

# Raymond van de Berg

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

2,069  
citations

236925

25  
h-index

302126

39  
g-index

91  
all docs

91  
docs citations

91  
times ranked

1140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Driving ability in patients with dizziness: a systematic review. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 1813-1829.	1.6	4
2	Bilateral vestibulopathy decreases self-motion perception. <i>Journal of Neurology</i> , 2022, 269, 5216-5228.	3.6	11
3	Curriculum for Vestibular Medicine (VestMed) proposed by the Bárány Society. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2022, 32, 89-98.	2.0	4
4	Falls Among People With Bilateral Vestibulopathy. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2022, 148, 187.	2.2	7
5	Fitting the determined impedance in the guinea pig inner ear to Randles circuit using square error minimization in the range of 100 Hz to 50 kHz. <i>Biomedical Physics and Engineering Express</i> , 2022, 8, 025005.	1.2	2
6	Bilateral vestibulopathy patients' perspectives on vestibular implant treatment: a qualitative study. <i>Journal of Neurology</i> , 2022, 269, 5249-5257.	3.6	6
7	Development and Content Validity of the Bilateral Vestibulopathy Questionnaire. <i>Frontiers in Neurology</i> , 2022, 13, 852048.	2.4	5
8	Patterns of Vestibular Impairment in Bilateral Vestibulopathy and Its Relation to Etiology. <i>Frontiers in Neurology</i> , 2022, 13, 856472.	2.4	8
9	Reported thresholds of self-motion perception are influenced by testing paradigm. <i>Journal of Neurology</i> , 2022, , 1.	3.6	0
10	The DizzyQuest: relation between self-reported hearing loss, tinnitus and objective hearing thresholds in patients with Meniere's disease. <i>Journal of Neurology</i> , 2022, 269, 5239-5248.	3.6	5
11	Suppression Head Impulse Test (SHIMP) versus Head Impulse Test (HIMP) When Diagnosing Bilateral Vestibulopathy. <i>Journal of Clinical Medicine</i> , 2022, 11, 2444.	2.4	8
12	Sound localization in patients with bilateral vestibulopathy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, , .	1.6	2
13	Optimized Signal Analysis to Quantify the Non-Linear Behaviour of the Electrically Evoked Vestibulo-Ocular Reflex in Patients with a Vestibular Implant. <i>Audiology and Neuro-Otology</i> , 2022, 27, 458-468.	1.3	2
14	Diagnosing vestibular hypofunction: an update. <i>Journal of Neurology</i> , 2021, 268, 377-385.	3.6	43
15	Vestibular migraine and recurrent vertigo of childhood: Diagnostic criteria consensus document of the Classification Committee of Vestibular Disorders of the Bárány Society and the International Headache Society. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2021, 31, 1-9.	2.0	66
16	Deep learning for the fully automated segmentation of the inner ear on MRI. <i>Scientific Reports</i> , 2021, 11, 2885.	3.3	35
17	Paving the Way Toward Distinguishing Fallers From Non-fallers in Bilateral Vestibulopathy: A Wide Pilot Observation. <i>Frontiers in Neurology</i> , 2021, 12, 611648.	2.4	4
18	An exploratory investigation on spatiotemporal parameters, margins of stability, and their interaction in bilateral vestibulopathy. <i>Scientific Reports</i> , 2021, 11, 6427.	3.3	10

