Title and Abstract

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| Title | Inconsistencies (screening criteria) | Decision | Did it matter? |
| The role of category ambiguity in normal and impaired lexical processing: Can you paint without the paint? | 2 | Unclear | No |
| Cognitive correlates of visual and minor hallucinations in Parkinson's disease. | 2, 3 | No, Yes | No |
| Actigraphy enables home screening of rapid eye movement behavior disorder in Parkinson's disease. | 2, 3 | No, Yes | No |
| Prevalence and correlates of REM sleep behaviour disorder in patients with major depressive disorder: A two-phase study. | 3 | Unclear | No |
| Differences in motor features of C9orf72, MAPT, or GRN variant carriers with familial frontotemporal lobar degeneration. | 3 | No | No |
| Oculomotor impairments in de novo Parkinson's disease. | 2 | Unclear | Yes |
| Improving older adults' accessibility to the web using real-time online interactive guides. | 2 | Unclear | No |
| Aerobic exercise alters brain function and structure in Parkinson's disease: A randomized controlled trial. | 2 | No | Yes |
| Nelotanserin as symptomatic treatment for rapid eye movement sleep behavior disorder: A double-blind randomized study using video analysis in patients with dementia with Lewy bodies or Parkinson's disease dementia. | 3 | No | No |
| Acute effects of different exercise intensities on executive function and oculomotor performance in middle-aged and older adults: Moderate-intensity continuous exercise vs. High-intensity interval exercise. | 2 | No | No |
| "Gut microbiome signatures of risk and prodromal markers of Parkinson disease": Retraction. | 1,3 | No,No | No |
| Detection of alpha-synuclein in CSF by RT-QuIC in patients with isolated rapid-eye-movement sleep behaviour disorder: A longitudinal observational study. | 3 | Yes | No |
| Social categorization and joint attention: Interacting effects of age, sex, and social status. | 2 | Unclear | No |
| On the neuronal mechanisms of visuomotor transformations in humans. | 1,2 | Yes,Unclear | No |
| The role of arousal in age-related positivity effects in attention. | 2 | Unclear | No |
| Gut microbiome signatures of risk and prodromal markers of Parkinson disease | 3 | No | No |
| Diagnosis and treatment of Parkinson disease: A review. | 2,3 | No,No | No |
| Older adults elicit a single-bout post-exercise executive benefit across a continuum of aerobically supported metabolic intensities. | 2 | No | No |
| Eye movements in idiopathic rapid eye movement sleep behaviour disorder: High antisaccade error rate reflects prefrontal cortex dysfunction. | 2 | No | Yes |
| Aging effects on the visual span for alphabetic stimuli. | 2 | No | No |
| A case-control-family study of idiopathic rapid eye movement sleep behavior disorder. | 3 | No | No |
| Exploring emotional expression recognition in aging adults using the Moving Window Technique. | 2 | Unclear | No |
| Correction: "Exploring emotional expression recognition in aging adults using the Moving Window Technique". | 2 | Unclear | No |
| Deviation of spatial representation and asymmetric saccadic reaction time in hemi-Parkinson's disease. | 2 | Unclear | Yes |
| Gazepath: An eye-tracking analysis tool that accounts for individual differences and data quality. | 2 | Unclear | No |
| A community-based study of risk factors for probable rapid eye movement sleep behavior disorder. | 3 | No | No |
| Is there a common motor dysregulation in sleepwalking and rem sleep behaviour disorder? | 3 | Unclear | No |
| Altered visual strategies and attention are related to increased force fluctuations during a pinch grip task in older adults. | 2 | Unclear | No |
| Precipitous deterioration of motor function, cognition, and behavior. | 2,3 | Unclear, Unclear | Yes |
| Antisaccades in Parkinson disease: A new marker of postural control? | 2 | Unclear | Yes |
| Natural history of pure autonomic failure: A United States prospective cohort. | 3 | Unclear | No |
| Age differences in loneliness: Neural correlates, neurogenetics and functional connectivity. | 2 | Unclear | No |
| Reading in normally aging adults. | 1,2 | Unclear, Unclear | No |
| The association between alterations of eye movement control and cerebral intrinsic functional connectivity in Parkinson's disease. | 2 | Unclear | Yes |
