

Noud van Helmond

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,003
citations

471509

17
h-index

302126

39
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82
all docs

82
docs citations

82
times ranked

3494
citing authors

#	ARTICLE	IF	CITATIONS
1	Convalescent Plasma Antibody Levels and the Risk of Death from Covid-19. <i>New England Journal of Medicine</i> , 2021, 384, 1015-1027.	27.0	438
2	Safety Update. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1888-1897.	3.0	364
3	The Effect of Convalescent Plasma Therapy on Mortality Among Patients With COVID-19: Systematic Review and Meta-analysis. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1262-1275.	3.0	129
4	Reductions in central venous pressure by lower body negative pressure or blood loss elicit similar hemodynamic responses. <i>Journal of Applied Physiology</i> , 2014, 117, 131-141.	2.5	80
5	Cuff-Less Methods for Blood Pressure Telemonitoring. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 40.	2.4	54
6	Convalescent Plasma Therapy for COVID-19: A Graphical Mosaic of the Worldwide Evidence. <i>Frontiers in Medicine</i> , 2021, 8, 684151.	2.6	50
7	Mortality in individuals treated with COVID-19 convalescent plasma varies with the geographic provenance of donors. <i>Nature Communications</i> , 2021, 12, 4864.	12.8	49
8	Access to and safety of COVID-19 convalescent plasma in the United States Expanded Access Program: A national registry study. <i>PLoS Medicine</i> , 2021, 18, e1003872.	8.4	43
9	T12 Dorsal Root Ganglion Stimulation to Treat Chronic Low Back Pain: A Case Series. <i>Neuromodulation</i> , 2020, 23, 203-212.	0.8	37
10	Physiological Mechanisms Mediating the Coupling between Heart Period and Arterial Pressure in Response to Postural Changes in Humans. <i>Frontiers in Physiology</i> , 2017, 8, 163.	2.8	34
11	Coagulation changes during lower body negative pressure and blood loss in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1591-H1597.	3.2	30
12	The Pathways and Processes Underlying Spinal Transmission of Low Back Pain: Observations From Dorsal Root Ganglion Stimulation Treatment. <i>Neuromodulation</i> , 2021, 24, 610-621.	0.8	30
13	Convalescent Plasma for Infectious Diseases: Historical Framework and Use in COVID-19. <i>Clinical Microbiology Newsletter</i> , 2021, 43, 23-32.	0.7	29
14	Hyperalgesia and Persistent Pain after Breast Cancer Surgery: A Prospective Randomized Controlled Trial with Perioperative COX-2 Inhibition. <i>PLoS ONE</i> , 2016, 11, e0166601.	2.5	28
15	Is Preoperative Quantitative Sensory Testing Related to Persistent Postsurgical Pain? A Systematic Literature Review. <i>Anesthesia and Analgesia</i> , 2020, 131, 1146-1155.	2.2	27
16	Accuracy of Vital Signs Measurements by a Smartwatch and a Portable Health Device: Validation Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e16811.	3.7	27
17	Mechanisms for the Clinical Utility of Low-Frequency Stimulation in Neuromodulation of the Dorsal Root Ganglion. <i>Neuromodulation</i> , 2021, 24, 738-745.	0.8	24
18	Very Low Frequencies Maintain Pain Relief From Dorsal Root Ganglion Stimulation: An Evaluation of Dorsal Root Ganglion Neurostimulation Frequency Tapering. <i>Neuromodulation</i> , 2021, 24, 746-752.	0.8	18

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19	The accuracy of blood pressure measurement by a smartwatch and a portable health device. <i>Hospital Practice</i> (1995), 2019, 47, 211-215.	1.0	17
20	Dorsal Root Ganglion Stimulation Normalizes Measures of Pain Processing in Patients with Chronic Low-Back Pain: A Prospective Pilot Study using Quantitative Sensory Testing. <i>Pain Practice</i> , 2021, 21, 568-577.	1.9	16
21	Lead migration and fracture rate in dorsal root ganglion stimulation using anchoring and non-anchoring techniques: A multicenter pooled data analysis. <i>Pain Practice</i> , 2021, 21, 859-870.	1.9	16
22	High Body Mass Index Is a Potential Risk Factor for Persistent Postoperative Pain after Breast Cancer Treatment. <i>Pain Physician</i> , 2017, 20, E661-E671.	0.4	16
23	White blood cell concentrations during lower body negative pressure and blood loss in humans. <i>Experimental Physiology</i> , 2016, 101, 1265-1275.	2.0	15
24	Chemotherapy-Induced Peripheral Neuropathy Treated with Dorsal Root Ganglion Stimulation. <i>Pain Medicine</i> , 2019, 20, 857-859.	1.9	12
25	Coccydynia Treated with Dorsal Root Ganglion Stimulation. <i>Case Reports in Anesthesiology</i> , 2018, 2018, 1-4.	0.4	11
26	Is cuffless blood pressure measurement already here?. <i>Journal of Hypertension</i> , 2020, 38, 774-775.	0.5	10
27	Does Nipple Discharge Color Predict (pre-) Malignant Breast Pathology?. <i>Breast Journal</i> , 2016, 22, 202-208.	1.0	9
28	Predicting Persistent Pain After Surgery. <i>Anesthesia and Analgesia</i> , 2018, 127, 1264-1267.	2.2	9
29	Unilateral Dorsal Root Ganglion Stimulation Lead Placement With Resolution of Bilateral Lower Extremity Symptoms in Diabetic Peripheral Neuropathy. <i>Cureus</i> , 2020, 12, e10735.	0.5	9
30	Effect of acute hypoxemia on cerebral blood flow velocity control during lower body negative pressure. <i>Physiological Reports</i> , 2018, 6, e13594.	1.7	8
31	Creating a Strain Relief Loop during S1 Transforaminal Lead Placement for Dorsal Root Ganglion Stimulation for Foot Pain: A Technical Note. <i>Pain Practice</i> , 2018, 18, 539-543.	1.9	7
32	Dorsal Root Ganglion Stimulation to Treat Persistent Abdominal Pain After Bypass Surgery. <i>Pain Medicine</i> , 2020, 21, 201-203.	1.9	7
33	Objective Improvements in Peripheral Arterial Disease from Dorsal Root Ganglion Stimulation: A Case Series. <i>Annals of Vascular Surgery</i> , 2021, 74, 519.e7-519.e16.	0.9	7
34	A paramedian approach for dorsal root ganglion stimulation placement developed to limit lead migration and fracture. <i>Pain Practice</i> , 2021, 21, 991-1000.	1.9	7
35	Time to Functional Recovery After Laser Tonsillectomy Performed Under Local Anesthesia vs Conventional Tonsillectomy With General Anesthesia Among Adults. <i>JAMA Network Open</i> , 2022, 5, e2148655.	5.9	6
36	Dorsal root ganglion stimulation device explantation: A multicenter pooled data analysis. <i>Pain Practice</i> , 2022, 22, 522-531.	1.9	6

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37	A Quantitative Sensory Testing Paradigm to Obtain Measures of Pain Processing in Patients Undergoing Breast Cancer Surgery. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	5
38	Lumbar Transgrade Dorsal Root Ganglion Stimulation Lead Placement in Patients with Postâ€ Surgical Anatomical Changes: A Technical Note. <i>Pain Practice</i> , 2020, 20, 399-404.	1.9	5
39	Dorsal Root Ganglion Stimulation Lead Fracture Within the Superficial Fascial Layers in 4 Cases. <i>A&A Practice</i> , 2020, 14, e01307.	0.4	5
40	Single-Incision Approach to Implantation of the Pulse Generator and Leads for Dorsal Root Ganglion Stimulation. <i>A&A Practice</i> , 2018, 10, 23-27.	0.4	4
41	Lumbar Dorsal Root Ganglion Stimulation Lead Placement Using an Outside-In Technique in 4 Patients With Failed Back Surgery Syndrome: A Case Series. <i>A&A Practice</i> , 2020, 14, e01300.	0.4	4
42	Lumbar Radiofrequency Ablation Interfering With S1 Dorsal Root Ganglion Stimulation Systems: Experience From Two Cases. <i>Pain Practice</i> , 2020, 20, 780-786.	1.9	4
43	Correlation of Country Characteristics and Government Response Measures With COVID-19 Mortality During the First Phase of the Global COVID-19 Pandemic: A Worldwide Ecological Study. <i>Cureus</i> , 2021, 13, e18689.	0.5	4
44	Blood Pressure Measurement Validation Off the Cuff? Comment on â€ A New Cuffless Device for Measuring Blood Pressure: A Real-Life Validation Studyâ€. <i>Journal of Medical Internet Research</i> , 2018, 20, e10089.	4.3	4
45	Coagulation profile of human COVID-19 convalescent plasma. <i>Scientific Reports</i> , 2022, 12, 637.	3.3	4
46	Cervical Retrograde Spinal Cord Stimulation Lead Placement to Treat Failed Back Surgery Syndrome. <i>A & A Case Reports</i> , 2017, 8, 334-336.	0.7	3
47	A Pilot Study Comparing Aortic Valve Area Estimates Derived from Fick Cardiac Output with Estimates Based on Cheetah-NICOM Cardiac Output. <i>Scientific Reports</i> , 2020, 10, 7852.	3.3	3
48	Dorsal Root Ganglion Stimulation as a Salvage Therapy Following Failed Spinal Cord Stimulation. <i>Neuromodulation</i> , 2022, , .	0.8	3
49	CO ₂ -Lasertonsillotomy Under Local Anesthesia in Adults. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	2
50	Fascial Plane Blocks for Cardiac Surgery: Less Is More?. <i>Anesthesia and Analgesia</i> , 2020, 131, e166-e167.	2.2	2
51	Cuffâ€less blood pressure measurement with pulse transit time: The importance of rigorous assessment. <i>Journal of Clinical Hypertension</i> , 2021, 23, 71-72.	2.0	2
52	Intermittent Dorsal Root Ganglion Stimulation Is as Efficacious as Standard Continuous Dosing in Treating Chronic Pain: Results From a Randomized Controlled Feasibility Trial. <i>Neuromodulation</i> , 2022, 25, 989-997.	0.8	2
53	Investigating cerebral blood flow control to save the newborn brain. <i>Journal of Physiology</i> , 2018, 596, 5509-5510.	2.9	1
54	Cuff-less, Personal, Ambulatory Blood Pressure Devices and Disruption of Existing Blood Pressure Measurement Paradigms. <i>American Journal of Hypertension</i> , 2020, 33, 813-815.	2.0	1