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19	The resilience of the inner ear’s vestibular and audiometric impact of transmastoid semicircular canal plugging. <i>Journal of Neurology</i> , 2021, , 1.	3.6	7
20	Genotype-Phenotype Correlation Study in a Large Series of Patients Carrying the p.Pro51Ser (p.P51S) Variant in COCH (DFNA9) Part II: A Prospective Cross-Sectional Study of the Vestibular Phenotype in 111 Carriers. <i>Ear and Hearing</i> , 2021, 42, 1525-1543.	2.1	12
21	The Effect of Different Head Movement Paradigms on Vestibulo-Ocular Reflex Gain and Saccadic Eye Responses in the Suppression Head Impulse Test in Healthy Adult Volunteers. <i>Frontiers in Neurology</i> , 2021, 12, 729081.	2.4	8
22	Attitudes of Potential Participants Towards Potential Gene Therapy Trials in Autosomal Dominant Progressive Sensorineural Hearing Loss. <i>Otology and Neurotology</i> , 2021, 42, 384-389.	1.3	3
23	Prospective Analysis of an Evidence-Based Symptom Set in Superior Canal Dehiscence Syndrome. <i>Otology and Neurotology</i> , 2021, 42, e186-e192.	1.3	5
24	DISCOHAT: An Acronym to Describe the Spectrum of Symptoms Related to Bilateral Vestibulopathy. <i>Frontiers in Neurology</i> , 2021, 12, 771650.	2.4	8
25	History Taking in Non-Acute Vestibular Symptoms: A 4-Step Approach. <i>Journal of Clinical Medicine</i> , 2021, 10, 5726.	2.4	7
26	2BALANCE: Test-retest reliability of a cognitive-motor dual-task protocol. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2021, , 1-13.	2.0	1
27	Vestibular Implantation and the Feasibility of Fluoroscopy-Guided Electrode Insertion. <i>Otolaryngologic Clinics of North America</i> , 2020, 53, 115-126.	1.1	13
28	Restoring the High-Frequency Dynamic Visual Acuity with a Vestibular Implant Prototype in Humans. <i>Audiology and Neuro-Otology</i> , 2020, 25, 91-95.	1.3	19
29	Psychometric Properties of Cognitive-Motor Dual-Task Studies With the Aim of Developing a Test Protocol for Persons With Vestibular Disorders: A Systematic Review. <i>Ear and Hearing</i> , 2020, 41, 3-16.	2.1	21
30	Bilateral vestibulopathy: beyond imbalance and oscillopsia. <i>Journal of Neurology</i> , 2020, 267, 241-255.	3.6	38
31	The vestibular implant: Opinion statement on implantation criteria for research1. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2020, 30, 213-223.	2.0	26
32	DIZZYNET 2020: basic and clinical vestibular research united. <i>Journal of Neurology</i> , 2020, 267, 1-2.	3.6	16
33	The ‘hype’ of hydrops in classifying vestibular disorders: a narrative review. <i>Journal of Neurology</i> , 2020, 267, 197-211.	3.6	21
34	Introducing the DizzyQuest: an app-based diary for vestibular disorders. <i>Journal of Neurology</i> , 2020, 267, 3-14.	3.6	8
35	The DizzyQuest: to have or not to have a vertigo attack?. <i>Journal of Neurology</i> , 2020, 267, 15-23.	3.6	3
36	Comparison of three video head impulse test systems for the diagnosis of bilateral vestibulopathy. <i>Journal of Neurology</i> , 2020, 267, 256-264.	3.6	17