| What is the link between hallucinations, dreams, and hypnagogic-hypnopompic experiences? | 1,3 | Unclear, Unclear | No |
| Distinct functional properties of the vertical and horizontal saccadic network in Health and Parkinson's disease: An eye-tracking and fMRI study. | 2 | Unclear | Yes |
| Performance gains though sensory systems: A dissertation. | 1 | Unclear | No |
| Autoimmune atypical parkinsonism-A group of treatable parkinsonism. | 3 | No | No |
| Circadian dysfunction in Parkinson's disease. | 1,3 | Unclear, Unclear | No |
| Age related changes in ocular motor testing in healthy subjects. | 2 | Unclear | No |
| An investigation of how multiple sources of information are integrated during online reading. | 2 | Unclear | No |
| Interference control in language processing: The effects of age and working memory. | 2 | Unclear | No |
| Smooth pursuit in elderly adults studied with apparent motion. | 2 | Unclear | No |
| The impact of red light running camera flashes on younger and older drivers' attention and oculomotor control. | 2 | Unclear | No |
| Using saccadic eye movements to assess cognitive decline with ageing. | 2 | Unclear | No |
| Are patients with Parkinson's disease blind to blindsight? | 2 | Unclear | Yes |
| Delayed emergence of a parkinsonian disorder or dementia in 81% of older men initially diagnosed with idiopathic rapid eye movement sleep behavior disorder: A 16-year update on a previously reported series. | 3 | Unclear | No |
| Impact of aging on long-term ocular reflex adaptation. | 2 | Unclear | No |
| Corrigendum to "Selective slowing of downward saccades in Wilson's disease". | 2 | Unclear | No |
| Selective slowing of downward saccades in Wilson's disease. | 2 | Unclear | No |
| Normative EMG values during REM sleep for the diagnosis of REM sleep behavior disorder. | 3 | No | No |
| Reading in healthy ageing: The influence of information structuring in sentences. | 2 | Yes | No |
| "Impaired GABA and glycine transmission triggers cardinal features of rapid eye movement sleep behavior disorder in mice": Corrections. | 1 | No | No |
| Preservation of automatic ocular saccades in healthy elderly: Alteration in patients with dementia with Lewy body. | 2 | Unclear | No |
| Cross-sensory plasticity and integration in human audio-visual spatial processing. | 2 | No | No |
| Worth a glance: Using eye movements to investigate the cognitive neuroscience of memory. | 2 | Unclear | No |
| Advancing age alters the influence of eye position on sound localization. | 2 | Yes | No |
| Overestimation of saccadic peak velocity recorded by electro-oculography compared to video-oculography and scleral search coil. | 1 | No | No |
| Selective defects of visual tracking in progressive supranuclear palsy (PSP): Implications for mechanisms of motion vision. | 2 | Unclear | No |
| Ocular-jaw synkinesia in normal, Parkinson's disease, and multiple system atrophy subjects: Clinical and electrophysiological findings. | 3 | Yes | No |
| The effects of practice and external support on older adults' control of reflexive eye movements. | 2 | No | No |
| Clinical reasoning: A video analysis of eye and limb movement abnormalities in a parkinsonian syndrome. | 2 | Unclear | No |
| Aging does not affect the accuracy of vertical saccades nor the quality of their binocular coordination: A study of a special elderly group | 2 | No | No |
| Eye movement abnormalities in spinocerebellar ataxia type 17 (SCA17). | 2 | No | No |
| Observing the what and when of language production for different age groups by monitoring speakers' eye movements. | 1,2 | No, No | No |
| Prolongation of latency of horizontal saccades in elderly is distance and task specific. | 2 | Yes | No |
| Rapid Eye Movement Sleep Behavior Disorder In Parkinsonism with PARKIN Mutations. | 3 | No | No |
| The Adult Developmental Eye Movement Test (A-DEM): A Tool for Saccadic Evaluation in Adults. | 2 | Yes | No |
| The nature of visual memory representations. | 2 | Yes | No |
| Age differences in the control of looking behavior: Do you know where your eyes have been? | 2 | No | No |
| Changes in sleep cycle patterns with age. | 3 | No | No |
| Spasmodic associated movements of the eyes. Can they be produced by syphilis? | 1 | Yes | No |
| The Pupil Knows: Pupil Dilation Indexes and Their Inhibitory Ability in Normal Aging | 2 | Yes | No |
