Noud van Helmond

List of Publications by Year
in descending order

73 papers	2,003 citations	471509 17 h-index	302126 39 g-index
82 all docs	82 docs citations	82 times ranked	3494 citing authors

#	Article	IF	Citations
1	Intermittent Dorsal Root Ganglion Stimulation Is as Efficacious as Standard Continuous Dosing in Treating Chronic Pain: Results From a Randomized Controlled Feasibility Trial. Neuromodulation, 2022, 25, 989-997.	0.8	2
2	Coagulation profile of human COVID-19 convalescent plasma. Scientific Reports, 2022, 12, 637.	3.3	4
3	The Incidence, Degree, and Timing of Hypocalcemia From Massive Transfusion: A Retrospective Review. Cureus, 2022, 14, e22093.	0.5	0
4	Time to Functional Recovery After Laser Tonsillotomy Performed Under Local Anesthesia vs Conventional Tonsillectomy With General Anesthesia Among Adults. JAMA Network Open, 2022, 5, e2148655.	5.9	6
5	Serratus Anterior Plane Block Versus Intercostal Nerve Blocks in Thoracic Surgery: A Retrospective Analysis. Journal of Cardiothoracic and Vascular Anesthesia, 2022, , .	1.3	0
6	Dorsal root ganglion stimulation device explantation: A multicenter pooled data analysis. Pain Practice, 2022, 22, 522-531.	1.9	6
7	Dorsal Root Ganglion Stimulation as a Salvage Therapy Following Failed Spinal Cord Stimulation. Neuromodulation, 2022, , .	0.8	3
8	Very Low Frequencies Maintain Pain Relief From Dorsal Root Ganglion Stimulation: An Evaluation of Dorsal Root Ganglion Neurostimulation Frequency Tapering. Neuromodulation, 2021, 24, 746-752.	0.8	18
9	Mechanisms for the Clinical Utility of Low-Frequency Stimulation in Neuromodulation of the Dorsal Root Ganglion. Neuromodulation, 2021, 24, 738-745.	0.8	24
10	The Pathways and Processes Underlying Spinal Transmission of Low Back Pain: Observations From Dorsal Root Ganglion Stimulation Treatment. Neuromodulation, 2021, 24, 610-621.	0.8	30
11	Cuffâ€less blood pressure measurement with pulse transit time: The importance of rigorous assessment. Journal of Clinical Hypertension, 2021, 23, 71-72.	2.0	2
12	Hereditary pseudocholinesterase deficiency discovery after electroconvulsive therapy. BMJ Case Reports, 2021, 14, e239206.	0.5	1
13	Dorsal Root Ganglion Stimulation Normalizes Measures of Pain Processing in Patients with Chronic Lowâ€Back Pain: A Prospective Pilot Study using Quantitative Sensory Testing. Pain Practice, 2021, 21, 568-577.	1.9	16
14	Convalescent Plasma for Infectious Diseases: Historical Framework and Use in COVID-19. Clinical Microbiology Newsletter, 2021, 43, 23-32.	0.7	29
15	Aorto-Right Atrial Fistula as a Complication of Tricuspid Valve Repair. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 677-679.	1.3	0
16	Convalescent Plasma Antibody Levels and the Risk of Death from Covid-19. New England Journal of Medicine, 2021, 384, 1015-1027.	27.0	438
17	Near-Infrared Spectroscopy Monitoring in Pediatric Anesthesiology: A Pro-Con Discussion. Cureus, 2021, 13, e13875.	0.5	1
18	Computer-Assisted Instrument Guidance to Improve Adductor Canal Block Performance for Total Knee Arthroplasty: A Pilot Randomized Controlled Trial. Cureus, 2021, 13, e14300.	0.5	0

