

Stefan Glasauer

List of Publications by Year in descending order

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Version: 2024-02-01

241
papers

7,169
citations

57758

44
h-index

88630

70
g-index

261
all docs

261
docs citations

261
times ranked

4347
citing authors

#	ARTICLE	IF	CITATIONS
1	Intersubject synchrony of viewers during naturalistic observational self-learning of a complex bimanual task. <i>NeuroImage Reports</i> , 2022, 2, 100084.	1.0	1
2	Individual beliefs about temporal continuity explain variation of perceptual biases. <i>Scientific Reports</i> , 2022, 12, .	3.3	17
3	Image motion with color contrast suffices to elicit an optokinetic reflex in <i>Xenopus laevis</i> tadpoles. <i>Scientific Reports</i> , 2021, 11, 8445.	3.3	8
4	The origin of Vierordt's law: The experimental protocol matters. <i>PsyCh Journal</i> , 2021, 10, 732-741.	1.1	27
5	Unstable Gaze in Functional Dizziness: A Contribution to Understanding the Pathophysiology of Functional Disorders. <i>Frontiers in Neuroscience</i> , 2021, 15, 685590.	2.8	8
6	Complementing Conceptual Models of Persistent Somatic Symptoms With Mathematical Formalization. <i>Psychosomatic Medicine</i> , 2020, 82, 527-528.	2.0	0
7	Somatosensory Influence on Platform-Induced Translational Vestibulo-Ocular Reflex in Vertical Direction in Humans. <i>Frontiers in Neurology</i> , 2020, 11, 332.	2.4	1
8	Head motion predictability explains activity-dependent suppression of vestibular balance control. <i>Scientific Reports</i> , 2020, 10, 668.	3.3	41
9	Synchronization between instructor and observer when learning a complex bimanual skill. <i>NeuroImage</i> , 2020, 216, 116659.	4.2	18
10	Computational Rules for Integrating Vestibular and Multi-Modal Motion Signals in the Central Nervous System. , 2020, , 445-457.		0
11	Mathematical Methods for Three-Dimensional Eye Movement Recordings Using Search Coils. , 2020, , 413-421.		0
12	Physical Nature of Vestibular Stimuli. , 2020, , 6-11.		2
13	Gaze Anticipation Contributes to the Steering of Locomotion. , 2020, , 337-345.		0
14	Ecological Momentary Assessment of Head Motion: Toward Normative Data of Head Stabilization. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 179.	2.0	13
15	Stefan Glasauer. <i>Current Biology</i> , 2019, 29, R668-R669.	3.9	0
16	Sequential Bayesian updating as a model for human perception. <i>Progress in Brain Research</i> , 2019, 249, 3-18.	1.4	8
17	Computational neurology of gravity perception involving semicircular canal dysfunction in unilateral vestibular lesions. <i>Progress in Brain Research</i> , 2019, 248, 303-317.	1.4	11
18	Synaptic Information Transmission in a Two-State Model of Short-Term Facilitation. <i>Entropy</i> , 2019, 21, 756.	2.2	3