| Timing of head turns to upcoming talkers in triadic conversation: Evidence for prediction of turn ends and interruptions. | 2 | Yes | No |
| Sodium oxybate in treatment-resistant rapid-eye-movement sleep behavior disorder | 3 | No | No |
| Speech Processing as a Far-Transfer Gauge of Serious Games for Cognitive Training in Aging: Randomized Controlled Trial of Web-Based Effectivate Training. | 2 | No | No |
| Personality profile and its association with conversion to neurodegenerative disorders in idiopathic REM sleep behavior disorder. | 3 | No | No |
| Correlating Ocular Physiology and Visual Function with Mild Cognitive Loss in Senior Citizens in Taiwan. | 2 | No | No |
| Comparing Intensive Trauma-Focused Treatment Outcome on PTSD Symptom Severity in Older and Younger Adults. | 2 | Unclear | No |
| Accurate Detection of alpha-Synuclein Seeds in Cerebrospinal Fluid from Isolated Rapid Eye Movement Sleep Behavior Disorder and Patients with Parkinson's Disease in the DeNovo Parkinson (DeNoPa) Cohort. | 3 | Yes | No |
| Quotidian Profile of Vergence Angle in Ambulatory Subjects Monitored With Wearable Eye Tracking Glasses. | 2 | No | No |
| Effect of multimodal comprehensive communication skills training with video analysis by artificial intelligence for physicians on acute geriatric care: a mixed-methods study. | 2 | Yes | No |
| Effects of balance training with and without gaze stabilization exercises on clinical outcomes in elderly patients with chronic dizziness: A randomized controlled trial. | 2 | No | No |
| Balance Therapy With Hands-Free Mobile Robotic Feedback for At-Home Training Across the Lifespan. | 2 | Yes | No |
| Relationship between spontaneous nystagmus and video Head Impulse Test findings among patients with chronic neurotologic conditions. | 2 | No | No |
| Diffuse Lewy body disease presenting as Parkinson's disease with progressive aphasia. | 3 | Yes | No |
| Ocular Motor Abnormalities in Anti-IgLON5 Disease. | 2 | Unclear | No |
| Auditory and Visual Integration for Emotion Recognition and Compensation for Degraded Signals are Preserved With Age. | 2 | Yes | No |
| Association of age-related cognitive and obstacle avoidance performances. | 3 | No | No |
| Age-related Patterns of Vestibular Dysfunction in Dizziness and Imbalance: A Review of Vestibular Testing Results Among 1,116 Patients. | 2 | Unclear | No |
| Gabapentin Relieves Vertigo of Periodic Vestibulocerebellar Ataxia: 3 Cases and Possible Mechanism. | 2 | Unclear | No |
| The Neural Signature of Impaired Dual-Tasking in Idiopathic Rapid Eye Movement Sleep Behavior Disorder Patients. | 2 | Yes | No |
| Subtle gait and balance impairments occur in idiopathic rapid eye movement sleep behavior disorder. | 3 | No | No |
| Eye Movement Perimetry and Frequency Doubling Perimetry: clinical performance and patient preference during glaucoma screening. | 2 | Unclear | No |
| Vestibular function in panic disorder patients: a vestibular-evoked myogenic potentials and video head impulse test study. | 3 | Yes | No |
| Assessing balance through the use of a low-cost head-mounted display in older adults: a pilot study. | 2 | Yes | No |
| Intrinsic brain connectivity after partial sleep deprivation in young and older adults: results from the Stockholm Sleepy Brain study. | 2 | Yes | No |
| Decrease of Horizontal Canal Vestibulo-Oculomotor Reflex Gain in the Elderly with Dysequilibrium without Lifetime Vertigo. | 2 | No | No |
| Diverse clinical and laboratory manifestations of bilateral vestibulopathy. | 2 | Unclear | No |
| Neurological Improvement with Medical Cannabis in a Progressive Supranuclear Palsy Patient: A Case Report. | 2 | Unclear | No |
| Juvenile Parkinson Disease. | 1 | Yes | No |
| Objective Measurement of Fusional Vergence Ranges and Heterophoria in Infants and Preschool Children. | 2 | No | No |
| Effect of Gaze Position and Blur on Stepping Accuracy in Older Adults. | 2 | Yes | No |
| Adaptation to Laterally Displacing Prisms in Anisometropic Amblyopia. | 2 | Unclear | No |
| Rhythmic Firing of Pedunculopontine Tegmental Nucleus Neurons in Monkeys during Eye Movement Task. | 1,2 | Yes, Yes | No |
| Atypical Parkinsonism-Dystonia Syndrome Caused by a Novel DJ1 Mutation. | 1 | Yes | No |
| An affective sensing approach through pupil diameter processing and svm classification - biomed 2010. | 2 | Unclear | No |
| Secondary dystonia-clinical clues and syndromic associations. | 1 | Yes | No |
