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| Name of paper | Author | Included/excluded | Reason for exclusion |
| The facial emotion recognition deficit in Parkinson's disease: Implications of a visual scanning strategy | Ciccarelli et al., 2022 | Included |  |
| Oculomotor impairments in de novo Parkinson's disease | Zhou et al., 2022 | Excluded | No naturalistic task |
| Eye-gaze strategies during facial emotion recognition in neurodegenerative diseases and links with neuropsychiatric disorders | Polet et al., 2022 | Included |  |
| Theory of mind, empathy and eye gaze strategies during an artwork observation in neurodegenerative pathologies | Polet et al., 2021 | Excluded | Not in English |
| An investigation of the contribution of axial rigidity to turning deficits in individuals with Parkinson's disease | Khobkhun et al., 2021 | Excluded | No control group |
| Action observation and imitation in Parkinson's disease: the influence of biological and non-biological stimuli | Bek et al., 2021 | Included |  |
| Implicit sequence learning in individuals with Parkinson's disease: The added value of using an ocular version of the serial reaction time (O-SRT) task. | Vakil et al., 2021 | Excluded | No naturalistic task |
| On the neuronal mechanisms of visuomotor transformations in humans | Kadkhodaeian et al., 2021 | Excluded | No naturalistic task |
| Horizontal saccadic eye movements: A glimpse into cognition | Manuel et al., 2021 | Excluded | No naturalistic task |
| Ocular fixations and presaccadic potentials to explain pareidolias in Parkinson's disease | Revankar et al., 2020 | Included |  |
| Clinical and oculomotor correlates with freezing of gait in a Chinese cohort of Parkinson's disease patients | Wu et al., 2020 | Excluded | No naturalistic task |
| Matural reading in Parkinson's disease with and without mild cognitive impairment | Stock et al., 2020 | Included |  |
| Multimodal visual exploration disturbances in Parkinson's disease detected with an infrared eye-movement assessment system. | Nagai et al., 2020 | Included |  |
| Influence of obstacle color on locomotor and gaze behaviours during obstacle avoidance in people with Parkinson's disease | Penedo et al., 2018 | Excluded | Walking paper |
| Do people with Parkinson's disease look at task relevant stimuli when walking? An exploration of eye movements | Hunt et al., 2018 | Excluded | Walking paper |
| Slower saccadic reading in Parkinson's disease | Jehangir et al., 2018 | Excluded | No naturalistic task |
| Deviation of spatial representation and asymmetric saccadic reaction time in hemi-parkinson's disease | Shen et al., 2018 | Excluded | No naturalistic task |
| Saccade frequency response to visual cues during gait in Parkinson's disase:the selective role of attention | Stuart et al., 2018 | Excluded | Walking paper |
| The effect of lexical stress on eye movements and prosody planning during reading in individuals with Parkinson's disease | Park 2017 | Included |  |
| Precipitous deterioration of motor function, cognition, and behaviour | Fernandez-Fournier et al., 2017 | Excluded | No naturalistic task |
| Analysis of visual exploration by eye-tracking in social cognition tasks among patients with neurodegenerative diseases. | Polet et al., 2017 | Excluded | Not in English |
| Direct and indirect effects of attention and visual function on gait impairment in Parkinson'd disease: influence of task and turning | Stuart et al., 2017 | Excluded | Walking paper |
| Antisaccades in Parkinson's disease: a new marker of postural control? | Ewenczyk et al., 2017 | Excluded | No naturalistic task |
| Motor adaptation and automaticity in people with Parkinson's disease and freezing of gait | Nemanich et al., 2017 | Excluded | No naturalistic task |
| The association between alterations of eye movement control and cerebral intrinsic functional connectivity in Parkinson's disease | Gorges et al., 2016 | Excluded | No naturalistic task |
| Distinct functional properties of the vertical and horizontal saccadic network in health and parkinson's disease: an eye tracking and fMRI study | Lemos et al., 2016 | Excluded | No naturalistic task |
| Abnormal eye movement behaviour during reading in parkinson's disease | Yu et al., 2016 | Excluded | Duplicate |
| Constraining eye movement in individuals with Parkinson's disease suring walking turns | Ambati et al., 2016 | Excluded | Walking paper |
| STN-DBS reduces saccadic hypometria but not visuospatial bias in Parkinson's disease patients | Fischer et al., 2016 | Included |  |
| Is multiple system atrophy with cerebella ataxia (MSA-C) like spinocerebellar ataxia and multiple system atrophy with parkinsonism (MSA-P) like Parkinson's disease? A saccade study on pathophysiology | Terao et al., 2016 | Excluded | No naturalistic task |
