dogs. Anesthesiology, 1984, 61, 708-711.	2.5	2
93	Bioassay, Potency, and Intravenous Anesthetics. Anesthesiology, 1980, 53, 351-353.	2.5	1
94	Analgesic and antinociceptive components of general anesthesia. Pain Forum, 1998, 7, 37-40.	1.1	1
95	Trends in Academic Interest Indicate a Constantly Declining Choice of Anesthetics: In Response to Dhillon and Butterworth. Journal of Anesthesia History, 2016, 2, 151-152.	0.2	1
96	Assessing advances in regional anesthesia by their portrayals in meta-analyses: an alternative view on recent progress. BMC Anesthesiology, 2017, 17, 112.	1.8	1
97	Pharmacological Basis of Anesthesia. Anesthesia and Analgesia, 2018, 127, 1268-1270.	2.2	1
98	Academic Journals Assessed as Springboards for New Developments: A Study of Leading Anesthesia Journals Over Past 50 Years. Journal of Anesthesia History, 2019, 5, 7-12.	0.2	1
99	Pharmacology of General Anesthetics: Quantitative History of Research Attractiveness. Anesthesia and Analgesia, 2021, 132, 1486-1488.	2.2	1
100	Authorship and Publication Matters: Comment. Anesthesiology, 2021, , .	2.5	1
101	Clinical Studies that Initiated the Use of Spinal Opioids for the Treatment of Pain: A New Approach to Historical Review. Current Reviews in Clinical and Experimental Pharmacology, 2024, 19, 61-67.	0.8	1
102	Comment on clinical note "Does antidromic activation of nociceptors play a role in sciatic radicular pain?" by Xavier, Farrell, McDanal and Kissin, Pain, 40 (1990) 77-79. Pain, 1990, 43, 261-262.	4.2	0
103	Rapid Development of Tolerance to Analgesia During Remifentanyl Infusion in Humans. Survey of Anesthesiology, 1999, 43, 227.	0.1	0
104	Conscious Sedation.. Anesthesiology, 2002, 97, 1043-1043.	2.5	0