

# Andreas Sprenger

## List of Publications by Year in descending order

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122  
papers

2,963  
citations

147566

31  
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233125

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133  
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133  
docs citations

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times ranked

2983  
citing authors

#	ARTICLE	IF	CITATIONS
1	NPTX1-related oculomotor apraxia: an intra-hemispheric disconnection disorder. <i>Journal of Neurology</i> , 2022, 269, 3931-3936.	1.8	2
2	Prodromal Xâ€œLinked Dystoniaâ€œParkinsonism is Characterized by a Subclinical Motor Phenotype. <i>Movement Disorders</i> , 2022, 37, 1474-1482.	2.2	7
3	Borderline personality disorder classification based on brain network measures during emotion regulation. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 1169-1178.	1.8	8
4	Looking at the bigger picture: Cortical volume, thickness and surface area characteristics in borderline personality disorder with and without posttraumatic stress disorder. <i>Psychiatry Research - Neuroimaging</i> , 2021, 311, 111283.	0.9	5
5	Resting-state functional connectivity in the attention networks is not altered by offline theta-burst stimulation of the posterior parietal cortex or the temporo-parietal junction as compared to a vertex control site. <i>NeuroImage Reports</i> , 2021, 1, 100013.	0.5	1
6	Usability of the head impulse test in routine clinical practice in the emergency department to differentiate vestibular neuritis from stroke. <i>European Journal of Neurology</i> , 2021, 28, 1737-1744.	1.7	29
7	A Simple Gain-Based Evaluation of the Video Head Impulse Test Reliably Detects Normal Vestibulo-Ocular Reflex Indicative of Stroke in Patients With Acute Vestibular Syndrome. <i>Frontiers in Neurology</i> , 2021, 12, 741859.	1.1	11
8	Resting-State Functional Connectivity in the Dorsal Attention Network Relates to Behavioral Performance in Spatial Attention Tasks and May Show Task-Related Adaptation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 757128.	1.0	8
9	Patients with borderline personality disorder and comorbid PTSD show biased attention for threat in the facial dot-probe task. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2020, 67, 101437.	0.6	7
10	Impulse control under emotion processing: an fMRI investigation in borderline personality disorder compared to non-patients and cluster-C personality disorder patients. <i>Brain Imaging and Behavior</i> , 2020, 14, 2107-2121.	1.1	17
11	Smooth pursuit eye movement deficits as a biomarker for psychotic features in bipolar disorderâ€œFindings from the PARDIP study. <i>Bipolar Disorders</i> , 2020, 22, 602-611.	1.1	12
12	Unbalancing the Attentional Priority Map via Gaze-Contingent Displays Induces Neglect-Like Visual Exploration. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 41.	1.0	4
13	Effects of galvanic vestibular stimulation on resting state brain activity in patients with bilateral vestibulopathy. <i>Human Brain Mapping</i> , 2020, 41, 2527-2547.	1.9	18
14	Behavioral deficits in left hemispatial neglect are related to a reduction of spontaneous neuronal activity in the right superior parietal lobule. <i>Neuropsychologia</i> , 2020, 138, 107356.	0.7	13
15	Effects of perceptible and imperceptible galvanic vestibular stimulation on the postural control of patients with bilateral vestibulopathy. <i>Journal of Neurology</i> , 2020, 267, 2383-2397.	1.8	14
16	Increased brain responsivity to galvanic vestibular stimulation in bilateral vestibular failure. <i>NeuroImage: Clinical</i> , 2019, 24, 101942.	1.4	27
17	Help or hurt? How attention modulates tics under different conditions. <i>Cortex</i> , 2019, 120, 471-482.	1.1	14
18	Visual exploration of emotional faces in schizophrenia using masks from the Japanese Noh theatre. <i>Neuropsychologia</i> , 2019, 133, 107193.	0.7	2