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19	The Effect of Convalescent Plasma Therapy on Mortality Among Patients With COVID-19: Systematic Review and Meta-analysis. Mayo Clinic Proceedings, 2021, 96, 1262-1275.	3.0	129
20	Convalescent Plasma Therapy for COVID-19: A Graphical Mosaic of the Worldwide Evidence. Frontiers in Medicine, 2021, 8, 684151.	2.6	50
21	Objective Improvements in Peripheral Arterial Disease from Dorsal Root Ganglion Stimulation: A Case Series. Annals of Vascular Surgery, 2021, 74, 519.e7-519.e16.	0.9	7
22	Lead migration and fracture rate in dorsal root ganglion stimulation using anchoring and nonâ€anchoring techniques: A multicenter pooled data analysis. Pain Practice, 2021, 21, 859-870.	1.9	16
23	A paramedian approach for dorsal root ganglion stimulation placement developed to limit lead migration and fracture. Pain Practice, 2021, 21, 991-1000.	1.9	7
24	Mortality in individuals treated with COVID-19 convalescent plasma varies with the geographic provenance of donors. Nature Communications, 2021, 12, 4864.	12.8	49
25	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. Cureus, 2021, 13, e18689.	0.5	4
26	Opioid tapering following the transfer of care of outpatient chronic non-cancer pain patients on high-dose opioid therapy. Regional Anesthesia and Pain Medicine, 2021, 46, 535-536.	2.3	1
27	Response to: â€œ Singleâ€Center Retrospective Analysis of Deviceâ€Related Complications Related to Dorsal Root Ganglion Stimulation for Pain Relief in 31 Patientsâ€• Neuromodulation, 2021, , .	0.8	0
28	Access to and safety of COVID-19 convalescent plasma in the United States Expanded Access Program: A national registry study. PLoS Medicine, 2021, 18, e1003872.	8.4	43
29	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. AANA Journal, 2021, 89, 213-220.	0.4	0
30	Lumbar Transgrade Dorsal Root Ganglion Stimulation Lead Placement in Patients with Postâ€Surgical Anatomical Changes: A Technical Note. Pain Practice, 2020, 20, 399-404.	1.9	5
31	T12 Dorsal Root Ganglion Stimulation to Treat Chronic Low Back Pain: A Case Series. Neuromodulation, 2020, 23, 203-212.	0.8	37
32	Dorsal Root Ganglion Stimulation to Treat Persistent Abdominal Pain After Bypass Surgery. Pain Medicine, 2020, 21, 201-203.	1.9	7
33	Dorsal Root Ganglion Stimulation Lead Fracture Within the Superficial Fascial Layers in 4 Cases. A&A Practice, 2020, 14, e01307.	0.4	5
34	Safety Update. Mayo Clinic Proceedings, 2020, 95, 1888-1897.	3.0	364
35	Is cuffless blood pressure measurement already here?. Journal of Hypertension, 2020, 38, 774-775.	0.5	10
36	Fascial Plane Blocks for Cardiac Surgery: Less Is More?. Anesthesia and Analgesia, 2020, 131, e166-e167.	2.2	2

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37	Lumbar Dorsal Root Ganglion Stimulation Lead Placement Using an Outside-In Technique in 4 Patients With Failed Back Surgery Syndrome: A Case Series. A&A Practice, 2020, 14, e01300.	0.4	4
38	Is Preoperative Quantitative Sensory Testing Related to Persistent Postsurgical Pain? A Systematic Literature Review. Anesthesia and Analgesia, 2020, 131, 1146-1155.	2.2	27
39	A Pilot Study Comparing Aortic Valve Area Estimates Derived from Fick Cardiac Output with Estimates Based on Cheetah-NICOM Cardiac Output. Scientific Reports, 2020, 10, 7852.	3.3	3
40	Cuff-less, Personal, Ambulatory Blood Pressure Devices and Disruption of Existing Blood Pressure Measurement Paradigms. American Journal of Hypertension, 2020, 33, 813-815.	2.0	1
41	Electronic medical record registration of ventilatory parameters during critical stages of anesthesia: Does the data reflect reality?. Journal of Clinical Anesthesia, 2020, 63, 109792.	1.6	0
42	Lumbar Radiofrequency Ablation Interfering With S1 Dorsal Root Ganglion Stimulation Systems: Experience From Two Cases. Pain Practice, 2020, 20, 780-786.	1.9	4
43	Accuracy of Vital Signs Measurements by a Smartwatch and a Portable Health Device: Validation Study. JMIR MHealth and UHealth, 2020, 8, e16811.	3.7	27
44	Development and Performance of a Web-Based Tool to Adjust Urine Toxicology Testing Frequency: Retrospective Study. JMIR Medical Informatics, 2020, 8, e16069.	2.6	1
45	Comment on â€œFeasibility of a New Cuffless Device for Ambulatory Blood Pressure Measurement in Patients With Hypertension: Mixed Methods Studyâ€• Journal of Medical Internet Research, 2020, 22, e15952.	4.3	1
46	Unilateral Dorsal Root Ganglion Stimulation Lead Placement With Resolution of Bilateral Lower Extremity Symptoms in Diabetic Peripheral Neuropathy. Cureus, 2020, 12, e10735.	0.5	9
47	Liposomal Bupivacaine Versus Bupivacaine for Intercostal Nerve Blocks in Thoracic Surgery: A Retrospective Analysis. Pain Physician, 2020, 23, E251-E258.	0.4	1
48	The accuracy of blood pressure measurement by a smartwatch and a portable health device. Hospital Practice (1995), 2019, 47, 211-215.	1.0	17
49	Computed tomography lung volume estimation to facilitate protective mechanical ventilation in a patient with achondroplasia and spina bifida. Anaesthesia and Intensive Care, 2019, 47, 474-475.	0.7	0
50	Videolaryngoscopic intubation may have a higher risk of severe oropharyngeal injury than intubation under direct laryngoscopy: A review of 30,633 intubations. Journal of Clinical Anesthesia, 2019, 58, 91-92.	1.6	0
51	Cuff-Less Methods for Blood Pressure Telemonitoring. Frontiers in Cardiovascular Medicine, 2019, 6, 40.	2.4	54
52	CO₂-Lasertonsillotomy Under Local Anesthesia in Adults. Journal of Visualized Experiments, 2019, , .	0.3	2
53	Chemotherapy-Induced Peripheral Neuropathy Treated with Dorsal Root Ganglion Stimulation. Pain Medicine, 2019, 20, 857-859.	1.9	12
54	Validation of Two Pulse Transit Timeâ€Based Blood Pressure Measurement Devices. FASEB Journal, 2019, 33, 835.7.	0.5	0

