David S Zee

List of Publications by Year
in descending order

117 papers	6,952 citations	117625 34 h-index	82547 72 g-index
120 all docs	120 docs citations	120 times ranked	3981 citing authors

#	Article	IF	Citations
1	Upbeat Nystagmus with an Unusual Velocity-Decreasing and Increasing Waveform: a Sign of Gaze-Holding Dysfunction in the Paramedian Tracts in the Medulla?. Cerebellum, 2023, 22, 148-154.	2.5	1
2	Nystagmus only with fixation in the light: a rare central sign due to cerebellar malfunction. Journal of Neurology, 2022, 269, 3879-3890.	3.6	2
3	Opinion and Special Articles: Remote Evaluation of Acute Vertigo. Neurology, 2021, 96, 34-38.	1.1	23
4	Cerebellumâ€"Editorial Regarding Consensus Paper Consensus on Virtual Management of Vestibular Disorders: Urgent Versus Expedited Care. Shaikh et al., doi.org/10.1007/s12311-020â€"01178-8. Cerebellum, 2021, 20, 1-3.	2.5	7
5	Neuroâ€Ophthalmological Findings in Early Fatal Familial Insomnia. Annals of Neurology, 2021, 89, 823-827.	5.3	7
6	Eye movements in general neurology and its subspecialties: introduction to the topical collection. Neurological Sciences, 2021, 42, 387-388.	1.9	3
7	Modeling the interaction among three cerebellar disorders of eye movements: periodic alternating, gaze-evoked and rebound nystagmus. Journal of Computational Neuroscience, 2021, 49, 295-307.	1.0	3
8	Impaired fixation suppression of horizontal vestibular nystagmus during smooth pursuit: pathophysiology and clinical implications. European Journal of Neurology, 2021, 28, 2614-2621.	3.3	5
9	Evaluation of the Video Ocular Counter-Roll (vOCR) as a New Clinical Test of Otolith Function in Peripheral Vestibulopathy. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 518.	2.2	9
10	Bruns' nystagmus revisited: A sign of stroke in patients with the acute vestibular syndrome. European Journal of Neurology, 2021, 28, 2971-2979.	3.3	18
11	Eye movements in demyelinating, autoimmune and metabolic disorders. Current Opinion in Neurology, 2020, 33, 111-116.	3.6	1
12	Ocular lateral deviation with brief removal of visual fixation differentiates central from peripheral vestibular syndrome. Journal of Neurology, 2020, 267, 3763-3772.	3.6	13
13	Alexander's Law During High-Speed, Yaw-Axis Rotation: Adaptation or Saturation?. Frontiers in Neurology, 2020, 11, 604502.	2.4	0
14	Benign Paroxysmal Positional Vertigo: What We Do and Do Not Know. Seminars in Neurology, 2020, 40, 049-058.	1.4	37
15	Relationship between jerky and sinusoidal oscillations in cervical dystonia. Parkinsonism and Related Disorders, 2019, 66, 130-137.	2.2	9
16	Rebound nystagmus, a window into the oculomotor integrator. Progress in Brain Research, 2019, 249, 197-209.	1.4	15
17	Classification of vestibular signs and examination techniques: Nystagmus and nystagmus-like movements. Journal of Vestibular Research: Equilibrium and Orientation, 2019, 29, 57-87.	2.0	79
18	Bioinformatics-Based Identification of Expanded Repeats: A Non-reference Intronic Pentamer Expansion in RFC1 Causes CANVAS. American Journal of Human Genetics, 2019, 105, 151-165.	6.2	170