| Infantile nystagmus syndrome: Broadening the high-foveation-quality field with contact lenses. | 2 | Unclear | No |
| Restless legs syndrome, rapid eye movement sleep behavior disorder, and hypersomnia in patients with two parkin mutations. | 3 | Yes | No |
| Atypical parkinsonism in the Caribbean island of Guadeloupe: etiological role of the mitochondrial complex I inhibitor annonacin. | 1 | No | No |
| Irresistible onset of sleep during acute levodopa challenge in a patient with multiple system atrophy (MSA): placebo-controlled, polysomnographic case report. | 1 | No | No |
| [A 56-year-old woman with parkinsonism and dementia with the age of onset at 41 years]. | 1,3 | Yes, Yes | No |
| Treatment of progressive supranuclear palsy with methysergide. A clinical study. | 3 | Unclear | No |
| Age differences in perceiving the direction of self-motion from optical flow. | 2 | No | No |
| Privacy-preserving datasets of eye-tracking samples with applications in XR | 2 | No | No |
| A Case with Bilateral Dural Arteriovenous Fistulae Manifesting as Sequential Trochlear, Oculomotor Nerve Palsies | 2 | Unclear | No |
| The impact of rehabilitation measures on the geriatric profile of patients with glaucoma | 2 | No | No |
| Multiple step saccades are generated by internal real-time saccadic error correction | 2 | Unclear | No |
| WEBINO Syndrome in a Patient with Progressive Supranuclear Palsy: Case Report and Literature Review | 1,2 | Yes,Unclear | No |
| Evidence for a multidomain clinical assessment of mild traumatic brain injury in older adults | 3 | No | No |
| Simulated communication skills training program effects using augmented reality with real-time feedback: A randomized control study | 2 | Yes | No |
| Design System of Driving Scenario by Applying Static and Dynamic Stimuli in VR Driving Simulator Based on Text Network Analysis | 2 | Yes | No |
| Study on Experience Design of Elderly Online Learning Interface Based on Cognitive Load | 1,2 | Yes, Yes | No |
| A novel prototype for virtual-reality-based deep brain stimulation trajectory planning using voodoo doll annotation and eye-tracking | 2 | Yes | No |
| Eye Movements in Fragile X-Associated Tremor/Ataxia Syndrome | 2 | Unclear | No |
| Pre-ataxic Changes of Clinical Scales and Eye Movement in Machado–Joseph Disease: BIGPRO Study | 2 | Unclear | No |
| Improving Smartphone Reading Experience for Middle-Aged and Elderly Users: The Effect of Font Size, Line Spacing and Stroke Weight | 2 | Yes | No |
| Last Guidelines Overview of Consecutive Esotropia Management: Review Article | 1 | No | No |
| Field observation, photosimulation and videosimulation of target detection in maritime environments: Update | 2 | Yes | No |
| A quantitative analysis of postural control in elderly patients with vestibular disorders using visual stimulation by virtual reality | 3 | No | No |
| DREAMING IN REM SLEEP BEHAVIOR DISORDER | 1,3 | Yes, Unclear | No |
| Investigating the performance of a worn optical wireless device with mobility | 2 | Yes | No |
| Designing and Evaluating Technology for the Dependent Elderly in Their Homes | 1 | No | No |
| Improvement of memory in healthy elderly subjects by Shentai Tea Polyphenols | 2 | No | No |
| Measurement and Analysis of Eye Movements Performance to Predict Healthy Brain Aging | 2 | Unclear | No |
| Measurement and Analysis of Eye Movements Performance to Predict Healthy Brain Aging | 1 | Yes | No |
| Fundamental study for prevention of stumble accident using base of support | 2 | No | No |
| Characterization of Eye Gaze and Pupil Diameter Measurements from Remote and Mobile Eye-Tracking Devices | 2 | Unclear | No |
| Wearable Biofeedback Suit to Promote and Monitor Aquatic Exercises: A Feasibility Study | 2 | No | No |
| Assistive Technologies to Support Communication with Neuro-motor Disabled Patients | 1,2 | Yes, Yes | No |
| Proposal for interactive robot eyes to achieve eye contact between humans and a robot | 2 | Yes | No |
| Knowledge based health monitoring during driving | 2 | No | No |
| Using Eye Movements Recorded in the Visual World Paradigm to Explore the Online Processing of Spoken Language | 1,2 | Yes, Yes | No |
| The Role of Inhibition in Avoiding Distraction by Salient Stimuli | 2 | Unclear | No |
| Loss of substantia nigra hyperintensity at 3.0-T MR imaging in idiopathic REM sleep behavior disorder: Comparison with 123I-FP-CIT SPECT | 3 | No | No |
