

# Denis Pelisson

## List of Publications by Year in descending order

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87  
papers

5,341  
citations

109137

35  
h-index

85405

71  
g-index

91  
all docs

91  
docs citations

91  
times ranked

3555  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cerebellar signals drive motor adjustments and visual perceptual changes during forward and backward adaptation of reactive saccades. <i>Cerebral Cortex</i> , 2022, 32, 3896-3916.	1.6	4
2	The posterior parietal cortex processes visuo-spatial and extra-retinal information for saccadic remapping: A case study. <i>Cortex</i> , 2021, 139, 134-151.	1.1	5
3	Peer Presence Effect on Numerosity and Phonological Comparisons in 4th Graders: When Working with a SchoolMate Makes Children More Adult-like. <i>Biology</i> , 2021, 10, 902.	1.3	2
4	Reactive saccade adaptation boosts orienting of visuospatial attention. <i>Scientific Reports</i> , 2020, 10, 13430.	1.6	3
5	Inducing oculomotor plasticity to disclose the functional link between voluntary saccades and endogenous attention deployed peripherally. <i>Scientific Reports</i> , 2019, 9, 17770.	1.6	6
6	Saccadic Adaptation Boosts Ongoing Gamma Activity in a Subsequent Visuoattentional Task. <i>Cerebral Cortex</i> , 2019, 29, 3606-3617.	1.6	4
7	Peer Presence Effects on Eye Movements and Attentional Performance. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 280.	1.0	10
8	A cortical substrate for the long-term memory of saccadic eye movements calibration. <i>NeuroImage</i> , 2018, 179, 348-356.	2.1	5
9	Oculomotor Adaptation Elicited By Intra-Saccadic Visual Stimulation: Time-Course of Efficient Visual Target Perturbation. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 91.	1.0	8
10	Adaptation of Saccadic Sequences with and without Remapping. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 359.	1.0	3
11	Deployment of spatial attention without moving the eyes is boosted by oculomotor adaptation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 426.	1.0	8
12	Electrical stimulation of the superior colliculus induces non-topographically organized perturbation of reaching movements in cats. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 109.	1.2	5
13	Increasing Attentional Load Boosts Saccadic Adaptation. , 2015, 56, 6304.		8
14	Long-term sensorimotor and therapeutical effects of a mild regime of prism adaptation in spatial neglect. A double-blind RCT essay. <i>Annals of Physical and Rehabilitation Medicine</i> , 2015, 58, 40-53.	1.1	76
15	The Effects of Short-Lasting Anti-Saccade Training in Homonymous Hemianopia with and without Saccadic Adaptation. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 332.	1.0	9
16	Adaptation of scanning saccades co-occurs in different coordinate systems. <i>Journal of Neurophysiology</i> , 2014, 111, 2505-2515.	0.9	3
17	A Role for the Parietal Cortex in Sensorimotor Adaptation of Saccades. <i>Cerebral Cortex</i> , 2014, 24, 304-314.	1.6	30
18	Automatic online control of motor adjustments in reaching and grasping. <i>Neuropsychologia</i> , 2014, 55, 25-40.	0.7	88

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19	Saccades and Eye-Head Coordination in Ataxia with Oculomotor Apraxia Type 2. <i>Cerebellum</i> , 2013, 12, 557-567.	1.4	19
20	Plastic Modification of Anti-Saccades: Adaptation of Saccadic Eye Movements Aimed at a Virtual Target. <i>Journal of Neuroscience</i> , 2013, 33, 13489-13497.	1.7	8
21	Effects of structural and functional cerebellar lesions on sensorimotor adaptation of saccades. <i>Experimental Brain Research</i> , 2013, 231, 1-11.	0.7	25
22	MRI findings in AOA2: Cerebellar atrophy and abnormal iron detection in dentate nucleus. <i>NeuroImage: Clinical</i> , 2013, 2, 542-548.	1.4	10
23	Persistent visual impairment in multiple sclerosis: prevalence, mechanisms and resulting disability. <i>Multiple Sclerosis Journal</i> , 2013, 19, 1618-1626.	1.4	79
24	An Elderly Woman With Difficulty Reading and Abnormal Eye Movements. <i>Journal of Neuro-Ophthalmology</i> , 2013, 33, 296-301.	0.4	3
25	Brain Processing of Visual Information during Fast Eye Movements Maintains Motor Performance. <i>PLoS ONE</i> , 2013, 8, e54641.	1.1	11
26	Functional activation of the cerebral cortex related to sensorimotor adaptation of reactive and voluntary saccades. <i>NeuroImage</i> , 2012, 61, 1100-1112.	2.1	45
27	Consensus Paper: Roles of the Cerebellum in Motor Control—The Diversity of Ideas on Cerebellar Involvement in Movement. <i>Cerebellum</i> , 2012, 11, 457-487.	1.4	644
28	Transcranial magnetic stimulation and motor plasticity in human lateral cerebellum: Dual effect on saccadic adaptation. <i>Human Brain Mapping</i> , 2012, 33, 1512-1525.	1.9	44
29	Sensory Processing of Motor Inaccuracy Depends on Previously Performed Movement and on Subsequent Motor Corrections: A Study of the Saccadic System. <i>PLoS ONE</i> , 2011, 6, e17329.	1.1	19
30	Persistent ocular motor manifestations and related visual consequences in multiple sclerosis. <i>Annals of the New York Academy of Sciences</i> , 2011, 1233, 327-334.	1.8	28
31	Integration of visual information for saccade production. <i>Human Movement Science</i> , 2011, 30, 1009-1021.	0.6	7
32	Unusual Monocular Pendular Nystagmus in Multiple Sclerosis. <i>Journal of Neuro-Ophthalmology</i> , 2011, 31, 38-41.	0.4	9
33	Impaired saccadic adaptation in DYT11 dystonia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 1103-1106.	0.9	40
34	Sensorimotor adaptation of saccadic eye movements. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 1103-1120.	2.9	176
35	Adaptation of reactive and voluntary saccades: different patterns of adaptation revealed in the antisaccade task. <i>Journal of Physiology</i> , 2009, 587, 127-138.	1.3	42
36	Behavioral Evidence of Separate Adaptation Mechanisms Controlling Saccade Amplitude Lengthening and Shortening. <i>Journal of Neurophysiology</i> , 2009, 101, 1550-1559.	0.9	59