#	Article	IF	Citations
19	Eye position-dependent opsoclonus in mild traumatic brain injury. Progress in Brain Research, 2019, 249, 65-78.	1.4	10
20	Expansion of the clinical spectrum associated with AARS2â€related disorders. American Journal of Medical Genetics, Part A, 2019, 179, 1556-1564.	1.2	20
21	Vertical nystagmus in Wernickeâ€™s encephalopathy: pathogenesis and role of central processing of information from the otoliths. Journal of Neurology, 2019, 266, 139-145.	3.6	16
22	A decade of magnetic vestibular stimulation: from serendipity to physics to the clinic. Journal of Neurophysiology, 2019, 121, 2013-2019.	1.8	27
23	Pendular Oscillation and Ocular Bobbing After Pontine Hemorrhage. Cerebellum, 2019, 20, 734-743.	2.5	7
24	Eye Movement Disorders and the Cerebellum. Journal of Clinical Neurophysiology, 2019, 36, 405-414.	1.7	39
25	The Floccular Syndrome: Dynamic Changes in Eye Movements and Vestibulo-ocular Reflex in Isolated Infarction of the Cerebellar Flocculus. Cerebellum, 2018, 17, 122-131.	2.5	33
26	Diagnosing Stroke in Acute Dizziness and Vertigo. Stroke, 2018, 49, 788-795.	2.0	113
27	Characteristics and mechanism of apogeotropic central positional nystagmus. Brain, 2018, 141, 762-775.	7.6	72
28	Pearls & Oy-sters: Positional vertigo and vertical nystagmus in medulloblastoma. Neurology, 2018, 90, e352-e354.	1.1	4
29	Eye Movement Research in the Twenty-First Centuryâ€"a Window to the Brain, Mind, and More. Cerebellum, 2018, 17, 252-258.	2.5	27
30	Eye movement disorders and neurological symptoms in lateâ€onset inborn errors of metabolism. Movement Disorders, 2018, 33, 1844-1856.	3.9	12
31	A neurologist and ataxia: using eye movements to learn about the cerebellum. Cerebellum and Ataxias, 2018, 5, 2.	1.9	0
32	Visual Fixation and Continuous Head Rotations Have Minimal Effect on Set-Point Adaptation to Magnetic Vestibular Stimulation. Frontiers in Neurology, 2018, 9, 1197.	2.4	9
33	Impaired Tilt Suppression of Post-Rotatory Nystagmus and Cross-Coupled Head-Shaking Nystagmus in Cerebellar Lesions: Image Mapping Study. Cerebellum, 2017, 16, 95-102.	2.5	37
34	Impaired Motor Learning in a Disorder of the Inferior Olive: Is the Cerebellum Confused?. Cerebellum, 2017, 16, 158-167.	2.5	19
35	The video ocular counter-roll (vOCR): a clinical test to detect loss of otolith-ocular function. Acta Oto-Laryngologica, 2017, 137, 593-597.	0.9	24
36	New insights into vestibular-saccade interaction based on covert corrective saccades in patients with unilateral vestibular deficits. Journal of Neurophysiology, 2017, 117, 2324-2338.	1.8	29

#	Article	IF	Citations
37	Novel PNKP mutation in siblings with ataxia-oculomotor apraxia type 4. Journal of Neurogenetics, 2017, 31, 23-25.	1.4	16
38	Ocular stability and set-point adaptation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160199.	4.0	29
39	Three-dimensional eye movement recordings during magnetic vestibular stimulation. Journal of Neurology, 2017, 264, 7-12.	3.6	26
40	Reply: Contributions of visual and motor signals in cervical dystonia. Brain, 2017, 140, e5-e5.	7.6	3
41	Patterns and modulations of Pendular nystagmus in a family with hereditary spastic paraplegia. Journal of the Neurological Sciences, 2017, 383, 169-173.	0.6	1
42	Magnetic Vestibular Stimulation (MVS) As a Technique for Understanding the Normal and Diseased Labyrinth. Frontiers in Neurology, 2017, 8, 122.	2.4	23
43	Multiple Time Courses of Vestibular Set-Point Adaptation Revealed by Sustained Magnetic Field Stimulation of the Labyrinth. Current Biology, 2016, 26, 1359-1366.	3.9	35
44	Variants of windmill nystagmus. Journal of Neurology, 2016, 263, 1375-1381.	3.6	5
45	Nucleus prepositus hypoglossi lesions produce a unique ocular motor syndrome. Neurology, 2016, 87, 2026-2033.	1.1	52
46	Dizziness. Seminars in Neurology, 2016, 36, 433-441.	1.4	1
47	Teaching Video Neuro Images : The hopping lid twitch in myasthenia gravis. Neurology, 2016, 87, e55.	1.1	2
48	Impact of artifacts on VOR gain measures by video-oculography in the acute vestibular syndrome. Journal of Vestibular Research: Equilibrium and Orientation, 2016, 26, 375-385.	2.0	35
49	Cervical dystonia: a neural integrator disorder. Brain, 2016, 139, 2590-2599.	7.6	75
50	The video head impulse test during post-rotatory nystagmus: physiology and clinical implications. Experimental Brain Research, 2016, 234, 277-286.	1.5	14
51	Vestibulo-Ocular Reflex Suppression during Head-Fixed Saccades Reveals Gaze Feedback Control. Journal of Neuroscience, 2015, 35, 1192-1198.	3.6	8
52	Why are voluntary head movements in cervical dystonia slow?. Parkinsonism and Related Disorders, 2015, 21, 561-566.	2.2	17
53	Neuro-ophthalmology and neuro-otology update. Journal of Neurology, 2015, 262, 2786-2792.	3.6	7
54	Vestibular Performance During High-Acceleration Stimuli Correlates with Clinical Decline in SCA6. Cerebellum, 2015, 14, 284-291.	2.5	34