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19	Biased Attention to Facial Expressions of Ambiguous Emotions in Borderline Personality Disorder: An Eye-Tracking Study. <i>Journal of Personality Disorders</i> , 2019, 33, 671-88.	0.8	19
20	Brain Activations During Optokinetic Stimulation in Acute Right-Hemisphere Stroke Patients and Hemispatial Neglect: An fMRI Study. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 581-592.	1.4	8
21	Postural control during galvanic vestibular stimulation in patients with persistent perceptual "postural dizziness". <i>Journal of Neurology</i> , 2019, 266, 1236-1249.	1.8	15
22	Eye movement deficits in X-linked dystonia-parkinsonism are related to striatal degeneration. <i>Parkinsonism and Related Disorders</i> , 2019, 61, 170-178.	1.1	12
23	Free visual exploration of natural movies in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 407-418.	1.8	15
24	Smooth Eye Movements in Humans: Smooth Pursuit, Optokinetic Nystagmus and Vestibular Ocular Reflex. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2019, , 117-163.	0.1	4
25	The ipsilesional attention bias in right-hemisphere stroke patients as revealed by a realistic visual search task: Neuroanatomical correlates and functional relevance.. <i>Neuropsychology</i> , 2018, 32, 850-865.	1.0	28
26	Always on guard: emotion regulation in women with. <i>Journal of Psychiatry and Neuroscience</i> , 2018, 43, 37-47.	1.4	22
27	Adaptive Cueing Treatment of Neglect in Stroke Patients Leads to Improvements in Activities of Daily Living: A Randomized Controlled, Crossover Trial. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 988-998.	1.4	21
28	Visual and non-visual motion information processing during pursuit eye tracking in schizophrenia and bipolar disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 225-235.	1.8	17
29	Deficient amygdala "prefrontal intrinsic connectivity after effortful emotion regulation in borderline personality disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 551-565.	1.8	52
30	Postural control during recall of vestibular sensation in patients with functional dizziness and unilateral vestibulopathy. <i>Journal of Neurology</i> , 2017, 264, 42-44.	1.8	2
31	Genome-wide association studies of smooth pursuit and antisaccade eye movements in psychotic disorders: findings from the B-SNIP study. <i>Translational Psychiatry</i> , 2017, 7, e1249-e1249.	2.4	31
32	Role of the Patient's History of Vestibular Symptoms in the Clinical Evaluation of the Bedside Head-Impulse Test. <i>Frontiers in Neurology</i> , 2017, 8, 51.	1.1	12
33	Postural Control in Bilateral Vestibular Failure: Its Relation to Visual, Proprioceptive, Vestibular, and Cognitive Input. <i>Frontiers in Neurology</i> , 2017, 8, 444.	1.1	40
34	Postural Ataxia in Cerebellar Downbeat Nystagmus: Its Relation to Visual, Proprioceptive and Vestibular Signals and Cerebellar Atrophy. <i>PLoS ONE</i> , 2017, 12, e0168808.	1.1	16
35	Clot Formation in the Presence of Acetylsalicylic Acid Leads to Increased Lysis Rates Regardless of the Chosen Thrombolysis Strategy. <i>Journal of Vascular Research</i> , 2016, 53, 128-137.	0.6	2
36	Hippocampal gray matter volume in bilateral vestibular failure. <i>Human Brain Mapping</i> , 2016, 37, 1998-2006.	1.9	54