| Nonlinear dynamics of the human smooth pursuit system in health and disease: Model structure and parameter estimation | 2 | No | No |
| Physiology of midbrain head movement neurons in cervical dystonia | 1 | Yes | No |
| Disorders of Accommodative Convergation and Accommodation (AC/A) Relations at Traumatic Brain Injury | 2 | Unclear | No |
| Wheelchair control and navigation based on kinematic model and iris movement | 2 | No | No |
| EEG signal and video analysis based depression indication | 2 | Unclear | No |
| Kognit: Intelligent cognitive enhancement technology by cognitive models and mixed reality for dementia patients | 1,2 | Yes, Yes | No |
| Evaluating the impact of embodied conversational agents (ECAs) attentional behaviors on user retention of cultural content in a simulated mobile environment | 2 | No | No |
| Facial-feature based Human-Computer Interface for disabled people | 2 | Yes | No |
| An autopsied case of progressive supranuclear palsy presenting with slow progression and unusually prolonged disease duration | 1,3 | Yes, Yes | No |
| Gaze pattern lock for elders and disabled | 2 | No | No |
| Neuroimaging methods as biomarkers of neurodegeneration in REM sleep behavior disorder | 1 | No | No |
| Parkinson's disease and nonmotor dysfunction: Second edition | 3 | Yes | No |
| Data integration in multimodal home care surveillance and communication system | 2 | Unclear | No |
| Charles Bonnet syndrome in pseudoexfoliation syndrome | 1 | Yes | No |
| Activity monitoring by fusion of optical and mechanical tracking technologies for user behavior analysis | 2 | No | No |
| Familial dystonia, parkinsonism, ataxia, and dementia: What is it? | 1,3 | Yes, Unclear | No |
| Multi-modality - EMG and visual based hands-free control of an intelligent wheelchair | 2 | No | No |
| Comparative analysis of noninvasively monitored biosignals for affective assessment of a computer user | 2 | Unclear | No |
| The visual cortex in alzheimer's disease: Laminar distribution of the pathological changes in visual areas V1 and V2 | 1 | Yes | No |
| Design of a real-time eye tracking system based on contactless configuration | 2 | Unclear | No |
| An 81-year-old woman with progressive motor disturbance, extrapyramidal features, dementia, and oculomotor palsy | 1 | Yes | No |
| A computer diagnosing system of dementia using smooth pursuit oculogyration | 2 | Unclear | No |
| Neuro-otological findings in patients with cerebeller infarction and/or hemorrhage | 1,2 | Yes, Unclear | No |
| Neurosyphilis presenting as progressive supranuclear palsy [with videotape | 1 | Yes | No |
| Age-related differences in dynamic visual acuity with viewing eccentricity | 2 | No | No |
| A 85 year old woman with the onset of progressive gait disturbance at 80 years of the age | 1 | Yes | No |
| A case of spinocerebellar ataxia type 6 with hypochondriasis and severe parkinsonism | 1 | Yes | No |
| Accessory levator muscle of the upper eyelid: Case report and review of the literature | 1 | Yes | No |
| A Case of Probable Dementia with Lewy Bodies Presenting with Geographic Mislocation and Nurturing Syndrome | 1 | Yes | No |
| Parkinsonism due to Manganism in a Welder | 1,3 | Yes, Yes | No |
| Importance of unilateral occlusion in examination of pupillary light reflex on an aged patient with large-angle exophoria-tropia | 1 | Yes | No |
| A 65-year-old man with parkinsonism, gaze palsy, and dementia | 1 | Yes | No |
| A 64-year-old man with parkinsonism as an initial symptom followed by dementia associated with marked abnormal behaviours | 1 | Yes | No |
| Vision and vestibular adaptation | 1,2 | No | No |
| The course of the ophtmalmic nerve both in the cavernous sinus and orbit | 3 | No | No |
| Irresistible onset of sleep during acute levodopa challenge in a patient with multiple system atrophy: Placebo-controlled, polysomnographic case report | 1 | Yes | No |
| An optical device for patients with downgaze problems shown in a patient suffering from Steele-Richardson-Olszewski syndrome | 2 | Yes | No |
| Scanning laser ophthalmoscope recording of fundus movement in the presence of an ophthalmic prism | 2 | Unclear | No |
| The effects of distraction on smooth pursuit in normal subjects | 2 | No | No |
| Effects of eye tracking stimulation on movements of the body's center of gravity and the head in elderly subjects (second report) | 2 | Unclear | No |
| Senescence of human visual-vestibular interactions: smooth pursuit, optokinetic, and vestibular control of eye movements with aging | 2 | No | No |
| Effects of eye tracking stimulation on movement of body's center of gravity and head in elderly subjects | 2 | Unclear | No |
| Nefazodone: A new antidepressant | 1 | Yes | No |
| Landmark-driven fundus perimetry using the scanning laser ophthalmoscope | 2 | Unclear | No |
| Long-Term Polysomnographic Study of the Efficacy and Safety of Zolpidem in Elderly Psychiatric In-Patients with Insomnia | 1 | Yes | No |
| A Study of Vestibular Disorders Using a Tilt Apparatus-Nystagmus in Benign Paroxysmal Positional Vertigo Induced by Tilting | 2 | No | No |
| Eye movements of children, adults, and elderly persons during inspection of dot patterns | 2 | No | No |
| A case of progressive supranuclear palsy dramatically improved with L-threo-3,4-dihydroxyphenylserine | 1 | Yes | No |
| Effect of Des-Tyrosine-γ-Endorphin in Tardive Dyskinesia | 2 | No | No |
| Photoelectric Integrated Device With Dual Photodiode-Body-Biased MOSFETs Enabling Near Infrared Eye Tracking for Augmented and Virtual Realities | 1 | No | No |
| Affective Out-World Experience via Virtual Reality for Older Adults Living with Mild Cognitive Impairments or Mild Dementia. | 2 | Yes | No |
| Smart TV for Older Adults: A Comparative Study of the Mega Menu and Tiled Menu | 2 | Yes | No |
| To measure the amount of ocular deviation in strabismus patients with an eye-tracking virtual reality headset | 2 | Unclear | No |
| Real-time eye-gaze estimation using a low-resolution webcam | 2 | No | No |
| Effects of different virtual reality technology driven dual-tasking paradigms on posture and saccadic eye movements in healthy older adults | 2 | Yes | No |
| The impact of positive, negative and neutral stimuli in a virtual reality cognitive-motor rehabilitation task: a pilot study with stroke patients | 2 | Yes | No |
| Augmenting human senses to improve the user experience in cars: applying augmented reality and haptics approaches to reduce cognitive distances | 2 | No | No |
| TV controlling system for elder and sick people, has data acquisition monitoring unit connected with data pre-processing memory, and satisfaction monitor whose input end is connected with facial muscle wave sensor and eye tracking sensor | 1 | Yes | No |
| TV control system for old people, has infrared sensor, camera, sound sensor and human monitor input which are connected together and facial myoelectric sensor and eye tracking sensor which are connected to input of satisfaction monitor | 1,2 | Yes, Unclear | No |
| Non-transitory computer-readable medium for assessing ocular, ophthalmic, neurological, physiological, psychological or behavioral condition by analyzing data indicative of tracked eye movement of subject in response to visual stimuli | 1,2 | Yes, Unclear | No |
| isual perception intelligent method for wooden decorative space with different proportions for old people, involves using virtual reality technology to make elderly group experience different proportion of wood decorative space visual perception | 1,2 | Yes, Yes | No |
| Method for detecting hand-eye coordination of individual in real time involves performing spatio-temporal analysis of determined eye gaze path and measured hand movements to compute hand-eye coordination value attributable to individual | 1,2 | Yes, Yes | No |
| De novo DHDDS variants cause a neurodevelopmental and neurodegenerative disorder with myoclonus. Video Material | 1 | Yes | No |
| Teaching Video NeuroImages: Vertical supranuclear ophthalmoparesis A diagnostic pearl for Niemann-Pick C | 1 | Yes | No |
| Eye-trace signatures of clinical populations under natural viewing. | 3 | Yes | Yes |
| Line bisection in Parkinson's disease: Investigation of contributions of visual field, retinal vision, and scanning patterns to visuospatial function. | 2 | Unclear | Yes |
| Directional asymmetries of saccadic hypometria in patients with early Parkinson's disease and unilateral symptoms. | 2 | Unclear | Yes |
| Multiple step pattern as a biomarker in Parkinson disease. | 2 | Unclear | Yes |
| Behavior in Parkinson's disease as related to self-efficacy and outcome expectancy. | 2 | Unclear | Yes |