| Visual attention and saccadic oculomotor control in Parkinson's disease | Buhmann et al., 2015 | Excluded | Duplicate |
| Fast vergence eye movements are disrupted in Parkinson's disease:A video-oculography study. | Hanuska et al., 2015 | Excluded | No naturalistic task |
| Are patients with Parkinson's disease blind to blindsight? | Diederich et al., 2014 | Excluded | No naturalistic task |
| The subthalamic nucleus influences visuospatial attention in humans | Schmalbach et al., 2014 | Excluded | No control group |
| Slowing of number naming speed by King-Devick Test in Parkinson's disease | Lin et al., 2014 | Excluded | No naturalistic task |
| Functional connectivity within the default mode network is associated with saccadic accuracy in Parkinson's disease: A resting state fMRI and videooculographic study | Gorges et al., 2013 | Excluded | No naturalistic task |
| Eye trace signatures of clinical populations under natural viewing | Tseng et al., 2013 | Excluded | Duplicate |
| Oculomotor function and locomotion in Parkinson's disease | Lohnes et al., 2013 | Excluded | Walking paper |
| Line bisection in Parkinson's disease: investigation of contributions of visual field, retinal vision and scanning patterins to visuospatial function | Laudate et al., 2013 | Excluded | No naturalistic task |
| Validation of mobile eye tracking as novel and efficient means for differentiating progressive supranuclear palsy from Parkinson's disease | Marx et al., 2012 | Excluded | Walking paper |
| Visual sampling during walking in people with Parkinson's disease and the influence of environment and dual-task. | Galna et al., 2012 | Excluded | Walking paper |
| Eye movement impairments in Parkinson's disease: possible role of extradopaminergic mechanisms | Pinkhardt et al., 2012 | Excluded | No naturalistic task |
| Directional asymmetries of saccadic hypometria in patients with early Parkinson's disease and unilateral symptoms | Choi et al., 2011 | Excluded | No naturalistic task |
| Emotion and ocular responses in Parkinson's disease | Dietz et al., 2011 | Included |  |
| Drug treatment and familiar music aides an attention shift fron vision to somatosensation in Parkinson's disease on the reach-to-eat task | Sacrey et al., 2011 | Included |  |
| Visual exploration of emotional facial expressions in Parkinson's disease. | Clark et al., 2010 | Included |  |
| Multiple step pattern as a biomarker in Parkinson's disease | Blekher et al., 2009 | Excluded | No naturalistic task |
| Eye tracking during a visual paired comparisons task as a predictor of early dementia | Crutcher et al., 2009 | Included |  |
| Behaviour in Parkinson's disease as related to self-efficacy and outcome expectancy | Takahashi et al., 2008 | Excluded | No naturalistic task |
| Facial emotion recognition in Parkinson's disease | Clark et al., 2008 | Excluded | No naturalistic task |
| Quantitative analysis of pursuit ocular movements in Parkinson's disease by using a video-based eye tracking system. | Marino et al., 2007 | Excluded | No naturalistic task |
| Levodopa-induced ocular dyskinesia in Parkinson's disease | Grotzsch et al., 2007 | Excluded | No naturalistic task |
| Abnormal gaze strategies during problem solving in Parkinson's disease | Hodgson et al., 2002 | Excluded | No naturalistic task |
| Improvement of memory guided saccades in Parkinsonian patients by high freqeuncy subthalami nucleus stimulation. | Rivaud-Pechoux et al., 2000 | Excluded | No naturalistic task |
| Predictive responses in Parkinson's disease: Mannual keypresses and saccadic eye movements to regular stimulus events. | Crawford et al., 1989 | Excluded | No naturalistic task |
| The psychological test pattern in progressive supranuclear palsy | Kinura et al., 1981 | Excluded | No naturalistic task |
| Theory of mind, empathy and eye gaze strategies during an artwork observation in neurodegenerative pathologies | Polet et al., 2021 | Excluded | Duplicate |
| Inability to suppress head rotation during the saccade test as a clinical biomarker for cognitive dysfunction in Parkinson's disease | Shin et al., 2023 | Excluded | No naturalistic task |
| A protocol to examine vision and gait in Parkinson's disease: impact of cognition and response to visual cues | Stuart et al., 2015 | Excluded | Walking paper |
| Detection of Oculomotor Dysmetria from mobile phone video of the horizontal saccades task using signal processing and machine learning | Azami et al., 2022 | Excluded | No naturalistic task |
| Visual cues promote head first strategies during walking turns in individuals with Parkinson's disease | Baket et al., 2020 | Excluded | Walking paper |