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37	Separate Neural Substrates in the Human Cerebellum for Sensory-motor Adaptation of Reactive and of Scanning Voluntary Saccades. <i>Cerebellum</i> , 2008, 7, 595-601.	1.4	54
38	Saccade control and eye-hand coordination in optic ataxia. <i>Neuropsychologia</i> , 2008, 46, 475-486.	0.7	64
39	Subthalamic stimulation improves orienting gaze movements in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2008, 119, 1857-1863.	0.7	46
40	2074v Alpha1-Beta1 and Alpha6-Beta1-Integrin. , 2008, , 1-1.		0
41	Spatial transfer of adaptation of scanning voluntary saccades in humans. <i>NeuroReport</i> , 2008, 19, 37-41.	0.6	13
42	Ocular motor syndromes of the brainstem and cerebellum. <i>Current Opinion in Neurology</i> , 2008, 21, 22-28.	1.8	21
43	Adaptation of Voluntary Saccades, But Not of Reactive Saccades, Transfers to Hand Pointing Movements. <i>Journal of Neurophysiology</i> , 2007, 98, 602-612.	0.9	63
44	Contraversive eye deviation during stimulation of the subthalamic region. <i>Movement Disorders</i> , 2007, 22, 1810-1813.	2.2	20
45	Oculomotor plasticity: Are mechanisms of adaptation for reactive and voluntary saccades separate?. <i>Brain Research</i> , 2007, 1135, 107-121.	1.1	73
46	Kinematics and eye-head coordination of gaze shifts evoked from different sites in the superior colliculus of the cat. <i>Journal of Physiology</i> , 2006, 577, 779-794.	1.3	12
47	Saccadic lateropulsion in Wallenberg syndrome: a window to access cerebellar control of saccades?. <i>Experimental Brain Research</i> , 2006, 174, 555-565.	0.7	20
48	Retention of Saccadic Adaptation in Humans. <i>Annals of the New York Academy of Sciences</i> , 2005, 1039, 558-562.	1.8	11
49	Long-lasting modifications of saccadic eye movements following adaptation induced in the double-step target paradigm. <i>Learning and Memory</i> , 2005, 12, 433-443.	0.5	53
50	Eye Position Specificity of Saccadic Adaptation. , 2004, 45, 123.		51
51	Transfer of adaptation from visually guided saccades to averaging saccades elicited by double visual targets. <i>European Journal of Neuroscience</i> , 2004, 20, 827-836.	1.2	18
52	Direct evidence for the contribution of the superior colliculus in the control of visually guided reaching movements in the cat. <i>Journal of Physiology</i> , 2004, 556, 675-681.	1.3	49
53	Visuo-motor deficits induced by fastigial nucleus inactivation. <i>Cerebellum</i> , 2003, 2, 71-76.	1.4	12
54	Visually Guided Saccade Adaptation: Transfer to Averaging Saccades Elicited by Double Visual Stimuli. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 377-380.	1.8	2