| Levodopa-induced ocular dyskinesia in Parkinson's disease. | 2 | Unclear | Yes |
| Improvement of memory guided saccades in Parkinsonian patients by high frequency subthalamic nucleus stimulation. | 2 | Unclear | Yes |
| The psychological test pattern in progressive supranuclear palsy. | 3 | Yes | Yes |
| Eye Movements Decrease during Effortful Speech Listening. | 3 | No | Yes |
| Inability to suppress head rotation during the saccade test as a clinical biomarker for cognitive dysfunction in Parkinson's disease. | 2 | Unclear | Yes |
| Evaluating Oculomotor Tests before and after Vestibular Rehabilitation in Patients with Parkinson's Disease: A Pilot Pre-Post Study. | 2 | No | Yes |
| Detection of Motor Dysfunction With Wearable Sensors in Patients With Idiopathic Rapid Eye Movement Disorder. | 2,3 | No, No | Yes |
| Classification and staging of Parkinson's disease using video-based eye tracking. | 3 | Yes | Yes |
| Pedunculopontine network dysfunction in Parkinson's disease with postural control and sleep disorders. | 2 | No | Yes |
| Cognitive Impairments and Self-Reported Sleep in Early-Stage Parkinson's Disease with Versus without Probable REM Sleep Behavior Disorder. | 2 | No | Yes |
| Accuracy and re-test reliability of mobile eye-tracking in Parkinson's disease and older adults. | 2 | Unclear | Yes |
| Changes in postural control in patients with Parkinson's disease: a posturographic study. | 2 | Unclear | Yes |
| Changes to saccade behaviors in Parkinson's disease following dancing and observation of dancing. | 2 | Unclear | Yes |
| Visual symptoms in Parkinson's disease and Parkinson's disease dementia. | 2 | Unclear | Yes |
| Vestibular impairment and adaptive postural imbalance in parkinsonian patients with lateral trunk flexion. | 2,3 | Unclear, Unclear | Yes |
| Comparison of smooth pursuit eye movement deficits in multiple system atrophy and Parkinson's disease. | 2 | Unclear | Yes |
| [Predictive ocular motor control in Parkinson's disease]. | 2 | Unclear | Yes |
| [Visual-oculomotor and vestibular-oculomotor abnormalities in Parkinson's disease]. | 2 | Unclear | Yes |
| Parkinson's disease with camptocormia. | 2,3 | Unclear, Yes | Yes |
| [A 54-year-old man with action myoclonus, parkinsonism and epilepsy]. | 2,3 | No, No | Yes |
| A functional model of some Parkinson's disease symptoms using a Guided Propagation Network. | 1,2,3 | Unclear, Unclear, Unclear | Yes |
| A 'tachometer' feedback model of smooth pursuit eye movements. | 1,2,3 | Unclear, Unclear, Unclear | Yes |
| Head-impulse tests aid in differentiation of multiple system atrophy from Parkinson’s disease | 2 | Unclear | Yes |
| Baseline Wander Removal Applied to Smooth Pursuit Eye Movements From Parkinsonian Patients | 3 | Yes | Yes |
| Istradefylline Improves Impaired Smooth Pursuit Eye Movements in Parkinson’s Disease | 2 | Unclear | Yes |
| An Expert System to Detect and Classify CNS Disorders Based on Eye Test Data Using SVM and Nature-Inspired Algorithms | 2 | Unclear | Yes |
| Studying facial activity in Parkinson's disease patients using an automated method and video recording | 2 | Unclear | Yes |
| Antisaccade, a predictive marker for freezing of gait in Parkinson's disease and gait/gaze network connectivity | 2 | Unclear | Yes |
| An Oculomotor Digital Parkinson Biomarker from a Deep Riemannian Representation | 1,2,3 | Unclear, Unclear, Unclear | Yes |
| Author Correction: Eye movement characteristics reflected fatigue development in both young and elderly individuals | 3 | Unclear | Yes |
| Eye corners tracking for head movement estimation | 3 | Unclear | Yes |
| A new integrated system for assistance in communicating with and telemonitoring severely disabled patients | 3 | No | Yes |
| Feldenkrais method as a part of rehabilitation stay for people with neuromuscular disease | 2,3 | No, No | Yes |
| IoT smart home using eye tracking and voice interfaces for elderly and special needs people | 1,2,3 | No, No, No | Yes |
| Supportive communication system for the elderly disabled people | 1,2,3 | No, No, No | Yes |
| Do you see what I see? Mobile eye-tracker contextual analysis and inter-rater reliability | 3 | Yes | Yes |
| Webcam-based system for video-oculography | 1,2 | Yes, Unclear | Yes |
| Clinical analysis of ocular symptoms of patients with early and middle stage Parkinson's disease | 2 | Unclear | Yes |