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37	The Virtual Morris Water Task in 64 Patients With Bilateral Vestibulopathy and the Impact of Hearing Status. <i>Frontiers in Neurology</i> , 2020, 11, 710.	2.4	15
38	Simultaneous activation of multiple vestibular pathways upon electrical stimulation of semicircular canal afferents. <i>Journal of Neurology</i> , 2020, 267, 273-284.	3.6	4
39	Bilateral vestibulopathy and age: experimental considerations for testing dynamic visual acuity on a treadmill. <i>Journal of Neurology</i> , 2020, 267, 265-272.	3.6	9
40	A Systematic Review on Balance Performance in Patients With Bilateral Vestibulopathy. <i>Physical Therapy</i> , 2020, 100, 1582-1594.	2.4	14
41	Prospective cohort study on the predictors of fall risk in 119 patients with bilateral vestibulopathy. <i>PLoS ONE</i> , 2020, 15, e0228768.	2.5	30
42	Influence of systematic variations of the stimulation profile on responses evoked with a vestibular implant prototype in humans. <i>Journal of Neural Engineering</i> , 2020, 17, 036027.	3.5	6
43	2BALANCE: a cognitive-motor dual-task protocol for individuals with vestibular dysfunction. <i>BMJ Open</i> , 2020, 10, e037138.	1.9	12
44	Cervical myogenic potentials and controlled postural responses elicited by a prototype vestibular implant. <i>Journal of Neurology</i> , 2019, 266, 33-41.	3.6	23
45	Presbyvestibulopathy: Diagnostic criteria Consensus document of the classification committee of the Bárány Society. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2019, 29, 161-170.	2.0	126
46	A New and Faster Test to Assess Vestibular Perception. <i>Frontiers in Neurology</i> , 2019, 10, 707.	2.4	16
47	The Functional Head Impulse Test to Assess Oscillopsia in Bilateral Vestibulopathy. <i>Frontiers in Neurology</i> , 2019, 10, 365.	2.4	25
48	Cognitive Function in Acquired Bilateral Vestibulopathy: A Cross-Sectional Study on Cognition, Hearing, and Vestibular Loss. <i>Frontiers in Neuroscience</i> , 2019, 13, 340.	2.8	58
49	Experimental Investigation of Electric Signal Transmission Through Vestibular Organ Tissues. <i>Russian Physics Journal</i> , 2019, 61, 2264-2267.	0.4	1
50	The Interrelations Between Different Causes of Dizziness: A Conceptual Framework for Understanding Vestibular Disorders. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2019, 128, 869-878.	1.1	30
51	Electrophysical Properties and Determination of the Impedance of Vestibular Labyrinth Tissues. <i>Russian Physics Journal</i> , 2019, 61, 2019-2027.	0.4	3
52	Drafting a Surgical Procedure Using a Computational Anatomy Driven Approach for Precise, Robust, and Safe Vestibular Neuroprosthesis Placement—When One Size Does Not Fit All. <i>Otology and Neurotology</i> , 2019, 40, S51-S58.	1.3	5
53	The walking speed-dependency of gait variability in bilateral vestibulopathy and its association with clinical tests of vestibular function. <i>Scientific Reports</i> , 2019, 9, 18392.	3.3	25
54	Challenges in evaluating the oculomotor function in individuals with Rett syndrome using electronystagmography. <i>European Journal of Paediatric Neurology</i> , 2019, 23, 262-269.	1.6	9

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55	Vibrotactile feedback improves balance and mobility in patients with severe bilateral vestibular loss. <i>Journal of Neurology</i> , 2019, 266, 19-26.	3.6	40
56	Designing artificial senses: steps from physiology to clinical implementation. <i>Swiss Medical Weekly</i> , 2019, 149, w20061.	1.6	0
57	Aggregating the symptoms of superior semicircular canal dehiscence syndrome. <i>Laryngoscope</i> , 2018, 128, 1932-1938.	2.0	42
58	Electric Current Transmission Through Tissues of the Vestibular Labyrinth of a Patient: Perfection of the Vestibular Implant. <i>Russian Physics Journal</i> , 2018, 60, 2019-2024.	0.4	5
59	Laboratory examinations for the vestibular system. <i>Current Opinion in Neurology</i> , 2018, 31, 111-116.	3.6	31
60	Oculomotor Function in Individuals With Rett Syndrome. <i>Pediatric Neurology</i> , 2018, 88, 48-58.	2.1	7
61	Optimization of 3D-Visualization of Micro-Anatomical Structures of the Human Inner Ear in Osmium Tetroxide Contrast Enhanced Micro-CT Scans. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 41.	1.7	18
62	The Video Head Impulse Test and the Influence of Daily Use of Spectacles to Correct a Refractive Error. <i>Frontiers in Neurology</i> , 2018, 9, 125.	2.4	11
63	Full Spectrum of Reported Symptoms of Bilateral Vestibulopathy Needs Further Investigation – A Systematic Review. <i>Frontiers in Neurology</i> , 2018, 9, 352.	2.4	62
64	The vestibular implant: A probe in orbit around the human balance system. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2017, 27, 51-61.	2.0	37
65	The Vestibular Implant: Hearing Preservation during Intralabyrinthine Electrode Insertion – A Case Report. <i>Frontiers in Neurology</i> , 2017, 8, 137.	2.4	25
66	Heterogeneity in Reported Outcome Measures after Surgery in Superior Canal Dehiscence Syndrome – A Systematic Literature Review. <i>Frontiers in Neurology</i> , 2017, 8, 347.	2.4	22
67	The Video Head Impulse Test to Assess the Efficacy of Vestibular Implants in Humans. <i>Frontiers in Neurology</i> , 2017, 8, 600.	2.4	30
68	The Vestibular Implant Input Interacts with Residual Natural Function. <i>Frontiers in Neurology</i> , 2017, 8, 644.	2.4	37
69	Characterization of Cochlear, Vestibular and Cochlear-Vestibular Electrically Evoked Compound Action Potentials in Patients with a Vestibulo-Cochlear Implant. <i>Frontiers in Neuroscience</i> , 2017, 11, 645.	2.8	14
70	Bilateral Vestibular Hypofunction: Insights in Etiologies, Clinical Subtypes, and Diagnostics. <i>Frontiers in Neurology</i> , 2016, 7, 26.	2.4	132
71	An Exploratory Study to Detect Multiple Sclerosis Disease in Conventional MRI Scans Using Radiomics. <i>Frontiers in Neurology</i> , 2016, 7, 190.	2.4	12
72	Restoring Visual Acuity in Dynamic Conditions with a Vestibular Implant. <i>Frontiers in Neuroscience</i> , 2016, 10, 577.	2.8	43