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37	Dystonia, lower limb stiffness, and upward gaze palsy in a patient with IgLON5 antibodies. <i>Movement Disorders</i> , 2016, 31, 762-764.	2.2	41
38	Acute amnestic syndrome due to MDMA exposure. <i>Journal of Neurology</i> , 2016, 263, 1022-1023.	1.8	3
39	Track D. <i>Biosignal Processing. Biomedizinische Technik</i> , 2015, 60, s47-s102.	0.9	0
40	Pursuit eye movements as an intermediate phenotype across psychotic disorders: Evidence from the B-SNIP study. <i>Schizophrenia Research</i> , 2015, 169, 326-333.	1.1	56
41	Social gating of sensory information during ongoing communication. <i>NeuroImage</i> , 2015, 104, 189-198.	2.1	6
42	Deprivation and Recovery of Sleep in Succession Enhances Reflexive Motor Behavior. <i>Cerebral Cortex</i> , 2015, 25, 4610-4618.	1.6	5
43	Cerebellar ataxia with unilateral high frequency vestibulopathy and caloric disinhibition. <i>Journal of the Neurological Sciences</i> , 2015, 358, 527-529.	0.3	2
44	Dissociable cerebellar activity during spatial navigation and visual memory in bilateral vestibular failure. <i>Neuroscience</i> , 2015, 305, 257-267.	1.1	18
45	Ganzfeld Stimulation or Sleep Enhance Long Term Motor Memory Consolidation Compared to Normal Viewing in Saccadic Adaptation Paradigm. <i>PLoS ONE</i> , 2015, 10, e0123831.	1.1	3
46	Randomized Controlled Trial on Hemifield Eye Patching and Optokinetic Stimulation in Acute Spatial Neglect. <i>Stroke</i> , 2014, 45, 2465-2468.	1.0	36
47	Changes in resting-state fMRI in vestibular neuritis. <i>Brain Structure and Function</i> , 2014, 219, 1889-1900.	1.2	48
48	Predictive mechanisms improve the vestibulo-ocular reflex in patients with bilateral vestibular failure. <i>Journal of Neurology</i> , 2014, 261, 628-631.	1.8	10
49	Current state of diagnostic management of acute vertigo: a survey of neurologists in Germany. <i>Journal of Neurology</i> , 2014, 261, 1638-1640.	1.8	4
50	Altered resting-state functional connectivity in patients with chronic bilateral vestibular failure. <i>NeuroImage: Clinical</i> , 2014, 4, 488-499.	1.4	43
51	Enhanced top-down control during pursuit eye tracking in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2013, 263, 223-231.	1.8	12
52	Acquired pendular nystagmus and its therapy in progressive supranuclear palsy (PSP) due to inferior olivary hypertrophy. <i>Journal of Neurology</i> , 2013, 260, 2424-2426.	1.8	5
53	Inverse eye position dependency of downbeat nystagmus in midline medullary lesion. <i>Journal of Neurology</i> , 2013, 260, 2908-2910.	1.8	5
54	Itch Relief by Mirror Scratching. A Psychophysical Study. <i>PLoS ONE</i> , 2013, 8, e82756.	1.1	11

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55	Advanced analysis of free visual exploration patterns in schizophrenia. <i>Frontiers in Psychology</i> , 2013, 4, 737.	1.1	33
56	Impact of dynamic bottom-up features and top-down control on the visual exploration of moving real-world scenes in hemispatial neglect. <i>Neuropsychologia</i> , 2012, 50, 2415-2425.	0.7	41
57	Role of anticipation and prediction in smooth pursuit eye movement control in Parkinson's disease. <i>Movement Disorders</i> , 2012, 27, 1012-1018.	2.2	31
58	Autosomal dominant Parkinson's disease in a large German pedigree. <i>Acta Neurologica Scandinavica</i> , 2012, 126, 129-137.	1.0	1
59	Altered Velocity Processing in Schizophrenia during Pursuit Eye Tracking. <i>PLoS ONE</i> , 2012, 7, e38494.	1.1	19
60	Spike artefact of extraocular eye muscles does not account for increased saccadic peak velocity in EOG recordings. <i>Clinical Neurophysiology</i> , 2011, 122, 1476-1478.	0.7	0
61	The platelet-rich plasma clot. <i>Blood Coagulation and Fibrinolysis</i> , 2011, 22, 407-415.	0.5	23
62	The role of prediction and anticipation on age-related effects on smooth pursuit eye movements. <i>Annals of the New York Academy of Sciences</i> , 2011, 1233, 168-176.	1.8	20
63	Altered transfer of visual motion information to parietal association cortex in untreated first-episode psychosis: Implications for pursuit eye tracking. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 30-38.	0.9	31
64	Effect of 4-aminopyridine on gravity dependence and neural integrator function in patients with idiopathic downbeat nystagmus. <i>Journal of Neurology</i> , 2011, 258, 618-622.	1.8	19
65	Palatal tremor visualized by cine MRI. <i>Movement Disorders</i> , 2011, 26, 1959-1960.	2.2	0
66	Eye movements during REM sleep and imagination of visual scenes. <i>NeuroReport</i> , 2010, 21, 45-49.	0.6	31
67	Eye movement disorders in <i>ATP13A2</i> mutation carriers (PARK9). <i>Movement Disorders</i> , 2010, 25, 2687-2689.	2.2	14
68	Visual motion, eye motion, and relative motion: A parametric fMRI study of functional specializations of smooth pursuit eye movement network areas. <i>Journal of Vision</i> , 2010, 10, 21-21.	0.1	15
69	Eye movement disorders are different in <i>Parkin</i> -linked and idiopathic early-onset PD. <i>Neurology</i> , 2010, 75, 125-128.	1.5	18
70	The effect of blur adaptation on accommodative response and pupil size during reading. <i>Journal of Vision</i> , 2010, 10, 1-1.	0.1	28
71	Sensorimotor Transformation Deficits for Smooth Pursuit in First-Episode Affective Psychoses and Schizophrenia. <i>Biological Psychiatry</i> , 2010, 67, 217-223.	0.7	39
72	Overestimation of saccadic peak velocity recorded by electro-oculography compared to video-oculography and scleral search coil. <i>Clinical Neurophysiology</i> , 2010, 121, 1786-1787.	0.7	14