#	Article	IF	Citations
55	Bilateral INO: Unusual patterns of saccadic intrusions. Neurology, 2015, 85, 1428-1429.	1.1	2
56	Transcranial Magnetic Stimulation (TMS) of the Supramarginal Gyrus: A Window to Perception of Upright. Cerebral Cortex, 2015, 25, 765-771.	2.9	75
57	Hiding in plain sight: a closer look at posterior cortical atrophy. Practical Neurology, 2015, 15, 5-13.	1.1	34
58	The Neurology of Eye Movements. , 2015, , .		1,238
59	Strong Static Magnetic Fields Elicit Swimming Behaviors Consistent with Direct Vestibular Stimulation in Adult Zebrafish. PLoS ONE, 2014, 9, e92109.	2.5	28
60	Magnetic Vestibular Stimulation in Subjects with Unilateral Labyrinthine Disorders. Frontiers in Neurology, 2014, 5, 28.	2.4	27
61	Small strokes causing severe vertigo. Neurology, 2014, 83, 169-173.	1.1	205
62	Compensatory saccade differences between outward versus inward head impulses in chronic unilateral vestibular hypofunction. Journal of Clinical Neuroscience, 2014, 21, 1744-1749.	1.5	21
63	Isolated unilateral infarction of the cerebellar tonsil: Ocular motor findings. Annals of Neurology, 2014, 75, 429-434.	5.3	47
64	Isolated floccular infarction: impaired vestibular responses to horizontal head impulse. Journal of Neurology, 2013, 260, 1576-1582.	3.6	128
65	MRI Magnetic Field Stimulates Rotational Sensors of the Brain. Current Biology, 2011, 21, 1635-1640.	3.9	167
66	The Cerebellar Nodulus/Uvula Integrates Otolith Signals for the Translational Vestibulo-Ocular Reflex. PLoS ONE, 2010, 5, e13981.	2.5	34
67	Oculopalatal tremor explained by a model of inferior olivary hypertrophy and cerebellar plasticity. Brain, 2010, 133, 923-940.	7.6	147
68	Enhancement of the Bias Component of Downbeat Nystagmus after Lesions of the Nodulus and Uvula. Annals of the New York Academy of Sciences, 2009, 1164, 482-485.	3.8	17
69	Cerebellar Contributions to Adaptive Control of Saccades in Humans. Journal of Neuroscience, 2009, 29, 12930-12939.	3.6	163
70	Acute superior oblique palsy in the monkey: effects of viewing conditions on ocular alignment and modelling of the ocular motor plant. Progress in Brain Research, 2008, 171, 47-52.	1.4	13
71	Lesions of the cerebellar nodulus and uvula in monkeys: effect on otolith-ocular reflexes. Progress in Brain Research, 2008, 171, 167-172.	1.4	22
72	Lesions of the Cerebellar Nodulus and Uvula Impair Downward Pursuit. Journal of Neurophysiology, 2008, 100, 1813-1823.	1.8	30