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19	Deficient head motor control in functional dizziness: Experimental evidence of central sensory-motor dysfunction in persistent physical symptoms. <i>Progress in Brain Research</i> , 2019, 249, 385-400.	1.4	11
20	Short-term synaptic depression can increase the rate of information transfer at a release site. <i>PLoS Computational Biology</i> , 2019, 15, e1006666.	3.2	12
21	Central Tendency as Consequence of Experimental Protocol. , 2019, , .		4
22	An Inverse Optimal Control Approach to Explain Human Arm Reaching Control Based on Multiple Internal Models. <i>Scientific Reports</i> , 2018, 8, 5583.	3.3	24
23	Characteristics and mechanism of apogeotropic central positional nystagmus. <i>Brain</i> , 2018, 141, 762-775.	7.6	72
24	Why acute unilateral vestibular midbrain lesions rarely manifest with rotational vertigo: a clinical and modelling approach to head direction cell function. <i>Journal of Neurology</i> , 2018, 265, 1184-1198.	3.6	22
25	Fronto-parietal coding of goal-directed actions performed by artificial agents. <i>Human Brain Mapping</i> , 2018, 39, 1145-1162.	3.6	7
26	Gravity Perception: The Role of the Cerebellum. <i>Current Biology</i> , 2018, 28, R1296-R1298.	3.9	12
27	I spy with my little eye: a simple behavioral assay to test color sensitivity on digital displays. <i>Biology Open</i> , 2018, 7, .	1.2	5
28	Quantitative postural models as biomarkers of balance in Parkinson's disease. <i>Brain</i> , 2018, 141, 2824-2827.	7.6	9
29	An experimental litmus test of the emerging hypothesis that persistent physical symptoms can be explained as perceptual dysregulation. <i>Journal of Psychosomatic Research</i> , 2018, 114, 15-17.	2.6	5
30	Neural signatures of reinforcement learning correlate with strategy adoption during spatial navigation. <i>Scientific Reports</i> , 2018, 8, 10110.	3.3	21
31	Neuronal network-based mathematical modeling of perceived verticality in acute unilateral vestibular lesions: from nerve to thalamus and cortex. <i>Journal of Neurology</i> , 2018, 265, 101-112.	3.6	40
32	Surface filling-in and contour interpolation contribute independently to Kanizsa figure formation.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018, 44, 1399-1413.	0.9	11
33	Postural Control: Learning to Balance Is a Question of Timing. <i>Current Biology</i> , 2017, 27, R105-R107.	3.9	6
34	Information Rate Analysis of a Synaptic Release Site Using a Two-State Model of Short-Term Depression. <i>Neural Computation</i> , 2017, 29, 1528-1560.	2.2	3
35	Functional Organization of Vestibulo-Ocular Responses in Abducens Motoneurons. <i>Journal of Neuroscience</i> , 2017, 37, 4032-4045.	3.6	29
36	3-D spatial memory and navigation: functions and disorders. <i>Current Opinion in Neurology</i> , 2017, 30, 90-97.	3.6	25

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37	It's not all black and white: visual scene parameters influence optokinetic reflex performance in <i>Xenopus laevis</i> tadpoles. <i>Journal of Experimental Biology</i> , 2017, 220, 4213-4224.	1.7	11
38	Quantification of Head Movement Predictability and Implications for Suppression of Vestibular Input during Locomotion. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 47.	2.1	32
39	Preventing opioid-induced nausea and vomiting: Rest your head and close your eyes?. <i>PLoS ONE</i> , 2017, 12, e0173925.	2.5	3
40	Gain Control in Predictive Smooth Pursuit Eye Movements: Evidence for an Acceleration-Based Predictive Mechanism. <i>ENeuro</i> , 2017, 4, ENEURO.0343-16.2017.	1.9	9
41	I spy with my little eye: A simple behavioral assay to test color perception in animal virtual reality setups. <i>Journal of Vision</i> , 2017, 17, 661.	0.3	2
42	Influence of person- and situation-specific characteristics on collision avoidance behavior in human locomotion.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 1332-1343.	0.9	36
43	Rapid and independent memory formation in the parietal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13251-13256.	7.1	114
44	Fractal dimension analysis for spike detection in low SNR extracellular signals. <i>Journal of Neural Engineering</i> , 2016, 13, 036004.	3.5	14
45	Age-related decline in functional connectivity of the vestibular cortical network. <i>Brain Structure and Function</i> , 2016, 221, 1443-1463.	2.3	31
46	Magnetic vestibular stimulation modulates default mode network fluctuations. <i>NeuroImage</i> , 2016, 127, 409-421.	4.2	30
47	Information-theoretic analysis of a dynamic release site using a two-channel model of depression. <i>BMC Neuroscience</i> , 2015, 16, .	1.9	0
48	Opioid-Induced Nausea Involves a Vestibular Problem Preventable by Head-Rest. <i>PLoS ONE</i> , 2015, 10, e0135263.	2.5	16
49	“Taller and Shorter” Human 3-D Spatial Memory Distorts Familiar Multilevel Buildings. <i>PLoS ONE</i> , 2015, 10, e0141257.	2.5	26
50	Esophoria or esotropia in adulthood: a sign of cerebellar dysfunction?. <i>Journal of Neurology</i> , 2015, 262, 585-592.	3.6	29
51	Downbeat nystagmus: evidence for enhancement of utriculo-ocular pathways by ocular vestibular evoked myogenic potentials?. <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 3575-3583.	1.6	6
52	Central paroxysmal positional nystagmus. <i>Neurology</i> , 2015, 84, 2238-2246.	1.1	125
53	A Bayesian perspective on magnitude estimation. <i>Trends in Cognitive Sciences</i> , 2015, 19, 285-293.	7.8	229
54	Eye Velocity Gain Fields in MSTd During Optokinetic Stimulation. <i>Cerebral Cortex</i> , 2015, 25, 2181-2190.	2.9	6