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73	How precisely can the regularity of spontaneous activity be recognized acoustically?. <i>Clinical Neurophysiology</i> , 2010, 121, 1969-1971.	0.7	2
74	Vergence deficits in patients with cerebellar lesions. <i>Brain</i> , 2009, 132, 103-115.	3.7	57
75	On Why Left Events are the Right Ones: Neural Mechanisms Underlying the Left-hemifield Advantage in Rapid Serial Visual Presentation. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 474-488.	1.1	63
76	Visual search disorders beyond pure sensory failure in patients with acute homonymous visual field defects. <i>Neuropsychologia</i> , 2009, 47, 2704-2711.	0.7	32
77	Acute hemianopic patients do not show a contralesional deviation in the line bisection task. <i>Journal of Neurology</i> , 2009, 256, 289-290.	1.8	18
78	Different saccadic abnormalities in PINK1 mutation carriers and in patients with non-genetic Parkinson's disease. <i>Journal of Neurology</i> , 2009, 256, 1192-1194.	1.8	6
79	Why Do Patients with Impaired Vergence Not Show "Saccadic" Vergence?. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 440-443.	1.8	3
80	Visual Search Disorders in Acute and Chronic Homonymous Hemianopia. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 419-426.	1.8	23
81	Disjunctive saccades during smooth pursuit eye movements in ocular myasthenia gravis. <i>Journal of Neurology</i> , 2008, 255, 1094-1096.	1.8	8
82	Localization of human intraparietal areas AIP, CIP, and LIP using surface orientation and saccadic eye movement tasks. <i>Human Brain Mapping</i> , 2008, 29, 411-421.	1.9	53
83	Long-term eye movement recordings with a scleral search coil-eyelid protection device allows new applications. <i>Journal of Neuroscience Methods</i> , 2008, 170, 305-309.	1.3	16
84	Distributed representations of the "preparatory set" in the frontal oculomotor system: a TMS study. <i>BMC Neuroscience</i> , 2008, 9, 89.	0.8	25
85	fMRI evidence for sensorimotor transformations in human cortex during smooth pursuit eye movements. <i>Neuropsychologia</i> , 2008, 46, 2203-2213.	0.7	30
86	Sleep is required for improving reaction times after training on a procedural visuo-motor task. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 610-615.	1.0	24
87	Cortical mechanisms of retinal and extraretinal smooth pursuit eye movements to different target velocities. <i>NeuroImage</i> , 2008, 41, 483-492.	2.1	42
88	Transcranial sonography findings in a large family with homozygous and heterozygous PINK1 mutations. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 1071-1074.	0.9	50
89	Tracking in 3-D space under natural viewing condition. <i>Progress in Brain Research</i> , 2008, 171, 459-465.	0.9	0
90	Effects of Second-Generation Antipsychotic Medication on Smooth Pursuit Performance in Antipsychotic-Naive Schizophrenia. <i>Archives of General Psychiatry</i> , 2008, 65, 1146.	13.8	41

