

Benno Rehberg

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,513
citations

331642

21
h-index

330122

37
g-index

60
all docs

60
docs citations

60
times ranked

1243
citing authors

#	ARTICLE	IF	CITATIONS
1	Preventing pain after breast surgery: A systematic review with meta-analyses and trial-sequential analyses. <i>European Journal of Pain</i> , 2021, 25, 5-22.	2.8	10
2	Perioperative predictability of unsatisfactory functional outcomes 6 months after hip arthroplasty. <i>Journal of Orthopaedics</i> , 2021, 24, 34-41.	1.3	0
3	The impact of a transversus abdominis plane block including clonidine vs. intrathecal morphine on nausea and vomiting after caesarean section. <i>European Journal of Anaesthesiology</i> , 2019, 36, 575-582.	1.7	17
4	Development of a Simple Preoperative Risk Score for Persistent Pain After Breast Cancer Surgery. <i>Clinical Journal of Pain</i> , 2018, 34, 559-565.	1.9	15
5	Prediction of Acute Postoperative Pain Following Breast Cancer Surgery Using the Pain Sensitivity Questionnaire. <i>Clinical Journal of Pain</i> , 2017, 33, 57-66.	1.9	51
6	Intraoperative monitoring of analgesia using nociceptive reflexes correlates with delayed extubation and immediate postoperative pain. <i>European Journal of Anaesthesiology</i> , 2017, 34, 297-305.	1.7	28
7	Continuous Assessment of Labour Pain using Handgrip Force. <i>Pain Research and Management</i> , 2015, 20, 159-163.	1.8	4
8	Can remifentanil use in obstetrics be improved by optimal patient-controlled analgesia bolus timing?. <i>British Journal of Anaesthesia</i> , 2015, 114, 281-289.	3.4	10
9	Reliability of Subjective Pain Ratings and Nociceptive Flexion Reflex Responses as Measures of Conditioned Pain Modulation. <i>Pain Research and Management</i> , 2014, 19, 93-96.	1.8	34
10	Nitrous oxide does not produce a clinically important sparing effect during closed-loop delivered propofol-remifentanil anaesthesia guided by the bispectral index: a randomized multicentre study. <i>British Journal of Anaesthesia</i> , 2014, 112, 842-851.	3.4	24
11	Habituation of the nociceptive flexion reflex is dependent on inter-stimulus interval and stimulus intensity. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 848-850.	1.5	25
12	Prediction of motor responses to surgical stimuli during bilateral orchiectomy of pigs using nociceptive flexion reflexes and the bispectral index derived from the electroencephalogram. <i>Veterinary Journal</i> , 2013, 195, 377-381.	1.7	5
13	Why don't patients get out of bed postoperatively?. <i>European Journal of Anaesthesiology</i> , 2013, 30, 395-396.	1.7	2
14	Comparison of Trigeminal and Spinal Modulation of Pain and Nociception. <i>International Journal of Neuroscience</i> , 2012, 122, 298-304.	1.6	14
15	Utility of Nociceptive Flexion Reflex Threshold, Bispectral Index, Composite Variability Index and Noxious Stimulation Response Index as measures for nociception during general anaesthesia. <i>Anaesthesia</i> , 2012, 67, 899-905.	3.8	45
16	How to treat a patient with chronic low back pain – Methodology and results of the first international case conference of integrative medicine. <i>Complementary Therapies in Medicine</i> , 2011, 19, 54-62.	2.7	4
17	Monitoring of the responsiveness to noxious stimuli during anaesthesia with propofol and remifentanil by using RIII reflex threshold and bispectral index. <i>British Journal of Anaesthesia</i> , 2010, 104, 201-208.	3.4	48
18	Monitoring of the responsiveness to noxious stimuli during sevoflurane mono-anaesthesia by using RIII reflex threshold and bispectral index. <i>British Journal of Anaesthesia</i> , 2010, 104, 740-745.	3.4	23