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55	Potential and Optimal Target Fixating Control of the Human Head/Eye Complex. IEEE Transactions on Control Systems Technology, 2015, 23, 796-804.	5.2	7
56	Spatio-temporal uncertainty and cortical-hippocampal interactions: fMRI study. Journal of Vision, 2015, 15, 991.	0.3	0
57	Potential and optimal control of human head movement using Tait-Bryan parametrization. Automatica, 2014, 50, 519-529.	5.0	23
58	Vestibular and cerebellar contribution to gaze optimality. Brain, 2014, 137, 1080-1094.	7.6	37
59	Adjustments of Speed and Path when Avoiding Collisions with Another Pedestrian. PLoS ONE, 2014, 9, e89589.	2.5	84
60	Force control in object manipulation—A model for the study of sensorimotor control strategies. Neuroscience and Biobehavioral Reviews, 2013, 37, 1578-1586.	6.1	45
61	Inverse eye position dependency of downbeat nystagmus in midline medullary lesion. Journal of Neurology, 2013, 260, 2908-2910.	3.6	5
62	Do robots have goals? How agent cues influence action understanding in non-human primates. Behavioural Brain Research, 2013, 246, 47-54.	2.2	23
63	Strategies of locomotor collision avoidance. Gait and Posture, 2013, 37, 385-390.	1.4	61
64	Neuronal Variability of MSTd Neurons Changes Differentially With Eye Movement and Visually Related Variables. Cerebral Cortex, 2013, 23, 1774-1783.	2.9	9
65	Head impulses in complete bilateral vestibular loss: Catch-up saccades require visual input. Neurology, 2013, 81, 688-690.	1.1	19
66	Increasing efficiency in robot-supported assemblies through predictive mechanisms: An experimental evaluation. , 2013, , .		4
67	Tracking and optimal control problems in human head/eye coordination. , 2013, , .		2
68	Vestibular Perception following Acute Unilateral Vestibular Lesions. PLoS ONE, 2013, 8, e61862.	2.5	80
69	Spatiotemporal Movement Planning and Rapid Adaptation for Manual Interaction. PLoS ONE, 2013, 8, e64982.	2.5	13
70	LPDT2 La Plissure du Texte 2. , 2013, , 75-90.		4
71	False-Positive Head-Impulse Test in Cerebellar Ataxia. Frontiers in Neurology, 2012, 3, 162.	2.4	45
72	Hippocampal Involvement in Processing of Indistinct Visual Motion Stimuli. Journal of Cognitive Neuroscience, 2012, 24, 1344-1357.	2.3	5