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55	Hereditary pseudocholinesterase deficiency discovery after electroconvulsive therapy. <i>BMJ Case Reports</i> , 2021, 14, e239206.	0.5	1
56	Near-Infrared Spectroscopy Monitoring in Pediatric Anesthesiology: A Pro-Con Discussion. <i>Cureus</i> , 2021, 13, e13875.	0.5	1
57	Opioid tapering following the transfer of care of outpatient chronic non-cancer pain patients on high-dose opioid therapy. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 535-536.	2.3	1
58	Development and Performance of a Web-Based Tool to Adjust Urine Toxicology Testing Frequency: Retrospective Study. <i>JMIR Medical Informatics</i> , 2020, 8, e16069.	2.6	1
59	Comment on "Feasibility of a New Cuffless Device for Ambulatory Blood Pressure Measurement in Patients With Hypertension: Mixed Methods Study". <i>Journal of Medical Internet Research</i> , 2020, 22, e15952.	4.3	1
60	Liposomal Bupivacaine Versus Bupivacaine for Intercostal Nerve Blocks in Thoracic Surgery: A Retrospective Analysis. <i>Pain Physician</i> , 2020, 23, E251-E258.	0.4	1
61	Computed tomography lung volume estimation to facilitate protective mechanical ventilation in a patient with achondroplasia and spina bifida. <i>Anaesthesia and Intensive Care</i> , 2019, 47, 474-475.	0.7	0
62	Videolaryngoscopic intubation may have a higher risk of severe oropharyngeal injury than intubation under direct laryngoscopy: A review of 30,633 intubations. <i>Journal of Clinical Anesthesia</i> , 2019, 58, 91-92.	1.6	0
63	Electronic medical record registration of ventilatory parameters during critical stages of anesthesia: Does the data reflect reality?. <i>Journal of Clinical Anesthesia</i> , 2020, 63, 109792.	1.6	0
64	Aorto-Right Atrial Fistula as a Complication of Tricuspid Valve Repair. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 677-679.	1.3	0
65	Computer-Assisted Instrument Guidance to Improve Adductor Canal Block Performance for Total Knee Arthroplasty: A Pilot Randomized Controlled Trial. <i>Cureus</i> , 2021, 13, e14300.	0.5	0
66	Hemodynamic responses during lower body negative pressure and hemorrhage in humans. <i>FASEB Journal</i> , 2013, 27, 1206.3.	0.5	0
67	White Blood Cell Counts during Lower Body Negative Pressure vs. Blood Loss in Humans. <i>FASEB Journal</i> , 2016, 30, 1241.1.	0.5	0
68	Sympathetic Neuro-Hemodynamic Transduction at Rest in Subjects with Low and High Tolerance to Simulated Blood Loss. <i>FASEB Journal</i> , 2018, 32, lb266.	0.5	0
69	Validation of Two Pulse Transit Time-Based Blood Pressure Measurement Devices. <i>FASEB Journal</i> , 2019, 33, 835.7.	0.5	0
70	Response to: "Single-Center Retrospective Analysis of Device-Related Complications Related to Dorsal Root Ganglion Stimulation for Pain Relief in 31 Patients". <i>Neuromodulation</i> , 2021, , .	0.8	0
71	The Incidence, Degree, and Timing of Hypocalcemia From Massive Transfusion: A Retrospective Review. <i>Cureus</i> , 2022, 14, e22093.	0.5	0
72	Time to Post-Anesthesia Neurological Evaluation and Hemodynamic Stability in Carotid Endarterectomy Comparing Three General Anesthetic Techniques Targeted to a Preset Bispectral Index Value: A Pilot Study. <i>AANA Journal</i> , 2021, 89, 213-220.	0.4	0

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73	Serratus Anterior Plane Block Versus Intercostal Nerve Blocks in Thoracic Surgery: A Retrospective Analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, , .	1.3	0