

Monique van Velzen

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,492
citations

159585

30
h-index

233421

45
g-index

94
all docs

94
docs citations

94
times ranked

2719
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of sustained high buprenorphine plasma concentrations on fentanyl-induced respiratory depression: A placebo-controlled crossover study in healthy volunteers and opioid-tolerant patients. PLoS ONE, 2022, 17, e0256752.	2.5	17
2	Ketamine Psychedelic and Antinociceptive Effects Are Connected. Anesthesiology, 2022, 136, 792-801.	2.5	12
3	Modeling buprenorphine reduction of fentanyl-induced respiratory depression. JCI Insight, 2022, 7, .	5.0	14
4	The Use of Muscle Relaxants and Reversal Agents in a Setting Without Cost Restrictions: Experience from a Tertiary Academic Hospital in the Netherlands. Therapeutics and Clinical Risk Management, 2022, Volume 18, 379-390.	2.0	2
5	Advances in Reversal Strategies of Opioid-induced Respiratory Toxicity. Anesthesiology, 2022, 136, 618-632.	2.5	11
6	Respiratory effects of thyrotropin-releasing hormone and its analogue taltirelin on opioid-induced respiratory depression. British Journal of Anaesthesia, 2022, 129, e4-e6.	3.4	6
7	Nociception level monitoring for personalized analgesic treatment. Response to Br J Anaesth 2020; 125: 1070-8. British Journal of Anaesthesia, 2021, 126, e65-e66.	3.4	0
8	Deep neuromuscular block does not improve surgical conditions in patients receiving sevoflurane anaesthesia for laparoscopic renal surgery. British Journal of Anaesthesia, 2021, 126, 377-385.	3.4	19
9	Tolerance to Opioid-induced Respiratory Depression in Chronic High-Dose Opioid Users: A Model-Based Comparison With Opioid-Naïve Individuals. Clinical Pharmacology and Therapeutics, 2021, 109, 637-645.	4.7	22
10	Efficacy of ketamine in relieving neuropathic pain: a systematic review and meta-analysis of animal studies. Pain, 2021, 162, 2320-2330.	4.2	15
11	Stereoselective ketamine effect on cardiac output: a population pharmacokinetic/pharmacodynamic modelling study in healthy volunteers. British Journal of Anaesthesia, 2021, 127, 23-31.	3.4	20
12	The impact of deep versus standard neuromuscular block on intraoperative safety during laparoscopic surgery: an international multicenter randomized controlled double-blind strategy trial "EURO-RELAX TRIAL. Trials, 2021, 22, 744.	1.6	3
13	Does nociception monitor-guided anesthesia affect opioid consumption? A systematic review of randomized controlled trials. Journal of Clinical Monitoring and Computing, 2020, 34, 629-641.	1.6	45
14	Postoperative respiratory state assessment using the Integrated Pulmonary Index (IPI) and resultant nurse interventions in the post-anesthesia care unit: a randomized controlled trial. Journal of Clinical Monitoring and Computing, 2020, 35, 1093-1102.	1.6	6
15	<p>Hyperalgesia and Reduced Offset Analgesia During Spinal Anesthesia</p>. Journal of Pain Research, 2020, Volume 13, 2143-2149.	2.0	3
16	Causes and consequences of the opioid epidemic in the Netherlands: a population-based cohort study. Scientific Reports, 2020, 10, 15309.	3.3	16
17	Reduced postoperative pain using Nociception Level-guided fentanyl dosing during sevoflurane anaesthesia: a randomised controlled trial. British Journal of Anaesthesia, 2020, 125, 1070-1078.	3.4	68
18	Pharmacokinetics of ketamine and its major metabolites norketamine, hydroxynorketamine, and dehydronorketamine: a model-based analysis. British Journal of Anaesthesia, 2020, 125, 750-761.	3.4	28