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73	Inferring the goal of an approaching agent: A human-robot study. , 2012, , .		5
74	Thinking the impossible: Synthetic physics. Metaverse Creativity, 2012, 2, 33-44.	0.1	0
75	Modeling and Analysis of Human Navigation with Crossing Interferer Using Inverse Optimal Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 475-480.	0.4	13
76	Even simple forms of social learning rely on intention attribution in marmoset monkeys (Callithrix Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	36
77	Model approach to neurological variants of visuo-spatial neglect. Biological Cybernetics, 2012, 106, 681-690.	1.3	15
78	Legible robot navigation in the proximity of moving humans. , 2012, , .		53
79	Moving and being moved: Differences in cerebral activation during recollection of whole-body motion. Behavioural Brain Research, 2012, 227, 21-29.	2.2	29
80	Moving Just Like You: Motor Interference Depends on Similar Motility of Agent and Observer. PLoS ONE, 2012, 7, e39637.	2.5	35
81	Combining Symbolic Cues with Sensory Input and Prior Experience in an Iterative Bayesian Framework. Frontiers in Integrative Neuroscience, 2012, 6, 58.	2.1	15
82	Structural and functional plasticity of the hippocampal formation in professional dancers and slackliners. Hippocampus, 2011, 21, 855-865.	1.9	87
83	Human workflow analysis using 3D occupancy grid hand tracking in a human-robot collaboration scenario. , 2011, , .		23
84	An information-theoretic approach for evaluating probabilistic tuning functions of single neurons. Frontiers in Computational Neuroscience, 2011, 5, 15.	2.1	4
85	Cerebellar and visual gray matter brain volume increases in congenital nystagmus. Frontiers in Neurology, 2011, 2, 60.	2.4	11
86	The role of regularity and synchrony of cerebellar Purkinje cells for pathological nystagmus. Annals of the New York Academy of Sciences, 2011, 1233, 162-167.	3.8	14
87	Effects of unilateral midbrain lesions on gaze (eye and head) movements. Annals of the New York Academy of Sciences, 2011, 1233, 71-77.	3.8	15
88	Biological movement increases acceptance of humanoid robots as human partners in motor interaction. AI and Society, 2011, 26, 339-345.	4.6	48
89	Iterative Bayesian Estimation as an Explanation for Range and Regression Effects: A Study on Human Path Integration. Journal of Neuroscience, 2011, 31, 17220-17229.	3.6	150
90	Comparison of 10-mg Doses of 4-Aminopyridine and 3,4-Diaminopyridine for the Treatment of Downbeat Nystagmus. Journal of Neuro-Ophthalmology, 2011, 31, 320-325.	0.8	41

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91	Optimal Control of Natural Eye-Head Movements Minimizes the Impact of Noise. Journal of Neuroscience, 2011, 31, 16185-16193.	3.6	42
92	Cellular and Network Contributions to Vestibular Signal Processing: Impact of Ion Conductances, Synaptic Inhibition, and Noise. Journal of Neuroscience, 2011, 31, 8359-8372.	3.6	9
93	A Method for Evaluating Tuning Functions of Single Neurons based on Mutual Information Maximization. , 2011, , .		0
94	Human workflow analysis using 3D occupancy grid hand tracking in a human-robot collaboration scenario. , 2011, , .		1
95	Assessing robot acceptance by motor interference. Advances in Interaction Studies, 2011, , 165-184.	2.0	0
96	Spatiotemporal phase-scrambling increases visual cortex activity. NeuroReport, 2010, 21, 596-600.	1.2	4
97	Plan-Based Control of Joint Human-Robot Activities. KI - Kunstliche Intelligenz, 2010, 24, 223-231.	3.2	17
98	The Response of MSTd Neurons to Perturbations in Target Motion During Ongoing Smooth-Pursuit Eye Movements. Journal of Neurophysiology, 2010, 103, 519-530.	1.8	17
99	Head position during resting modifies spontaneous daytime decrease of downbeat nystagmus. Neurology, 2010, 75, 1928-1932.	1.1	21
100	Vestibular and ocular motor function. Handbook of Clinical Neurophysiology, 2010, 9, 537-555.	0.0	0
101	Interacting in time and space: Investigating human-human and human-robot joint action. , 2010, , .		54
102	Frequency-domain analysis of intrinsic neuronal properties using high-resistant electrodes. Frontiers in Neuroscience, 2009, 3, 64.	2.8	9
103	Teaching Video Neuro <i>Images</i> : Unilateral RIMLF lesion. Neurology, 2009, 73, e92-3.	1.1	3
104	TMS Evidence for Smooth Pursuit Gain Control by the Frontal Eye Fields. Cerebral Cortex, 2009, 19, 1144-1150.	2.9	34
105	On the origin of systematic errors in a simple navigation task. BMC Neuroscience, 2009, 10, .	1.9	4
106	Neural constraints in kinematics of head-free gaze. BMC Neuroscience, 2009, 10, .	1.9	0
107	Modeling of frog second-order vestibular neurons using frequency-domain analysis reveals the cellular contribution for vestibular signal processing. BMC Neuroscience, 2009, 10, .	1.9	0
108	Neuronal responses in the cortical area MSTd during smooth pursuit and ocular following eye movements. BMC Neuroscience, 2009, 10, .	1.9	1

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109	Downbeat nystagmus caused by a paramedian ponto-medullary lesion. <i>Journal of Neurology</i> , 2009, 256, 1572-1574.	3.6	20
110	Upward Asymmetry of Cerebellar Activation During Vertical Pursuit Eye Movements. <i>Cerebellum</i> , 2009, 8, 385-388.	2.5	23
111	Compensatory manual motor responses while object wielding during combined linear visual and physical roll tilt stimulation. <i>Experimental Brain Research</i> , 2009, 192, 683-694.	1.5	16
112	Vestibular guidance of active head movements. <i>Experimental Brain Research</i> , 2009, 194, 495-503.	1.5	21
113	Gray Matter Atrophy after Chronic Complete Unilateral Vestibular Deafferentation. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 383-385.	3.8	33
114	Galvanic Vestibular Stimulation Combines with Earth's Horizontal Rotation in Roll to Induce the Illusion of Translation. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 116-118.	3.8	10
115	Handing Over a Cube. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 380-382.	3.8	15
116	Modeling of Intrinsic and Synaptic Properties to Reveal the Cellular and Network Contribution for Vestibular Signal Processing. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 451-454.	3.8	4
117	Prognosis of Idiopathic Downbeat Nystagmus. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 479-481.	3.8	7
118	Head-Free Gaze Control in Humans with Chronic Loss of Vestibular Function. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 409-412.	3.8	8
119	Driving Dreams. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 372-375.	3.8	5
120	Modality-dependent Indication of the Subjective Vertical during Combined Linear and Rotational Movements. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 376-379.	3.8	3
121	Influence of Uninformative Visual Cues on Gravity Perception. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 403-405.	3.8	2
122	Spatial Neglect: Hypothetical Mechanisms of Disturbed Interhemispheric Crosstalk for Orientation. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 216-221.	3.8	10
123	The Effect of Dual Tasks in Locomotor Path Integration. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 201-205.	3.8	18
124	The Intensity of Downbeat Nystagmus during Daytime. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 293-299.	3.8	22
125	Evaluation of a novel biologically inspired trajectory generator in human-robot interaction. , 2009, , .		22
126	Investigating Human-Human Approach and Hand-Over. <i>Cognitive Systems Monographs</i> , 2009, , 151-160.	0.1	47