| Classification and staginf of Parkinson's disease using video based eye tracking | Brien et al., 2023 | Excluded | No naturalistic task |
| Loss of torsional quick eye movements during head roll in progressive supranuclear palsy: a new diagnostic marker | Ling et al., 2023 | Excluded | No naturalistic task |
| Eye movements in Parkinson's disease during visual search | Beylergil et al., 2022 | Included |  |
| Video-oculographic biomarkers for evaluating vertical ocular dysfunction in progressive supranuclear palsy | Quattrone et al., 2022 | Excluded | No naturalistic task |
| Eye tracking identified biomarkers in alpha-synucleinopathies versus progressive supranuclear palsy | Habibi et al., 2022 | Included |  |
| Ocular features of patients with Parkinson's disease examined at a Neuro-optometry clinic in a tertiary eye care centre | Kwan et al., 2022 | Excluded | No naturalistic task |
| Temporal patterns of spontaneous fixational eye movements: the influence of basal ganglia | Beylergil et al., 2022 | Excluded | No naturalistic task |
| Does visuospatial motion perception correlate with coexisting movemment disorders in Parkinson's disease? | Beylergil et al., 2022 | Excluded | No naturalistic task |
| Can a targeted home-based exercise programme improve turning characteristics in individuals with Parkinson's disease? | khobkhun et al., 2021 | Excluded | No control group |
| Eye movement especially vertical oculomotor impairment as an aide to assess Parkinson's disease | Zhang et al., 2021 | Excluded | No naturalistic task |
| Accurate detection fo cerebellar smooth pursuit eye movement abnormalities via mobile phone video and machine learning | Chang et al., 2020 | Excluded | No naturalistic task |
| Enhanced obstacle contrast to promotoe visual scanning in fallers with Parkinson's disease: a role of executive function | Alcock et al., 2020 | Excluded | Walking paper |
| Patterns of eye movement impairment correlate with regional brian atrophy in neurodegenerative Parkinsonism | Vintonyak et al., 2017 | Excluded | No naturalistic task |
| iTrack: instrumented mobile electrooculography (EOG) eye tracking in older adults and Parkinson's disease | Stuart et al., 2017 | Excluded | Walking paper |
| New insights into facial emotional recognition in Parkinson's disease with and without mild cognitive impairment from visual scanning patterns | Waldthaler et al., 2019 | Included |  |
| Oculomotor Performances are associated with motor and non-motor symptoms in Parkinson's disease | Zhang et al., 2018 | Included |  |
| Visual contrast sensitivity in early stage Parkinson's disease | Ming et al., 2016 | Excluded | No naturalistic task |
| Accuracy and re-test reliability of mobile eye-tracking in Parkinson's disease and older adults | Stuart et al., 2016 | Excluded | Walking paper |
| Changes in postural control in patinets with Parkinson's disease: a posturographic study | Dona et al., 2016 | Excluded | Walking paper |
| Basal ganglia neuronal activity during scanning eye movements in Parkinson's disease | Sieger et al., 2013 | Excluded | No control group |
| An eldery woman with difficulty reading and abnormal eye movements | Desestret et al., 2013 | Excluded | No naturalistic task |
| Chiropractic management of an 81 year old man with Parkinson disease signs and symptoms | Bova et al., 2014 | Excluded | No naturalistic task |
| Changes to saccade behaviours in Parkinson's disease following dancing and obsevation of dancing | Cameron et al., 2013 | Excluded | No naturalistic task |
| Effect of subthalamic deep brain stimulation on turning kinematics and related saccadic eye movements in Parkinson's disease | Lohnes et al., 2012 | Excluded | No control group |
| Diagnositc potential of saccadometry in progressive supranuclear palsy | Antoniades et al., 2007 | Excluded | No naturalistic task |
| Visual symptoms in Parkinson's disease and Parkinson's disease dementia | Archibald et al., 2011 | Excluded | No naturalistic task |
| Vestibular impairment and adaptive postural imbalance in parkinsonian patients with lateral trunk flexion | Vitale et al., 2011 | Excluded | No naturalistic task |
| Comparison of smooth pursuit eye movement deficits in multiple systems atrophy and Parkinson's disease | Pinkhardt et al., 2009 | Excluded | No naturalistic task |
| Predictive ocular motor control in Parkinson's disease | Ying et al., 2008 | Excluded | No naturalistic task |
| The ratio of square wave jerk rates to blink rates distinguishes progressive supranuclear palsy from Parkinson'd disease | Altiparmak et al., 2006 | Excluded | No naturalistic task |
| Visual-oculomotor and vestibular-oculomotor abnormalities in Parkinson's disease | