# Peter Thier

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 163 papers | 8,146 citations | 41258 49 h-index | 54797 84 g-index |
| 178 all docs | 178 docs citations | 178 times ranked | 5662 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Neuron-specific contribution of the superior colliculus to overt and covert shifts of attention. Nature Neuroscience, 2004, 7, 56-64. | 7.1 | 342 |
| 2 | Mirror Neurons Differentially Encode the Peripersonal and Extrapersonal Space of Monkeys. Science, 2009, 324, 403-406. | 6.0 | 306 |
| 3 | Misattributions of agency in schizophrenia are based on imprecise predictions about the sensory consequences of one's actions. Brain, 2010, 133, 262-271. | 3.7 | 295 |
| 4 | Saccadic Dysmetria and Adaptation after Lesions of the Cerebellar Cortex. Journal of Neuroscience, 1999, 19, 10931-10939. | 1.7 | 292 |
| 5 | View-Based Encoding of Actions in Mirror Neurons of Area F5 in Macaque Premotor Cortex. Current Biology, 2011, 21, 144-148. | 1.8 | 205 |
| 6 | The neural basis of smooth-pursuit eye movements. Current Opinion in Neurobiology, 2005, 15, 645-652. | 2.0 | 195 |
| 7 | Electrical Microstimulation Distinguishes Distinct Saccade-Related Areas in the Posterior Parietal Cortex. Journal of Neurophysiology, 1998, 80, 1713-1735. | 0.9 | 191 |
| 8 | The Cerebellum Updates Predictions about the Visual Consequences of One's Behavior. Current Biology, 2008, 18, 814-818. | 1.8 | 190 |
| 9 | Disorders of Agency in Schizophrenia Correlate with an Inability to Compensate for the Sensory Consequences of Actions. Current Biology, 2005, 15, 1119-1124. | 1.8 | 179 |
| 10 | Encoding of movement time by populations of cerebellar Purkinje cells. Nature, 2000, 405, 72-76. | 13.7 | 175 |
| 11 | Binding of signals relevant for action: towards a hypothesis of the functional role of the pontine nuclei. Trends in Neurosciences, 1999, 22, 443-451. | 4.2 | 168 |
| 12 | Specific influences of cerebellar dysfunctions on gait. Brain, 2007, 130, 786-798. | 3.7 | 168 |
| 13 | False perception of motion in a patient who cannot compensate for eye movements. Nature, 1997, 389, 849-852. | 13.7 | 151 |
| 14 | Reduced saccadic resilience and impaired saccadic adaptation due to cerebellar disease. European Journal of Neuroscience, 2008, 27, 132-144. | 1.2 | 149 |
| 15 | Responses of Visual-Tracking Neurons from Cortical Area MST-I to Visual, Eye and Head Motion. European Journal of Neuroscience, 1992, 4, 539-553. | 1.2 | 141 |
| 16 | A neuronal correlate of spatial stability during periods of self-induced visual motion. Experimental Brain Research, 1991, 86, 608-16. | 0.7 | 136 |
| 17 | Dissociable Roles of the Superior Temporal Sulcus and the Intraparietal Sulcus in Joint Attention: A Functional Magnetic Resonance Imaging Study. Journal of Cognitive Neuroscience, 2008, 20, 108-119. | 1.1 | 123 |
| 18 | Cerebellar-dependent motor learning is based on pruning a Purkinje cell population response. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7309-7314. | 3.3 | 120 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mirror neurons encode the subjective value of an observed action. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11848-11853. | 3.3 | 114 |
| 20 | Neuronal Response Gain Enhancement prior to Microsaccades. Current Biology, 2015, 25, 2065-2074. | 1.8 | 114 |
| 21 | Contextual Influence on Orientation Discrimination of Humans and Responses of Neurons in V1 of Alert Monkeys. Journal of Neurophysiology, 2000, 83, 941-954. | 0.9 | 113 |
| 22 | Posterior Parietal Cortex Neurons Encode Target Motion in World-Centered Coordinates. Neuron, 2004, 43, 145-151. | 3.8 | 109 |
| 23 | Cerebellar Complex Spike Firing Is Suitable to Induce as Well as to Stabilize Motor Learning. Current Biology, 2005, 15, 2179-2189. | 1.8 | 99 |
| 24 | Internalizing Agency of Self-Action: Perception of One's Own Hand Movements Depends on an Adaptable Prediction About the Sensory Action Outcome. Journal of Neurophysiology, 2006, 96, 1592-1601. | 0.9 | 94 |
| 25 | Visual Tracking Neurons in Primate Area MST Are Activated by Smooth-Pursuit Eye Movements of an â€œImaginaryâ€•Target. Journal of Neurophysiology, 2003, 90, 1489-1502. | 0.9 | 91 |
| 26 | Neuronal activity in the dorsolateral pontine nucleus of the alert monkey modulated by visual stimuli and eye movements. Experimental Brain Research, 1988, 70, 496-512. | 0.7 | 90 |
| 27 | Patterns of projections from the pontine nuclei and the nucleus reticularis tegmenti pontis to the posterior vermis in the rhesus monkey: A study using retrograde tracers. Journal of Comparative Neurology, 1993, 337, 113-126. | 0.9 | 87 |
| 28 | Electrical microstimulation suggests two different forms of representation of head-centered space in the intraparietal sulcus of rhesus monkeys.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4962-4967. | 3.3 | 87 |
| 29 | Pharmacological modulation of on and off ganglion cells in the cat retina. Neuroscience, 1984, 12, 875-885. | 1.1 | 83 |
| 30 | Characteristics of Responses of Golgi Cells and Mossy Fibers to Eye Saccades and Saccadic Adaptation Recorded from the Posterior Vermis of the Cerebellum. Journal of Neuroscience, 2009, 29, 250-262. | 1.7 | 77 |
| 31 | Two Types of Neurons in the Rat Cerebellar Nuclei as Distinguished by Membrane Potentials and Intracellular Fillings. Journal of Neurophysiology, 2001, 85, 2017-2029. | 0.9 | 75 |
| 32 | Physiologically Inspired Model for the Visual Recognition of Transitive Hand Actions. Journal of Neuroscience, 2013, 33, 6563-6580. | 1.7 | 75 |
| 33 | Optimizing Visual Motion Perception during Eye Movements. Neuron, 2001, 32, 527-535. | 3.8 | 72 |
| 34 | The neural basis of smooth pursuit eye movements in the rhesus monkey brain. Brain and Cognition, 2008, 68, 229-240. | 0.8 | 68 |
| 35 | The Role of the Oculomotor Vermis in the Control of Saccadic Eye Movements. Annals of the New York Academy of Sciences, 2002, 978, 50-62. | 1.8 | 66 |
| 36 | Improvement of visual acuity by spatial cueing: a comparative study in human and non-human primates. Vision Research, 2004, 44, 1589-1600. | 0.7 | 64 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Dissociable Roles of the Superior Temporal Sulcus and the Intraparietal Sulcus in Joint Attention: A Functional Magnetic Resonance Imaging Study. Journal of Cognitive Neuroscience, 2008, 20, 108-119. | 1.1 | 64 |
| 38 | The role of the cerebellum in saccadic adaptation as a window into neural mechanisms of motor learning. European Journal of Neuroscience, 2011, 33, 2114-2128. | 1.2 | 63 |
| 39 | The posterior superior temporal sulcus is involved in social communication not specific for the eyes. Neuropsychologia, 2008, 46, 2759-2765. | 0.7 | 62 |
| 40 | Action and localization of glycine and taurine in the cat retina.. Journal of Physiology, 1985, 362, 395-413. | 1.3 | 61 |
| 41 | Slow brain potentials and psychomotor retardation in depression. Electroencephalography and Clinical Neurophysiology, 1986, 63, 570-581. | 0.3 | 61 |
| 42 | The Absence of Eye Muscle Fatigue Indicates That the Nervous System Compensates for Non-Motor Disturbances of Oculomotor Function. Journal of Neuroscience, 2010, 30, 15834-15842. | 1.7 | 61 |
| 43 | The relationship between P3-latency and reaction time in depression. Biological Psychology, 1981, 13, 31-49. | 1.1 | 60 |
| 44 | The attentive cerebellum â€" myth or reality?. Cerebellum, 2007, 6, 177-83. | 1.4 | 60 |