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55	Predicting Persistent Pain After Surgery. Anesthesia and Analgesia, 2018, 127, 1264-1267.	2.2	9
56	Effect of acute hypoxemia on cerebral blood flow velocity control during lower body negative pressure. Physiological Reports, 2018, 6, e13594.	1.7	8
57	A Quantitative Sensory Testing Paradigm to Obtain Measures of Pain Processing in Patients Undergoing Breast Cancer Surgery. Journal of Visualized Experiments, 2018, , .	0.3	5
58	Creating a Strain Relief Loop during S1 Transforaminal Lead Placement for Dorsal Root Ganglion Stimulation for Foot Pain: A Technical Note. Pain Practice, 2018, 18, 539-543.	1.9	7
59	Single-Incision Approach to Implantation of the Pulse Generator and Leads for Dorsal Root Ganglion Stimulation. A&A Practice, 2018, 10, 23-27.	0.4	4
60	Investigating cerebral blood flow control to save the newborn brain. Journal of Physiology, 2018, 596, 5509-5510.	2.9	1
61	Coccydynia Treated with Dorsal Root Ganglion Stimulation. Case Reports in Anesthesiology, 2018, 2018, 1-4.	0.4	11
62	Sympathetic Neuroâ€Hemodynamic Transduction at Rest in Subjects with Low and High Tolerance to Simulated Blood Loss. FASEB Journal, 2018, 32, lb266.	0.5	0
63	Blood Pressure Measurement Validation Off the Cuff? Comment on â€œA New Cuffless Device for Measuring Blood Pressure: A Real-Life Validation Studyâ€. Journal of Medical Internet Research, 2018, 20, e10089.	4.3	4
64	Cervical Retrograde Spinal Cord Stimulation Lead Placement to Treat Failed Back Surgery Syndrome. A & A Case Reports, 2017, 8, 334-336.	0.7	3
65	Physiological Mechanisms Mediating the Coupling between Heart Period and Arterial Pressure in Response to Postural Changes in Humans. Frontiers in Physiology, 2017, 8, 163.	2.8	34
66	High Body Mass Index Is a Potential Risk Factor for Persistent Postoperative Pain after Breast Cancer Treatment. Pain Physician, 2017, 20, E661-E671.	0.4	16
67	Hyperalgesia and Persistent Pain after Breast Cancer Surgery: A Prospective Randomized Controlled Trial with Perioperative COX-2 Inhibition. PLoS ONE, 2016, 11, e0166601.	2.5	28
68	Does Nipple Discharge Color Predict (preâ€) Malignant Breast Pathology?. Breast Journal, 2016, 22, 202-208.	1.0	9
69	White blood cell concentrations during lower body negative pressure and blood loss in humans. Experimental Physiology, 2016, 101, 1265-1275.	2.0	15
70	White Blood Cell Counts during Lower Body Negative Pressure vs. Blood Loss in Humans. FASEB Journal, 2016, 30, 1241.1.	0.5	0
71	Coagulation changes during lower body negative pressure and blood loss in humans. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1591-H1597.	3.2	30
72	Reductions in central venous pressure by lower body negative pressure or blood loss elicit similar hemodynamic responses. Journal of Applied Physiology, 2014, 117, 131-141.	2.5	80

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73	Hemodynamic responses during lower body negative pressure and hemorrhage in humans. FASEB Journal, 2013, 27, 1206.3.	0.5	0