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91	Optic Flow Stimuli in and Near the Visual Field Centre: A Group fMRI Study of Motion Sensitive Regions. PLoS ONE, 2008, 3, e4043.	1.1	17
92	Eye movement abnormalities in spinocerebellar ataxia type 17 (SCA17). Neurology, 2007, 69, 1160-1168.	1.5	41
93	Different extraretinal neuronal mechanisms of smooth pursuit eye movements in schizophrenia: An fMRI study. NeuroImage, 2007, 34, 300-309.	2.1	51
94	Functional dissociation of saccade and hand reaching control with bilateral lesions of the medial wall of the intraparietal sulcus: Implications for optic ataxia. NeuroImage, 2007, 36, T69-T76.	2.1	27
95	Beneficial effects of 3,4-diaminopyridine on positioning downbeat nystagmus in a circumscribed uvulo-nodular lesion. Journal of Neurology, 2007, 254, 1126-1128.	1.8	21
96	Parametric modulation of cortical activation during smooth pursuit with and without target blanking. An fMRI study. NeuroImage, 2006, 29, 1319-1325.	2.1	77
97	Evidence from increased anticipation of predictive saccades for a dysfunction of fronto-striatal circuits in obsessive-compulsive disorder. Psychiatry Research, 2006, 143, 77-88.	1.7	35
98	Saccade initiation in ocular motor apraxia. Journal of Neurology, 2006, 253, 950-952.	1.8	13
99	A TMS study on non-consciously triggered response tendencies in the motor cortex. Experimental Brain Research, 2006, 173, 115-129.	0.7	13
100	Eye-hand coordination in essential tremor. Movement Disorders, 2006, 21, 373-379.	2.2	56
101	Functional MRI Reveals Activation of a Subcortical Network in a 5-Year-Old Girl with Genetically Confirmed Myoclonus-Dystonia. Neuropediatrics, 2006, 37, 79-82.	0.3	24
102	Treatment of the gravity dependence of downbeat nystagmus with 3,4-diaminopyridine. Neurology, 2006, 67, 905-907.	1.5	21
103	Do Predictive Mechanisms Improve the Angular Vestibulo-Ocular Reflex in Vestibular Neuritis?. Audiology and Neuro-Otology, 2006, 11, 53-58.	0.6	10
104	Cerebellar infarction affects visual search. NeuroReport, 2005, 16, 1507-1511.	0.6	29
105	Effect of 3,4-Diaminopyridine on the Postural Control in Patients with Downbeat Nystagmus. Annals of the New York Academy of Sciences, 2005, 1039, 395-403.	1.8	25
106	Differential Effects of Sleep Deprivation on Saccadic Eye Movements. Sleep, 2005, 28, 1109-1115.	0.6	62
107	Reduced neuronal activity in the V5 complex underlies smooth-pursuit deficit in schizophrenia: evidence from an fMRI study. NeuroImage, 2005, 24, 1256-1259.	2.1	65
108	Cortical mechanisms of smooth pursuit eye movements with target blanking. An fMRI study. European Journal of Neuroscience, 2004, 19, 1430-1436.	1.2	84

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109	Effect of 3,4-diaminopyridine on the gravity dependence of ocular drift in downbeat nystagmus. <i>Neurology</i> , 2004, 63, 752-753.	1.5	44
110	The Role of the Fastigial Nucleus in Saccadic Eye Oscillations. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 229-240.	1.8	7
111	Cerebellar activation in opsoclonus. <i>Neurology</i> , 2003, 61, 412-415.	1.5	94
112	Eye movement abnormalities in essential tremor may indicate cerebellar dysfunction. <i>Brain</i> , 2003, 126, 1319-1332.	3.7	184
113	Impaired Representation of Saccadic Eye Displacement after Posterior Parietal Lesions: Is It a Craniotopic or a Directional Deficit?. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 465-468.	1.8	1
114	Perilymph fistula associated with pulse-synchronous eye oscillations. <i>Neurology</i> , 2002, 58, 159-160.	1.5	6
115	Blink effect on slow vergence. <i>NeuroReport</i> , 2002, 13, 2041-2044.	0.6	11
116	Visual search in patients with left visual hemineglect. <i>Progress in Brain Research</i> , 2002, 140, 395-416.	0.9	50
117	Effects of Voluntary Blinks on Saccades, Vergence Eye Movements, and Saccade-Vergence Interactions in Humans. <i>Journal of Neurophysiology</i> , 2002, 88, 1220-1233.	0.9	64
118	Perilymph fistula associated with pulse-synchronous eye oscillations. <i>Neurology</i> , 2001, 56, 1769-1771.	1.5	15
119	Higher level influences on saccade generation in normals and patients with visual hemineglect. <i>Behavioral and Brain Sciences</i> , 1999, 22, 688-689.	0.4	0
120	Towards gaze-mediated interaction: Collecting solutions of the "Midas touch problem", 1997, , 509-516.		45
121	Downbeat Nystagmus Is Abolished by Alcohol in Nonalcoholic Wernicke Encephalopathy. <i>Neurology: Clinical Practice</i> , 0, , 10.1212/CPJ.0000000000001138.	0.8	2
122	Monocular patching attenuates vertical nystagmus in Wernicke's Encephalopathy via release of activity in subcortical visual pathways. <i>Movement Disorders Clinical Practice</i> , 0, , .	0.8	0