| 45 | Quantitative organization of neurotransmitters in the deep cerebellar nuclei of the Lurcher mutant. Journal of Comparative Neurology, 2002, 452, 311-323. | 0.9 | 59 |
| 46 | Multiplexed coding by cerebellar Purkinje neurons. ELife, 2016, 5, . | 2.8 | 59 |
| 47 | Absence of a common functional denominator of visual disturbances in cerebellar disease. Brain, 1999, 122, 2133-2146. | 3.7 | 58 |
| 48 | Disturbed overt but normal covert shifts of attention in adult cerebellar patients. Brain, 2005, 128, 1525-1535. | 3.7 | 57 |
| 49 | Action of iontophoretically applied dopamine on cat retinal ganglion cells. Brain Research, 1984, 292, 109-121. | 1.1 | 55 |
| 50 | Selective impairment of smooth-pursuit eye movements due to an ischemic lesion of the basal pons. Annals of Neurology, 1991, 29, 443-448. | 2.8 | 54 |
| 51 | Opposite Dependencies on Visual Motion Coherence in Human Area MT+ and Early Visual Cortex. Cerebral Cortex, 2007, 17, 1542-1549. | 1.6 | 52 |
| 52 | Bilateral recruitment of prefrontal cortex in working memory is associated with task demand but not with age. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E830-E839. | 3.3 | 51 |
| 53 | Unravelling cerebellar pathways with high temporal precision targeting motor and extensive sensory and parietal networks. Nature Communications, 2012, 3, 924. | 5.8 | 49 |
| 54 | How precise is gaze following in humans?. Vision Research, 2008, 48, 946-957. | 0.7 | 43 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Single-neuron evidence for a contribution of the dorsal pontine nuclei to both types of target-directed eye movements, saccades and smooth-pursuit. European Journal of Neuroscience, 2004, 19, 609-624. | 1.2 | 42 |
| 56 | The oculomotor role of the pontine nuclei and the nucleus reticularis tegmenti pontis. Progress in Brain Research, 2006, 151, 293-320. | 0.9 | 42 |
| 57 | The influence of structured visual backgrounds on smooth-pursuit initiation, steady-state pursuit and smooth-pursuit termination. Biological Cybernetics, 1995, 73, 83-93. | 0.6 | 41 |
| 58 | Morphological classification of the rat lateral cerebellar nuclear neurons by principal component analysis. Journal of Comparative Neurology, 2003, 455, 139-155. | 0.9 | 41 |
| 59 | Cerebrocerebellar Circuits for the Perceptual Cancellation of Eye-movement-induced Retinal Image Motion. Journal of Cognitive Neuroscience, 2006, 18, 1899-1912. | 1.1 | 41 |
| 60 | Visual Motion Perception Deficits Due to Cerebellar Lesions Are Paralleled by Specific Changes in Cerebro-Cortical Activity. Journal of Neuroscience, 2009, 29, 15126-15133. | 1.7 | 40 |
| 61 | Indoleamine-mediated reciprocal modulation of on-centre and off-centre ganglion cell activity in the retina of the cat.. Journal of Physiology, 1984, 351, 613-630. | 1.3 | 39 |
| 62 | Responses of Direction-Selective Neurons in Monkey Cortex to Self-Induced Visual Motion. Annals of the New York Academy of Sciences, 1992, 656, 766-774. | 1.8 | 39 |
| 63 | Modification of the filehne illusion by conditioning visual stimuli. Vision Research, 1996, 36, 741-750. | 0.7 | 39 |
| 64 | Mirror neurons in monkey area F5 do not adapt to the observation of repeated actions. Nature Communications, 2013, 4, 1433. | 5.8 | 38 |
| 65 | Impaired analysis of moving objects due to deficient smooth pursuit eye movements. Brain, 1999, 122, 1495-1505. | 3.7 | 36 |
| 66 | Normal Spatial Attention But Impaired Saccades and Visual Motion Perception After Lesions of the Monkey Cerebellum. Journal of Neurophysiology, 2009, 102, 3156-3168. | 0.9 | 35 |
| 67 | Inability of Rhesus Monkey Area V1 to Discriminate Between Self-induced and Externally Induced Retinal Image Slip. European Journal of Neuroscience, 1996, 8, 1156-1166. | 1.2 | 34 |
| 68 | Neuronal responses from beyond the classic receptive field in V1 of alert monkeys. Experimental Brain Research, 2001, 139, 359-371. | 0.7 | 34 |
| 69 | Disparate substrates for head gaze following and face perception in the monkey superior temporal sulcus. ELife, 2014, 3, . | 2.8 | 33 |
| 70 | Mirror Neurons in Monkey Premotor Area F5 Show Tuning for Critical Features of Visual Causality Perception. Current Biology, 2016, 26, 3077-3082. | 1.8 | 32 |
| 71 | An Electrophysiological Correlate of Visual Motion Awareness in Man. Journal of Cognitive Neuroscience, 1998, 10, 464-471. | 1.1 | 31 |
| 72 | Cortical processing of head- and eye-gaze cues guiding joint social attention. NeuroImage, 2011, 54, 1643-1653. | 2.1 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | The role of cortical area MST in a model of combined smooth eye-head pursuit. Biological Cybernetics, 1999, 80, 71-84. | 0.6 | 30 |
| 74 | A Generic Framework for Real-Time Multi-Channel Neuronal Signal Analysis, Telemetry Control, and Sub-Millisecond Latency Feedback Generation. Frontiers in Neuroscience, 2010, 4, 173. | 1.4 | 30 |
| 75 | Neuronal correlates of perceptual stability during eye movements. European Journal of Neuroscience, 2008, 27, 991-1002. | 1.2 | 29 |
| 76 | Encoding of Smooth-Pursuit Eye Movement Initiation by a Population of Vermal Purkinje Cells. Cerebral Cortex, 2012, 22, 877-891. | 1.6 | 29 |
| 77 | Neuromagnetic activity in medial parietooccipital cortex reflects the perception of visual motion during eye movements. NeuroImage, 2004, 21, 593-600. | 2.1 | 28 |
| 78 | Duration of Purkinje cell complex spikes increases with their firing frequency. Frontiers in Cellular Neuroscience, 2015, 9, 122. | 1.8 | 28 |
| 79 | Neuronal substrates of gaze following in monkeys. European Journal of Neuroscience, 2009, 29, 1732-1738. | 1.2 | 27 |
| 80 | Cortical Substrates of Perceptual Stability during Eye Movements. NeuroImage, 2001, 14, S33-S39. | 2.1 | 26 |
| 81 | Microsaccade Control Signals in the Cerebellum. Journal of Neuroscience, 2015, 35, 3403-3411. | 1.7 | 26 |
| 82 | Eye movements of rhesus monkeys directed towards imaginary targets. Vision Research, 1999, 39, 2143-2150. | 0.7 | 25 |
| 83 | Specific vermal complex spike responses build up during the course of smooth-pursuit adaptation, paralleling the decrease of performance error. Experimental Brain Research, 2010, 205, 41-55. | 0.7 | 25 |
| 84 | Learning from the past: A reverberation of past errors in the cerebellar climbing fiber signal. PLoS Biology, 2018, 16, e2004344. | 2.6 | 25 |
| 85 | Role of the Vermal Cerebellum in Visually Guided Eye Movements and Visual Motion Perception. Annual Review of Vision Science, 2019, 5, 247-268. | 2.3 | 25 |
| 86 | Encoding of point of view during action observation in the local field potentials of macaque area F5. European Journal of Neuroscience, 2015, 41, 466-476. | 1.2 | 24 |
| 87 | Neural Control of Saccadic Eye Movements. , 2007, 40, 52-75. | | 23 |
| 88 | Cerebellum-Dependent Motor Learning. Progress in Brain Research, 2014, 210, 121-155. | 0.9 | 21 |
| 89 | Decoding of the otherâ€™s focus of attention by a temporal cortex module. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2663-2670. | 3.3 | 21 |
| 90 | Morphology and mosaics of VIP-like immunoreactive neurons in the retina of the rhesus monkey. Journal of Comparative Neurology, 1991, 312, 251-263. | 0.9 | 20 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | The subjective visual vertical in a nonhuman primate. Journal of Vision, 2008, 8, 19. | 0.1 | 20 |
| 92 | Following Eye Gaze Activates a Patch in the Posterior Temporal Cortex That Is not Part of the Human â€œFace Patchâ€• System. ENeuro, 2017, 4, ENEURO.0317-16.2017. | 0.9 | 20 |
| 93 | Lurcher Mice Exhibit Potentiation of GABAA-Receptorâ€"Mediated Conductance in Cerebellar Nuclei Neurons in Close Temporal Relationship to Purkinje Cell Death. Journal of Neurophysiology, 2004, 91, 1102-1107. | 0.9 | 19 |
| 94 | Detection of speed changes during pursuit eye movements. Experimental Brain Research, 2006, 170, 345-357. | 0.7 | 19 |
| 95 | The Role of the Monkey Dorsal Pontine Nuclei in Goal-Directed Eye and Hand Movements. Journal of Neuroscience, 2009, 29, 6154-6166. | 1.7 | 19 |
| 96 | Neural theory for the perception of causal actions. Psychological Research, 2012, 76, 476-493. | 1.0 | 18 |
| 97 | Binocular interaction in the optokinetic system of the crab<i>Carcinus maenas</i>(L.): Optokinetic gain modified by bilateral image flow. Visual Neuroscience, 1993, 10, 873-885. | 0.5 | 17 |
| 98 | A vermal Purkinje cell simple spike population response encodes the changes in eye movement kinematics due to smooth pursuit adaptation. Frontiers in Systems Neuroscience, 2013, 7, 3. | 1.2 | 17 |
| 99 | Individual neurons in the caudal fastigial oculomotor region convey information on both macroâ€• and microsaccades. European Journal of Neuroscience, 2016, 44, 2531-2542. | 1.2 | 17 |
| 100 | The same oculomotor vermal Purkinje cells encode the different kinematics of saccades and of smooth pursuit eye movements. Scientific Reports, 2017, 7, 40613. | 1.6 | 16 |
| 101 | Comparison of projection neurons in the pontine nuclei and the nucleus reticularis tegmenti pontis of the rat. , 1996, 376, 403-419. |  | 15 |
| 102 | Electrophysiological Properties of Rat Pontine Nuclei Neurons In Vitro II. Postsynaptic Potentials. Journal of Neurophysiology, 1997, 78, 3338-3350. | 0.9 | 15 |
| 103 | Electrophysiological Properties of Rat Pontine Nuclei Neurons In Vitro. I. Membrane Potentials and Firing Patterns. Journal of Neurophysiology, 1997, 78, 3323-3337. | 0.9 | 15 |
| 104 | Selective Attention Increases the Dependency of Cortical Responses on Visual Motion Coherence in Man. Cerebral Cortex, 2008, 18, 2902-2908. | 1.6 | 15 |
| 105 | Using deep neural networks to detect complex spikes of cerebellar Purkinje cells. Journal of Neurophysiology, 2020, 123, 2217-2234. | 0.9 | 15 |
| 106 | Cerebellar complex spikes multiplex complementary behavioral information. PLoS Biology, 2021, 19, e3001400. | 2.6 | 14 |
| 107 | Localization of aspartate aminotransferase and cytochrome oxidase in the cat retina. Neuroscience Letters, 1985, 53, 315-320. | 1.0 | 13 |
| 108 | The functional architecture of attention. Current Biology, 2002, 12, R158-R162. | 1.8 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Blink associated resetting eye movements (BARMs) are functionally complementary to microsaccades in correcting for fixation errors. Scientific Reports, 2017, 7, 16823. | 1.6 | 12 |
| 110 | Reply. Trends in Neurosciences, 2000, 23, 152-153. | 4.2 | 11 |
| 111 | Assessing the precision of gaze following using a stereoscopic 3D virtual reality setting. Vision Research, 2015, 112, 68-82. | 0.7 | 11 |
| 112 | A new motor synergy that serves the needs of oculomotor and eye lid systems while keeping the downtime of vision minimal. ELife, 2016, 5, . | 2.8 | 11 |
| 113 | Organization of tectopontine terminals within the pontine nuclei of the rat and their spatial relationship to terminals from the visual and somatosensory cortex. Journal of Comparative Neurology, 2005, 484, 283-298. | 0.9 | 10 |
| 114 | A loss of a velocityâ€duration tradeâ€off impairs movement precision in patients with cerebellar degeneration. European Journal of Neuroscience, 2018, 48, 1976-1989. | 1.2 | 10 |