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55	Control of saccadic eye movements and combined eye/head gaze shifts by the medio-posterior cerebellum. <i>Progress in Brain Research</i> , 2003, 142, 69-89.	0.9	29
56	On-line modification of saccadic eye movements by retinal signals. <i>NeuroReport</i> , 2003, 14, 875-878.	0.6	43
57	Adaptation of Saccadic Eye Movements: Transfer and Specificity. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 69-77.	1.8	4
58	Visuo-motor deficits induced by fastigial nucleus inactivation. <i>Cerebellum</i> , 2003, 2, 71-76.	1.4	2
59	Adaptation of Saccadic Eye Movements: Transfer and Specificity. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 69-77.	1.8	2
60	Saccadic lateropulsion and upbeat nystagmus: Disorders of caudal medulla. <i>Annals of Neurology</i> , 2002, 52, 658-662.	2.8	32
61	Early head movements elicited by visual stimuli or collicular electrical stimulation in the cat. <i>Vision Research</i> , 2001, 41, 3283-3294.	0.7	31
62	Gaze shifts evoked by electrical stimulation of the superior colliculus in the head-unrestrained cat. II. Effect of muscimol inactivation of the caudal fastigial nucleus. <i>European Journal of Neuroscience</i> , 2001, 14, 1345-1359.	1.2	15
63	Gaze shifts evoked by electrical stimulation of the superior colliculus in the head-unrestrained cat. I. Effect of the locus and of the parameters of stimulation. <i>European Journal of Neuroscience</i> , 2001, 14, 1331-1344.	1.2	22
64	Functional adaptation of reactive saccades in humans: a PET study. <i>Experimental Brain Research</i> , 2000, 132, 243-259.	0.7	76
65	Altered visuo-motor behavior during inactivation of the caudal fastigial nucleus in the cat. <i>Experimental Brain Research</i> , 2000, 132, 457-463.	0.7	40
66	New insights on eye blindness and hand sight: Temporal constraints of visuo-motor networks. <i>Visual Cognition</i> , 2000, 7, 785-809.	0.9	112
67	Learning from cerebellar lesions about the temporal and spatial aspects of saccadic control. <i>Behavioral and Brain Sciences</i> , 1999, 22, 687-688.	0.4	0
68	Effects of short-term adaptation of saccadic gaze amplitude on hand-pointing movements. <i>Experimental Brain Research</i> , 1999, 124, 351-362.	0.7	35
69	Functional anatomy of saccadic adaptation in humans. <i>Nature Neuroscience</i> , 1998, 1, 524-528.	7.1	127
70	From Eye to Hand: Planning Goal-directed Movements. <i>Neuroscience and Biobehavioral Reviews</i> , 1998, 22, 761-788.	2.9	255
71	Orienting Gaze Shifts During Muscimol Inactivation of Caudal Fastigial Nucleus in the Cat. I. Gaze Dysmetria. <i>Journal of Neurophysiology</i> , 1998, 79, 1942-1958.	0.9	54
72	Orienting Gaze Shifts During Muscimol Inactivation of Caudal Fastigial Nucleus in the Cat. II. Dynamics and Eye-Head Coupling. <i>Journal of Neurophysiology</i> , 1998, 79, 1959-1976.	0.9	32

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73	Compensation for Gaze Perturbation During Inactivation of the Caudal Fastigial Nucleus in the Head-Unrestrained Cat. <i>Journal of Neurophysiology</i> , 1998, 80, 1552-1557.	0.9	18
74	Contribution of the Rostral Fastigial Nucleus to the Control of Orienting Gaze Shifts in the Head-Unrestrained Cat. <i>Journal of Neurophysiology</i> , 1998, 80, 1180-1196.	0.9	73
75	Changes in initiation of orienting gaze shifts after muscimol inactivation of the caudal fastigial nucleus in the cat. <i>Journal of Physiology</i> , 1997, 503, 657-671.	1.3	25
76	The caudo ventral pontine tegmentum is involved in the generation of high velocity eye saccades in bursts during paradoxical sleep in the cat. <i>Neuroscience Letters</i> , 1996, 213, 127-131.	1.0	124
77	On the short-term adaptation of eye saccades and its transfer to head movements. <i>Experimental Brain Research</i> , 1996, 111, 477-82.	0.7	15
78	Modifications in end positions of arm movements following short term saccadic adaptation. <i>NeuroReport</i> , 1995, 6, 1733-1736.	0.6	66
79	Cerebellar contribution to the spatial encoding of orienting gaze shifts in the head-free cat. <i>Journal of Neurophysiology</i> , 1994, 72, 2547-2550.	0.9	32
80	Eye Saccade Dynamics During Paradoxical Sleep in the Cat. <i>European Journal of Neuroscience</i> , 1994, 6, 1298-1306.	1.2	111
81	Error Processing in Pointing at Randomly Feedback-Induced Double-Step Stimuli. <i>Journal of Motor Behavior</i> , 1993, 25, 299-308.	0.5	58
82	A non-contact system for 2-dimensional trajectory recording. <i>Journal of Neuroscience Methods</i> , 1992, 43, 77-82.	1.3	12
83	Movement of neural activity on the superior colliculus motor map during gaze shifts. <i>Science</i> , 1991, 251, 1358-1360.	6.0	235
84	Compensatory eye and head movements generated by the cat following stimulation-induced perturbations in gaze position. <i>Experimental Brain Research</i> , 1989, 78, 654-8.	0.7	160
85	Vestibuloocular reflex inhibition and gaze saccade control characteristics during eye-head orientation in humans. <i>Journal of Neurophysiology</i> , 1988, 59, 997-1013.	0.9	163
86	Vestibulo-ocular reflex (VOR) induced by passive head rotation and goal-directed saccadic eye movements do not simply add in man. <i>Brain Research</i> , 1986, 380, 397-400.	1.1	156
87	Large adjustments in visually guided reaching do not depend on vision of the hand or perception of target displacement. <i>Nature</i> , 1986, 320, 748-750.	13.7	1,039