#	Article	IF	Citations
73	Acute Superior Oblique Palsy in Monkeys: III. Relationship to Listingâ€™s Law. , 2007, 48, 2621.		9
74	A new familial disease of saccadic oscillations and limb tremor provides clues to mechanisms of common tremor disorders. Brain, 2007, 130, 3020-3031.	7.6	61
75	Acute Superior Oblique Palsy in Monkeys: I. Changes in Static Eye Alignment. , 2007, 48, 2602.		24
76	Acute Superior Oblique Palsy in Monkeys: II. Changes in Dynamic Properties during Vertical Saccades. , 2007, 48, 2612.		13
77	Effects of lesions of the cerebellar oculomotor vermis on eye movements in primate: binocular control. Progress in Brain Research, 2003, 142, 19-33.	1.4	75
78	Adaptive control of pursuit eye movements in humans. Strabismus, 2003, 11, 243-245.	0.7	0
79	Shortâ€Term Adaptation of the VOR: Nonâ€Retinalâ€Slip Error Signals and Saccade Substitution. Annals of the New York Academy of Sciences, 2003, 1004, 94-110.	3.8	21
80	Context-specific adaptation and its significance for neurovestibular problems of space flight. Journal of Vestibular Research: Equilibrium and Orientation, 2003, 13, 345-362.	2.0	20
81	Oculomotor control: normal and abnormal. , 2002, , 634-657.		2
82	The Cerebellar Contribution to Eye Movements Based upon Lesions. Annals of the New York Academy of Sciences, 2002, 956, 178-189.	3.8	23
83	Translational Vestibuloâ€Ocular Reflex Evoked by a â€œHead Heaveâ€•Stimulus. Annals of the New York Academy of Sciences, 2001, 942, 95-113.	3.8	33
84	Effects of Lesions of the Oculomotor Cerebellar Vermis on Eye Movements in Primate: Smooth Pursuit. Journal of Neurophysiology, 2000, 83, 2047-2062.	1.8	168
85	Adaptation of the phase of the human linear vestibulo-ocular reflex (LVOR) and effects on the oculomotor neural integrator. Journal of Vestibular Research: Equilibrium and Orientation, 2000, 10, 239-247.	2.0	7
86	Proprioceptive and Retinal Afference Modify Postsaccadic Ocular Drift. Journal of Neurophysiology, 1999, 82, 551-563.	1.8	12
87	Directional Abnormalities of Vestibular and Optokinetic Responses in Cerebellar Disease. Annals of the New York Academy of Sciences, 1999, 871, 205-220.	3.8	82
88	Context-specific short-term adaptation of the phase of the vestibulo-ocular reflex. Experimental Brain Research, 1998, 120, 184-192.	1.5	22
89	Effects of Lesions of the Oculomotor Vermis on Eye Movements in Primate: Saccades. Journal of Neurophysiology, 1998, 80, 1911-1931.	1.8	370
90	A Versatile Stereoscopic Visual Display System for Vestibular and Oculomotor Research. Journal of Vestibular Research: Equilibrium and Orientation, 1998, 8, 363-379.	2.0	12