| 115 | Different effects of visual deprivation on vasoactive intestinal polypeptide (VIP)-containing cells in the retinas of juvenile and adult rats. Experimental Brain Research, 1996, 111, 345-55. | 0.7 | 9 |
| 116 | Demonstration of an eye-movement-induced visual motion illusion (Filehne illusion) in Rhesus monkeys. Journal of Vision, 2009, 9, 5-5. | 0.1 | 9 |
| 117 | A Naturalistic Dynamic Monkey Head Avatar Elicits Species-Typical Reactions and Overcomes the Uncanny Valley. ENeuro, 2020, 7, ENEURO.0524-19.2020. | 0.9 | 9 |
| 118 | Pontine Reference Frames for the Sensory Guidance of Movement. Cerebral Cortex, 2012, 22, 345-362. | 1.6 | 8 |
| 119 | Smooth pursuit adaptation (SPA) exhibits features useful to compensate changes in the properties of the smooth pursuit eye movement system due to usage. Frontiers in Systems Neuroscience, 2013, 7, 67. | 1.2 | 8 |
| 120 | Monkeys head-gaze following is fast, precise and not fully suppressible. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151020. | 1.2 | 8 |
| 121 | Reflexive gaze following in common marmoset monkeys. Scientific Reports, 2019, 9, 15292. | 1.6 | 8 |
| 122 | Brainstem afferents to the lateral mesencephalic tegmental region of the cat. Journal of Comparative Neurology, 1995, 358, 219-232. | 0.9 | 7 |
| 123 | Postoperative psychosis in homocystinuria. European Psychiatry, 1997, 12, 98-101. | 0.1 | 7 |
| 124 | GABAergic inhibition in the rat pontine nuclei is exclusively extrinsic: evidence from an in situ hybridization study for GAD 67 mRNA. Experimental Brain Research, 1999, 124, 529-532. | 0.7 | 7 |
| 125 | Gamma oscillations underlying the visual motion aftereffect. NeuroImage, 2007, 38, 708-719. | 2.1 | 7 |
| 126 | Serotonergic Control of Cerebellar Mossy Fiber Activity by Modulation of Signal Transfer by Rat Pontine Nuclei Neurons. Journal of Neurophysiology, 2002, 88, 549-564. | 0.9 | 6 |

| # | Article | IF | Citations |
| --- | --- | --- | --- |
| 127 | V1 neurons encode the perceptual compensation of false torsion arising from Listingâ€™s law. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18799-18809. | 3.3 | 6 |
| 128 | Frontal, Parietal, and Temporal Brain Areas Are Differentially Activated When Disambiguating Potential Objects of Joint Attention. ENeuro, 2020, 7, ENEURO.0437-19.2020. | 0.9 | 6 |
| 129 | Saccadic gain adaptation is predicted by the statistics of natural fluctuations in oculomotor function. Frontiers in Computational Neuroscience, 2012, 6, 96. | 1.2 | 4 |
| 130 | Persistence of the dark-background-contingent gaze upshift during visual fixations of rhesus monkeys. Journal of Neurophysiology, 2014, 112, 1999-2005. | 0.9 | 4 |
| 131 | Glissades Are Altered by Lesions to the Oculomotor Vermis but Not by Saccadic Adaptation. Frontiers in Behavioral Neuroscience, 2019, 13, 194. | 1.0 | 4 |
| 132 | Variability of neuronal responses in the posterior superior temporal sulcus predicts choice behavior during social interactions. Journal of Neurophysiology, 2021, 126, 1925-1933. | 0.9 | 4 |
| 133 | Investigation of the Dorsolateral Basilar Pontine Grey of the Alert Monkey. Brain, Behavior and Evolution, 1989, 33, 75-79. | 0.9 | 3 |
| 134 | Non-human primates exhibit disconjugate ocular counterroll to head roll tilts. Vision Research, 2011, 51, 1986-1993. | 0.7 | 3 |
| 135 | Does the brain encode the gaze of others as beams emitted by their eyes?. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20375-20376. | 3.3 | 3 |
| 136 | Representation of the observerâ€™s predicted outcome value in mirror and nonmirror neurons of macaque F5 ventral premotor cortex. Journal of Neurophysiology, 2020, 124, 941-961. | 0.9 | 3 |