| Reward Pays the Cost of Noise Reduction in Motor and Cognitive Control | 3 | Yes | Yes |
| New applications of multimodal human-computer interfaces | 1,2,3 | No, No, No | Yes |
| Ocular Tremor in Parkinson's Disease Is Due to Head Oscillation | 3 | Yes | Yes |
| Eye movements in ephedrone-induced parkinsonism | 2 | Unclear | Yes |
| Is it PD, PSP, CBD, DLB, or MSA? | 1,2,3 | No, No, No | Yes |
| Fixation stability during binocular viewing in patients with age-related macular degeneration | 2 | Unclear | No |
| PSP as distinguished from CBD, MSA-P and PD by clinical and imaging differences at an early stage | 2 | Unclear | Yes |
| Relationship between predictable ocular motor control and cognitive function in Parkinson's disease | 2 | Unclear | Yes |
| Ocular microtremor in patients with idiopathic Parkinson's disease | 2,3 | No, Yes | Yes |
| UNE OBSERVATION ANATOMO‐CLINIQUE DE DEMENCE PRESENILE APPARTENANTE AU GROUPE DE LA MALADIE DE CREUTZFELDT‐ JAKOB | 1,2,3 | No, No, No | Yes |
| Computer simulation of oculomotor control in extrapyramidal disorders | 1,2,3 | Yes, Unclear, Yes | Yes |
| Quantifying saccades while walking: validity of a novel velocity-based algorithm for mobile eye tracking | 2,3 | Yes, Yes | Yes |
| Emulation of Physician Tasks in Eye-tracked Virtual Reality for Remote Diagnosis of Neurodegenerative Disease | 2,3 | Yes, Yes | Yes |
| Multi-view classification of psychiatric conditions based on saccades | 1,2,3 | Yes, Unclear, Yes | Yes |
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| Decision log: Log of inconsistencies and decisions made, as well as whether the inconsistencies made a difference to whether the paper would have been included or excluded by each reviewer, during both title and abstract and full-text screening phases. |  |  |  |

Full-Text

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| --- | --- | --- | --- |
| Title | Inconsistent criteria | Decision | Did it matter? |
| Precipitous deterioration of motor function, cognition, and behavior. | 3 | No | No |
| The subthalamic nucleus influences visuospatial attention in humans. | 3 | No | No |
| Facial emotion recognition in Parkinson's disease. | 2 | No | No |
| A protocol to examine vision and gait in Parkinson's disease: impact of cognition and response to visual cues. | 2 | Yes | Yes |
| Detection of Oculomotor Dysmetria From Mobile Phone Video of the Horizontal Saccades Task Using Signal Processing and Machine Learning Approaches. | 3 | No | No |
| Ocular features of patients with Parkinson's disease examined at a Neuro-Optometry Clinic in a tertiary eye care center. | 3 | No | No |
| iTrack: instrumented mobile electrooculography (EOG) eye-tracking in older adults and Parkinson's disease. | 2 | Yes | Yes |
| Accuracy and re-test reliability of mobile eye-tracking in Parkinson's disease and older adults. | 2 | Yes | Yes |
| Vestibular impairment and adaptive postural imbalance in parkinsonian patients with lateral trunk flexion. | 3 | No | No |
| A multimodal Parkinson quantification by fusing eye and gait motion patterns, using covariance descriptors, from non-invasive computer vision | 2 | No | No |
| Eye movements and association with regional brain atrophy in clinical subtypes of progressive supranuclear palsy | 3 | No | No |
| An Oculomotor Digital Parkinson Biomarker from a Deep Riemannian Representation | 3 | No | No |
| Multiscale fluctuation-based dispersion entropy and its applications to neurological diseases | 3 | No | No |
| Parkinsonian Ocular Fixation Patterns from Magnified Videos and CNN Features | 3 | No | No |
| Effect of subthalamic nucleus deep brain stimulation on visual scanning | 2,3 | Yes, No | No |
| Webcam-based system for video-oculography | 3 | No | No |
| Reward Pays the Cost of Noise Reduction in Motor and Cognitive Control | 3 | No | No |
| Basal ganglia dysfunction reduces saccade amplitude during visual scanning in Parkinson's disease | 2 | No | No |
| Characterizing the eye trajectory during the gait towards Parkinson stage identification | 2 | No | Yes |
| The perception of head rotation in parkinson's disease | 3 | Yes | No |
| Eye-movement patterns and perceptual biases in face processing: the effects of aging | 2 | Yes | No |
| Emulation of Physician Tasks in Eye-tracked Virtual Reality for Remote Diagnosis of Neurodegenerative Disease | 2,3 | No, Yes | Yes |