#	Article	IF	Citations
91	Spinocerebellar ataxia type 6: Gazeâ€evoked and vertical nystagmus, Purkinje cell degeneration, and variable age of onset. Annals of Neurology, 1997, 42, 933-950.	5.3	267
92	Considerations on the Mechanisms of Alternating Skew Deviation in Patients with Cerebellar Lesions. Journal of Vestibular Research: Equilibrium and Orientation, 1996, 6, 395-401.	2.0	26
93	The Contribution of the Vertical Semicircular Canals to High-Velocity Horizontal Vestibulo-Ocular Reflex (VOR) in Normal Subjects and Patients with Unilateral Vestibular Nerve Section. Acta Oto-Laryngologica, 1996, 116, 507-512.	0.9	19
94	Ocular neuromyotnia: Clinical features, physiological mechanisms, and response to therapy. Annals of Neurology, 1995, 37, 620-626.	5.3	71
95	Head Position Dependent Adjustment of the Three-dimensional Human Vestibuloocular Reflex. Acta Oto-Laryngologica, 1994, 114, 473-478.	0.9	9
96	Ocular flutter and ataxia associated with AIDS-related complex. Neuro-Ophthalmology, 1991, 11, 163-167.	1.0	10
97	Adaptation to vestibular disturbances Some clinical implications. Neuro-Ophthalmology, 1991, 11, 111-116.	1.0	27
98	Postural Control in Huntington's Disease (HD). Acta Oto-Laryngologica, 1991, 111, 333-336.	0.9	22
99	Head-shaking Nystagmus during Vestibular Compensation in Humans and Rhesus Monkeys. Acta Oto-Laryngologica, 1990, 110, 175-181.	0.9	46
100	ç¬¬46å›ž æ—¥æœ¬å¹³è¡¡ç¥žçµŒçŸ¥å¦ä¼šå¦è¡“è¬›æ¼”ä¼š ç‰¹å¯¥è¬›æ¼”è¦æ—¨. Equilibrium Research, 1988, 47, 18-21.		
101	Abduction nystagmus in internuclear ophthalmoplegia. Annals of Neurology, 1987, 21, 383-388.	5.3	87
102	The Effect of the Rotational Magnification of Corrective Spectacles on the Quantitative Evaluation of the VOR. Acta Oto-Laryngologica, 1985, 100, 81-88.	0.9	50
103	Alexander's law: Its behavior and origin in the human vestibuloâ€ocular reflex. Annals of Neurology, 1984, 16, 714-722.	5.3	117
104	A hypothetical explanation of congenital nystagmus. Biological Cybernetics, 1984, 50, 119-134.	1.3	109
105	Bechterew's phenomenon in a human patient. Annals of Neurology, 1982, 12, 495-496.	5.3	24
106	The behavior of the vestibulo-ocular reflex at high velocities of head rotation. Brain Research, 1981, 222, 159-165.	2.2	217
107	A HYPOTHETICAL EXPLANATION FOR PERIODIC ALTERNATING NYSTAGMUS: INSTABILITY IN THE OPTOKINETIC-VESTIBULAR SYSTEM. Annals of the New York Academy of Sciences, 1981, 374, 619-635.	3.8	166
108	Cerebellar control of ocular gaze stability. Annals of Neurology, 1980, 7, 37-40.	5.3	123

#	Article	IF	Citations
109	Treatment of periodic alternating nystagmus. Annals of Neurology, 1980, 8, 609-611.	5.3	181
110	A hypothetical explanation of saccadic oscillations. Annals of Neurology, 1979, 5, 405-414.	5.3	268
111	Ophthalmoscopy in examination of patients with vestibular disorders. Annals of Neurology, 1978, 3, 373-374.	5.3	98
112	The organization of the brainstem ocular motor subnuclei. Annals of Neurology, 1978, 4, 384-385.	5.3	17
113	Suppression of vestibular nystagmus. Annals of Neurology, 1977, 1, 207-207.	5.3	28
114	OCULAR MOTOR ABNORMALITIES IN HEREDITARY CEREBELLAR ATAXIA. Brain, 1976, 99, 207-234.	7.6	327
115	Downbeat Nystagmus Is Abolished by Alcohol in Nonalcoholic Wernicke Encephalopathy. Neurology: Clinical Practice, 0, , 10.1212/CPJ.0000000000001138.	1.6	2
116	Monocular patching attenuates vertical nystagmus in Wernickeâ€˜s Encephalopathy via release of activity in subcortical visual pathways. Movement Disorders Clinical Practice, 0, , .	1.5	0
117	Pharmacological and Behavioral Strategies to Improve Vision in Acquired Pendular Nystagmus. American Journal of Case Reports, 0, 23, .	0.8	0