| 137 | The oculomotor cerebellum. , 2011, , . | | 3 |
| 138 | Visual and vestibular signals in the lateral mesencephalic tegmental region of the cat. Experimental Brain Research, 1991, 85, 641-9. | 0.7 | 2 |
| 139 | Acute and Chronic Alcohol-Related Disorders. , 2003, , 971-990. | | 2 |
| 140 | The Cerebellum: Eye Movements. , 2013, , 1169-1185. | | 2 |
| 141 | Parietal blood oxygenation levelâ€dependent response evoked by covert visual search reflects setâ€size effect in monkeys. European Journal of Neuroscience, 2014, 39, 832-840. | 1.2 | 2 |
| 142 | The Role of the Cerebellum in Optimizing Saccades. , 2016, , 173-196. | | 2 |
| 143 | Visual Circuits. , 2016, , 89-100. | | 2 |
| 144 | Learning-based methods for the analysis of intralimb-coordination and adaptation of locomotor patterns in cerebellar patients. , 2007, , . | | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Towards the Neural Basis of Spatial Attention: Studies in Monkey and Man. Neuro-Ophthalmology, 2009, 33, 132-141. | 0.4 | 1 |
| 146 | Does Chronic Idiopathic Dizziness Reflect an Impairment of Sensory Predictions of Self-Motion?. Frontiers in Neurology, 2013, 4, 181. | 1.1 | 1 |
| 147 | New properties of F5 mirror neurons and their implications for response selection. , 2015, , 39-57. | | 1 |
| 148 | Short-term adaptation of saccades does not affect smooth pursuit eye movement initiation. Journal of Vision, 2017, 17, 19. | 0.1 | 1 |
| 149 | Shape-invariant encoding of dynamic primate facial expressions in human perception. ELife, 2021, 10, . | 2.8 | 1 |
| 150 | Dark-habituation increases the dark-background-contingent upshift of gaze in macaque monkeys. Vision Research, 2021, 188, 262-273. | 0.7 | 1 |
| 151 | Sensitivity of express saccades to the expected value of the target. Journal of Neurophysiology, 2021, 125, 238-247. | 0.9 | 1 |
| 152 | Physiologically-Inspired Neural Circuits for the Recognition of Dynamic Faces. Lecture Notes in Computer Science, 2020, , 168-179. | 1.0 | 1 |
| 153 | A cortical substrate for motion perception during self-motion. Behavioral and Brain Sciences, 1994, 17, 335-335. | 0.4 | 0 |
| 154 | Ocular Flutterâ€"A Sign of Brain-Stem Pathology as Rare Consequence of Cyclosporin A Treatment. Neuro-Ophthalmology, 2005, 29, 81-84. | 0.4 | 0 |
| 155 | Die inferentielle Natur der Wahrnehmung: Die Bedeutung des Reafferenzprinzips fÃ¼r das Bewegungssehen. E-Neuroforum, 2006, 12, 160-165. | 0.2 | 0 |
| 156 | Saccade angle modulates correlation between the local field potential and cerebellar Purkinje neuron activity. BMC Neuroscience, 2013, 14, . | 0.8 | 0 |
| 157 | The dependencies of frontoâ€parietal <scp>BOLD</scp> responses evoked by covert visual search suggest eyeâ€centred coding. European Journal of Neuroscience, 2013, 37, 1320-1329. | 1.2 | 0 |
| 158 | Das Hertie-Institut fÃ¼r Klinische Hirnforschung. Ein Modell zukÃ¼nftiger UniversitÃtsmedizin?. E-Neuroforum, 2016, 22, 27-29. | 0.2 | 0 |
| 159 | Cerebellum: Eye Movements. , 2016, , 1297-1314. | | 0 |
| 160 | Neural models for the cross-species recognition of dynamic facial expressions. Journal of Vision, 2021, 21, 2238. | 0.1 | 0 |
| 161 | Frontal, Parietal, and Temporal Brain Areas Are Differentially Activated When Disambiguating Potential Objects of Joint Attention. ENeuro, 2020, 7, . | 0.9 | 0 |
| 162 | The Quest for a Unifying Framework for the Role of Cerebellar Complex Spikes. Contemporary Clinical Neuroscience, 2021, , 277-304. | 0.3 | 0 |

| # | Article | IF | Citations |
| --- | --- | --- | --- |
| 163 | Differential Kinematic Encoding of Saccades and Smooth-pursuit Eye Movements by Fastigial Neurons. Neuroscience Bulletin, 2022, , . | 1.5 | 0 |