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73	Characterization of pulse amplitude and pulse rate modulation for a human vestibular implant during acute electrical stimulation. <i>Journal of Neural Engineering</i> , 2016, 13, 046023.	3.5	18
74	Anatomy, physiology, and physics of the peripheral vestibular system. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2016, 137, 1-16.	1.8	47
75	Vestibular assistance systems: promises and challenges. <i>Journal of Neurology</i> , 2016, 263, 30-35.	3.6	21
76	Eye Gaze Technology as a Form of Augmentative and Alternative Communication for Individuals with Rett Syndrome: Experiences of Families in The Netherlands. <i>Journal of Developmental and Physical Disabilities</i> , 2016, 28, 101-112.	1.6	43
77	Determination of the Electrophysical Parameters of a Beam-Type High-Voltage Pulsed Discharge Plasma for Biomedical Research in a Highly Efficient Computing Environment. <i>Russian Physics Journal</i> , 2015, 58, 740-743.	0.4	2
78	Vestibular Implants: 8 Years of Experience with Electrical Stimulation of the Vestibular Nerve in 11 Patients with Bilateral Vestibular Loss. <i>Orl</i> , 2015, 77, 227-240.	1.1	71
79	Vestibular implants: Hope for improving the quality of life of patients with bilateral vestibular loss. , 2015, 2015, 7192-5.		14
80	Bilateral Vestibular Hypofunction: Challenges in Establishing the Diagnosis in Adults. <i>Orl</i> , 2015, 77, 197-218.	1.1	81
81	Medically unexplained otorhinolaryngological symptoms: Towards integrated psychiatric care. <i>Laryngoscope</i> , 2015, 125, 1583-1587.	2.0	9
82	First functional rehabilitation via vestibular implants. <i>Cochlear Implants International</i> , 2014, 15, S62-S64.	1.2	15
83	Artificial Balance: Restoration of the Vestibulo-Ocular Reflex in Humans with a Prototype Vestibular Neuroprosthesis. <i>Frontiers in Neurology</i> , 2014, 5, 66.	2.4	80
84	The vestibular implant: frequency-dependency of the electrically evoked vestibulo-ocular reflex in humans. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 255.	2.5	65
85	The Modified Ampullar Approach for Vestibular Implant Surgery: Feasibility and Its First Application in a Human with a Long-Term Vestibular Loss. <i>Frontiers in Neurology</i> , 2012, 3, 18.	2.4	69
86	The Vestibular Implant: Quo Vadis?. <i>Frontiers in Neurology</i> , 2011, 2, 47.	2.4	33
87	Bone-Anchored Hearing Aid. <i>Otology and Neurotology</i> , 2010, 31, 129-135.	1.3	64
88	Vestibular Implants in Humans: Steps Towards a Clinical Application. , 0, , .		0