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19	Evidence-based integrative pain medicine. <i>European Journal of Integrative Medicine</i> , 2010, 2, 109-113.	1.7	6
20	Investigation of threshold and magnitude criteria of the nociceptive blink reflex. <i>Clinical Neurophysiology</i> , 2010, 121, 945-949.	1.5	10
21	Implicit Memory Phenomena under Anesthesia Are Not Spurious. <i>Anesthesiology</i> , 2010, 112, 765-766.	2.5	1
22	Comparison of the nociceptive flexion reflex threshold and the bispectral index as monitors of movement responses to noxious stimuli under propofol mono-anaesthesia. <i>British Journal of Anaesthesia</i> , 2009, 102, 244-250.	3.4	29
23	Introduction of a continual RIII reflex threshold tracking algorithm. <i>Brain Research</i> , 2009, 1260, 24-29.	2.2	35
24	Effects of Sevoflurane and Propofol on the Nociceptive Withdrawal Reflex and on the H Reflex. <i>Anesthesiology</i> , 2009, 111, 72-81.	2.5	31
25	Analysis of Memory Formation during General Anesthesia (Propofol/Remifentanyl) for Elective Surgery Using the Process-dissociation Procedure. <i>Anesthesiology</i> , 2009, 111, 293-301.	2.5	20
26	Variability Comparison of the Composite Auditory Evoked Potential Index and the Bispectral Index During Propofol-Fentanyl Anesthesia. <i>Anesthesia and Analgesia</i> , 2008, 107, 117-124.	2.2	14
27	Use of a target-controlled infusion system for propofol does not improve subjective assessment of anaesthetic depth by inexperienced anaesthesiologists*. <i>European Journal of Anaesthesiology</i> , 2007, 24, 920-926.	1.7	5
28	Ethanol reduces motoneuronal excitability and increases presynaptic inhibition of Ia afferents in the human spinal cord. <i>Brain Research</i> , 2007, 1173, 78-83.	2.2	6
29	Fast-track surgery in laparoscopic radical prostatectomy: basic principles. <i>World Journal of Urology</i> , 2007, 25, 185-191.	2.2	64
30	Presynaptic and Postsynaptic Effects of the Anesthetics Sevoflurane and Nitrous Oxide in the Human Spinal Cord. <i>Anesthesiology</i> , 2007, 107, 553-562.	2.5	11
31	H-reflex depression by propofol and sevoflurane is dependent on stimulus intensity. <i>Clinical Neurophysiology</i> , 2006, 117, 2653-2660.	1.5	8
32	Propofol Increases Presynaptic Inhibition of Ia Afferents in the Intact Human Spinal Cord. <i>Anesthesiology</i> , 2006, 104, 798-804.	2.5	20
33	Subjective assessment of depth of anaesthesia by experienced and inexperienced anaesthetists. <i>European Journal of Anaesthesiology</i> , 2006, 23, 292-299.	1.7	9
34	Comparison of a new composite index based on midlatency auditory evoked potentials and electroencephalographic parameters with bispectral index (BIS) during moderate propofol sedation. <i>European Journal of Anaesthesiology</i> , 2006, 23, 931-936.	1.7	10
35	Correlation of the A-Line, ARX index with acoustically evoked potential amplitude. <i>British Journal of Anaesthesia</i> , 2006, 97, 666-675.	3.4	3
36	The suppression of spinal F-waves by propofol does not predict immobility to painful stimuli in humans. <i>British Journal of Anaesthesia</i> , 2006, 96, 118-126.	3.4	11

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37	Human mediotemporal EEG characteristics during propofol anesthesia. <i>Biological Cybernetics</i> , 2005, 92, 92-100.	1.3	18
38	Concentration-dependent suppression of F-waves by sevoflurane does not predict immobility to painful stimuli in humans. <i>British Journal of Anaesthesia</i> , 2005, 95, 789-797.	3.4	15
39	Differentiation of spinal and cerebral effects of anaesthetics in humans using clinical electrophysiology techniques. <i>International Congress Series</i> , 2005, 1283, 168-171.	0.2	0
40	Comparison of the concentration-dependent effect of sevoflurane on the spinal H-reflex and the EEG in humans. <i>Acta Anaesthesiologica Scandinavica</i> , 2004, 48, 569-576.	1.6	17
41	Monitoring of Immobility to Noxious Stimulation during Sevoflurane Anesthesia Using the Spinal H-reflex. <i>Anesthesiology</i> , 2004, 100, 44-50.	2.5	51
42	Propofol and Sevoflurane in Subanesthetic Concentrations Act Preferentially on the Spinal Cord. <i>Anesthesiology</i> , 2002, 97, 1416-1425.	2.5	46
43	Application of semilinear canonical correlation to the measurement of the electroencephalographic effects of volatile anaesthetics. <i>European Journal of Anaesthesiology</i> , 2002, 19, 735.	1.7	3
44	Surgical Stimulation Shifts EEG Concentration-Response Relationship of Desflurane. <i>Anesthesiology</i> , 2001, 94, 390-399.	2.5	63
45	Electroencephalogram Approximate Entropy Correctly Classifies the Occurrence of Burst Suppression Pattern as Increasing Anesthetic Drug Effect. <i>Anesthesiology</i> , 2000, 93, 981-985.	2.5	133
46	Quantification of depth of anesthesia by nonlinear time series analysis of brain electrical activity. <i>Physical Review E</i> , 2000, 62, 4898-4903.	2.1	67
47	Sodium channels (from rat, mouse, and man) in neuroblastoma cells and different expression systems have similar sensitivities to pentobarbital. <i>Neuroscience Letters</i> , 1999, 264, 81-84.	2.1	10
48	Suppression of Central Nervous System Sodium Channels by Propofol. <i>Anesthesiology</i> , 1999, 91, 512-520.	2.5	115
49	Comparative Pharmacodynamic Modeling of the Electroencephalography-slowing Effect of Isoflurane, Sevoflurane, and Desflurane. <i>Anesthesiology</i> , 1999, 91, 397-405.	2.5	63
50	Volatile anesthetics significantly suppress central and peripheral mammalian sodium channels. <i>Toxicology Letters</i> , 1998, 100-101, 255-263.	0.8	21
51	No evidence for specific opioid effects on batrachotoxin-modified sodium channels from human brain synaptosomes. <i>Neuroscience Letters</i> , 1997, 229, 41-44.	2.1	1
52	Central Nervous System Sodium Channels Are Significantly Suppressed at Clinical Concentrations of Volatile Anesthetics. <i>Anesthesiology</i> , 1996, 84, 1223-1233.	2.5	153
53	The Membrane Lipid Cholesterol Modulates Anesthetic Actions on a Human Brain Ion Channel. <i>Anesthesiology</i> , 1995, 82, 749-758.	2.5	39
54	Molecular actions of pentobarbitone on sodium channels in lipid bilayers: role of channel structure. <i>British Journal of Anaesthesia</i> , 1994, 72, 668-673.	3.4	9

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55	The voltage-dependent action of pentobarbital on batrachotoxin-modified human brain sodium channels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1194, 215-222.	2.6	14