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127	Torsional deviations with voluntary saccades caused by a unilateral midbrain lesion. <i>BMJ Case Reports</i> , 2009, 2009, bcr0820080807-bcr0820080807.	0.5	0
128	Differences in saccade-evoked brain activation patterns with eyes open or eyes closed in complete darkness. <i>Experimental Brain Research</i> , 2008, 186, 419-430.	1.5	21
129	A model-based theory on the origin of downbeat nystagmus. <i>Experimental Brain Research</i> , 2008, 188, 613-631.	1.5	63
130	Human-robot interaction in handing-over tasks. , 2008, , .		143
131	Neural activity in cortical areas MST and FEF in relation to smooth pursuit gain control. <i>Progress in Brain Research</i> , 2008, 171, 261-264.	1.4	8
132	Modelling drug modulation of nystagmus. <i>Progress in Brain Research</i> , 2008, 171, 527-534.	1.4	4
133	Differential Dynamic Processing of Afferent Signals in Frog Tonic and Phasic Second-Order Vestibular Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 10349-10362.	3.6	39
134	Unilateral vestibular failure suppresses cortical visual motion processing. <i>Brain</i> , 2008, 131, 1025-1034.	7.6	38
135	Head movement control during head-free gaze shifts. <i>Progress in Brain Research</i> , 2008, 171, 331-334.	1.4	11
136	Eye and head torsion is affected in patients with midbrain lesions. <i>Progress in Brain Research</i> , 2008, 171, 591-595.	1.4	3
137	MSTd neurons during ocular following and smooth pursuit perturbation. <i>Progress in Brain Research</i> , 2008, 171, 253-260.	1.4	5
138	Aminopyridines for the treatment of cerebellar and ocular motor disorders. <i>Progress in Brain Research</i> , 2008, 171, 535-541.	1.4	53
139	Human smooth pursuit gain is modulated by a signal related to gaze velocity. <i>NeuroReport</i> , 2008, 19, 1217-1220.	1.2	1
140	A Theory of the Dual Pathways for Smooth Pursuit Based on Dynamic Gain Control. <i>Journal of Neurophysiology</i> , 2008, 99, 2798-2808.	1.8	40
141	Structural and functional MRIs disclose cerebellar pathologies in idiopathic downbeat nystagmus. <i>Neurology</i> , 2007, 69, 1128-1135.	1.1	68
142	4-Aminopyridine restores vertical and horizontal neural integrator function in downbeat nystagmus. <i>Brain</i> , 2007, 130, 2441-2451.	7.6	120
143	Torsional deviations with voluntary saccades caused by a unilateral midbrain lesion. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007, 78, 1155-1157.	1.9	9
144	Current Models of the Ocular Motor System. , 2007, 40, 158-174.		27