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19	Cholinergic Chemotransmission and Anesthetic Drug Effects at the Carotid Bodies. <i>Molecules</i> , 2020, 25, 5974.	3.8	1
20	Ketamine for neuropathic pain: a tiger that won't bite?. <i>British Journal of Anaesthesia</i> , 2020, 125, e275-e276.	3.4	3
21	Opioid utility function: methods and implications. <i>Annals of Palliative Medicine</i> , 2020, 9, 528-536.	1.2	10
22	Benefit and Risk Evaluation of Biased μ -Receptor Agonist Oliceridine <i>versus</i> Morphine. <i>Anesthesiology</i> , 2020, 133, 559-568.	2.5	39
23	Ketamine Pharmacokinetics. <i>Anesthesiology</i> , 2020, 133, 1192-1213.	2.5	25
24	Tapentadol treatment results in long-term pain relief in patients with chronic low back pain and associates with reduced segmental sensitization. <i>Pain Reports</i> , 2020, 5, e877.	2.7	9
25	Neuropathic Pain: Challenges and Opportunities. <i>Frontiers in Pain Research</i> , 2020, 1, 1.	2.0	23
26	From breathtaking to encapsulation: a novel approach to reverse respiratory depression from opioid overdosing. <i>British Journal of Anaesthesia</i> , 2020, 125, e16-e17.	3.4	1
27	Safety of sugammadex for reversal of neuromuscular block. <i>Expert Opinion on Drug Safety</i> , 2019, 18, 883-891.	2.4	39
28	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
29	Opioid Prescription Patterns and Risk Factors Associated With Opioid Use in the Netherlands. <i>JAMA Network Open</i> , 2019, 2, e1910223.	5.9	58
30	Opioid-induced respiratory depression in humans: a review of pharmacokineticâ€“pharmacodynamic modelling of reversal. <i>British Journal of Anaesthesia</i> , 2019, 122, e168-e179.	3.4	74
31	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
32	Cornea nerve fibre state determines analgesic response to tapentadol in fibromyalgia patients without effective endogenous pain modulation. <i>European Journal of Pain</i> , 2019, 23, 1586-1595.	2.8	15
33	A176 Incidence of pre- and postoperative chronic pain in bariatric patients.. <i>Surgery for Obesity and Related Diseases</i> , 2019, 15, S49-S50.	1.2	0
34	Reversal of Partial Neuromuscular Block and the Ventilatory Response to Hypoxia. <i>Anesthesiology</i> , 2019, 131, 467-476.	2.5	32
35	Nociception-guided <i>versus</i> Standard Care during Remifentanylâ€“Propofol Anesthesia. <i>Anesthesiology</i> , 2019, 130, 745-755.	2.5	63
36	Analgesic and Respiratory Depressant Effects of R-dihydroetorphine. <i>Anesthesiology</i> , 2019, 131, 1327-1339.	2.5	5

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37	A Pragmatic Utility Function to Describe the Risk-Benefit Composite of Opioid and Nonopioid Analgesic Medication. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 371, 416-421.	2.5	6
38	Use of dynamic light scattering for assessing acute pain. , 2019, , .		1
39	Benefit <i>versus</i> Severe Side Effects of Opioid Analgesia. <i>Anesthesiology</i> , 2018, 128, 932-942.	2.5	19
40	Esketamine counters opioid-induced respiratory depression. <i>British Journal of Anaesthesia</i> , 2018, 120, 1117-1127.	3.4	68
41	Differential role of nitric oxide in the psychedelic symptoms induced by racemic ketamine and esketamine in human volunteers. <i>British Journal of Anaesthesia</i> , 2018, 120, 1009-1018.	3.4	13
42	Averting Opioid-induced Respiratory Depression without Affecting Analgesia. <i>Anesthesiology</i> , 2018, 128, 1027-1037.	2.5	82
43	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
44	Ketamine inhalation. <i>British Journal of Anaesthesia</i> , 2017, 118, 268-269.	3.4	16
45	Pain sensitivity and pain scoring in patients with morbid obesity. <i>Surgery for Obesity and Related Diseases</i> , 2017, 13, 788-795.	1.2	33
46	Satellite glial cells in human trigeminal ganglia have a broad expression of functional Toll-like receptors. <i>European Journal of Immunology</i> , 2017, 47, 1181-1187.	2.9	33
47	Influence of Ethanol on Oxycodone-induced Respiratory Depression. <i>Anesthesiology</i> , 2017, 126, 534-542.	2.5	50
48	Pharmacokinetics and Bioavailability of Inhaled Esketamine in Healthy Volunteers. <i>Anesthesiology</i> , 2017, 127, 675-683.	2.5	32
49	An experimental study comparing the respiratory effects of tapentadol and oxycodone in healthy volunteers. <i>British Journal of Anaesthesia</i> , 2017, 119, 1169-1177.	3.4	25
50	Quantification of small fiber pathology in patients with sarcoidosis and chronic pain using cornea confocal microscopy and skin biopsies. <i>Journal of Pain Research</i> , 2017, Volume 10, 2057-2065.	2.0	13
51	Frequent respiratory events in postoperative patients aged 60 years and above. <i>Therapeutics and Clinical Risk Management</i> , 2017, Volume 13, 1091-1098.	2.0	10
52	Cibinetide Improves Corneal Nerve Fiber Abundance in Patients With Sarcoidosis-Associated Small Nerve Fiber Loss and Neuropathic Pain. , 2017, 58, BIO52.		84
53	Ketamine for pain. <i>F1000Research</i> , 2017, 6, 1711.	1.6	45
54	Ketamine Analgesia. , 2016, , 541-550.		2

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55	Translation of random painful stimuli into numerical responses in fibromyalgia and perioperative patients. <i>Pain</i> , 2016, 157, 128-136.	4.2	12
56	Cornea nerve fiber quantification and construction of phenotypes in patients with fibromyalgia. <i>Scientific Reports</i> , 2016, 6, 23573.	3.3	48
57	Targeting the innate repair receptor to treat neuropathy. <i>Pain Reports</i> , 2016, 1, e566.	2.7	9
58	Pain Experience and Perception in the Obese Subject Systematic Review (Revised Version). <i>Obesity Surgery</i> , 2016, 26, 631-639.	2.1	45
59	The influence of offset analgesia on the onset and offset of pain in patients with fibromyalgia. <i>Pain</i> , 2015, 156, 2521-2527.	4.2	33
60	A randomized controlled trial and novel mathematical analysis of the analgesic effect of oxycodone versus paracetamol orodispersible tablets. <i>European Journal of Pain</i> , 2015, 19, 295-304.	2.8	5
61	A Randomized Controlled Trial on the Effect of Tapentadol and Morphine on Conditioned Pain Modulation in Healthy Volunteers. <i>PLoS ONE</i> , 2015, 10, e0128997.	2.5	20
62	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
63	ARA 290 for treatment of small fiber neuropathy in sarcoidosis. <i>Expert Opinion on Investigational Drugs</i> , 2014, 23, 541-550.	4.1	33
64	ARA 290, a Peptide Derived from the Tertiary Structure of Erythropoietin, Produces Long-Term Relief of Neuropathic Pain Coupled with Suppression of the Spinal Microglia Response. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-13.	2.1	29
65	Opioid-induced respiratory depression: reversal by non-opioid drugs. <i>F1000prime Reports</i> , 2014, 6, 79.	5.9	67
66	Ketamine Metabolomics in the Treatment of Major Depression. <i>Anesthesiology</i> , 2014, 121, 4-5.	2.5	12
67	Comorbidities and the Complexities of Chronic Pain. <i>Anesthesiology</i> , 2014, 121, 675-677.	2.5	50
68	Acyclovir-resistant herpes simplex virus type 1 in intra-ocular fluid samples of herpetic uveitis patients. <i>Journal of Clinical Virology</i> , 2013, 57, 215-221.	3.1	34
69	Acyclovir Prophylaxis Predisposes to Antiviral-Resistant Recurrent Herpetic Keratitis. <i>Journal of Infectious Diseases</i> , 2013, 208, 1359-1365.	4.0	94
70	Local CD4 and CD8 T-Cell Reactivity to HSV-1 Antigens Documents Broad Viral Protein Expression and Immune Competence in Latently Infected Human Trigeminal Ganglia. <i>PLoS Pathogens</i> , 2013, 9, e1003547.	4.7	89
71	Longitudinal study on oral shedding of herpes simplex virus 1 and varicella-zoster virus in individuals infected with HIV. <i>Journal of Medical Virology</i> , 2013, 85, 1669-1677.	5.0	37
72	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

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73	Latent Acyclovir-Resistant Herpes Simplex Virus Type 1 in Trigeminal Ganglia of Immunocompetent Individuals. <i>Journal of Infectious Diseases</i> , 2012, 205, 1539-1543.	4.0	41
74	Neuron-Interacting Satellite Glial Cells in Human Trigeminal Ganglia Have an APC Phenotype. <i>Journal of Immunology</i> , 2009, 183, 2456-2461.	0.8	79
75	Clinical impact of HLA class I expression in rectal cancer. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 601-609.	4.2	46
76	Different brain systems support learning from received and avoided pain during human pain-avoidance learning. <i>ELife</i> , 0, 11, .	6.0	8
77	Sublingual Sufentanil versus Standard-of-Care (Patient-Controlled Analgesia with Epidural) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Pancreatoduodenectomy: A Randomized Trial. <i>Journal of Pain Research</i> , 0, Volume 15, 1775-1786.	2.0	2
78	S-Ketamine Oral Thin Filmâ€™Part 1: Population Pharmacokinetics of S-Ketamine, S-Norketamine and S-Hydroxynorketamine. <i>Frontiers in Pain Research</i> , 0, 3, .	2.0	1