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145	Noncommutative Updating of Perceived Self-Orientation in Three Dimensions. <i>Journal of Neurophysiology</i> , 2007, 97, 2958-2964.	1.8	15
146	Vestibular Perception and Navigation in the Congenitally Blind. <i>Journal of Neurophysiology</i> , 2007, 97, 4341-4356.	1.8	64
147	Spatial memory and hippocampal volume in humans with unilateral vestibular deafferentation. <i>Hippocampus</i> , 2007, 17, 471-485.	1.9	142
148	Space-Time Relativity in Self-Motion Reproduction. <i>Journal of Neurophysiology</i> , 2007, 97, 451-461.	1.8	53
149	Biomimetic control for adaptive camera stabilization in driver-assistance systems. <i>Journal of Mechanical Science and Technology</i> , 2007, 21, 930-934.	1.5	5
150	Velocity scaling of cue-induced smooth pursuit acceleration obeys constraints of natural motion. <i>Experimental Brain Research</i> , 2007, 182, 343-356.	1.5	36
151	The effect of nicotine on perceptual, ocular motor, postural, and vegetative functions at rest and in motion. <i>Journal of Neurology</i> , 2007, 254, 1689-1697.	3.6	20
152	A clinical test of otolith function: static ocular counterroll with passive head tilt. <i>NeuroReport</i> , 2006, 17, 611-615.	1.2	19
153	Subjective somatosensory vertical during dynamic tilt is dependent on task, inertial condition, and multisensory concordance. <i>Experimental Brain Research</i> , 2006, 172, 310-321.	1.5	21
154	A third eye for the surgeon. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 77, 278-278.	1.9	19
155	Detection of floccular hypometabolism in downbeat nystagmus by fMRI. <i>Neurology</i> , 2006, 66, 281-283.	1.1	100
156	Biologically Inspired Multi-Sensor Fusion for Adaptive Camera Stabilization in Driver-Assistance Systems. , 2006, , 107-121.		2
157	Expectation of Sensory Stimulation Modulates Brain Activation during Visual Motion Stimulation. <i>Annals of the New York Academy of Sciences</i> , 2005, 1039, 325-336.	3.8	5
158	Dependence of the Torsional Vestibulo-Ocular Reflex on the Direction of Gravity. <i>Annals of the New York Academy of Sciences</i> , 2005, 1039, 455-458.	3.8	5
159	Effect of 4-Aminopyridine on Upbeat and Downbeat Nystagmus Elucidates the Mechanism of Downbeat Nystagmus. <i>Annals of the New York Academy of Sciences</i> , 2005, 1039, 528-531.	3.8	32
160	Smooth Pursuit in Patients with Downbeat Nystagmus. <i>Annals of the New York Academy of Sciences</i> , 2005, 1039, 532-535.	3.8	25
161	The Origin of Downbeat Nystagmus: An Asymmetry in the Distribution of On-Directions of Vertical Gaze-Velocity Purkinje Cells. <i>Annals of the New York Academy of Sciences</i> , 2005, 1039, 548-553.	3.8	59
162	4-aminopyridine restores visual ocular motor function in upbeat nystagmus. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 451-453.	1.9	87

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163	How the eyes move the body. <i>Neurology</i> , 2005, 65, 1291-1293.	1.1	90
164	How predictive is grip force control in the complete absence of somatosensory feedback?. <i>Brain</i> , 2004, 127, 182-192.	7.6	138
165	4-Aminopyridine improves downbeat nystagmus, smooth pursuit, and VOR gain. <i>Neurology</i> , 2004, 62, 1228-1229.	1.1	89
166	Moving objects in a rotating environment: rapid prediction of Coriolis and centrifugal force perturbations. <i>Experimental Brain Research</i> , 2004, 157, 241-54.	1.5	21
167	Diagnosis of vestibular imbalance in the blink of an eye. <i>Neurology</i> , 2004, 63, 1209-1216.	1.1	13
168	Treatment of episodic ataxia type 2 with the potassium channel blocker 4-aminopyridine. <i>Neurology</i> , 2004, 62, 1623-1625.	1.1	244
169	Vertical vestibular responses to head impulses are symmetric in downbeat nystagmus. <i>Neurology</i> , 2004, 63, 621-625.	1.1	40
170	Mathematical Model Predicts Clinical Ocular Motor Syndromes. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 142-157.	3.8	4
171	Cerebellar Contribution to Saccades and Gaze Holding. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 206-219.	3.8	45
172	Multimodal Signal Integration in Vestibular Neurons of the Primate Fastigial Nucleus. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 241-251.	3.8	12
173	Eye Movements and Balance. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 352-358.	3.8	45
174	Anterior canal failure: ocular torsion without perceptual tilt due to preserved otolith function. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003, 74, 1336-1338.	1.9	21
175	Grip force efficiency in long-term deprivation of somatosensory feedback. <i>NeuroReport</i> , 2003, 14, 1803-1807.	1.2	41
176	Head Impulses in Three Orthogonal Planes of Space: Influence of Age. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 473-477.	3.8	6
177	Nonlinear Nystagmus Processing Causes Torsional VOR Nonlinearity. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 500-505.	3.8	4
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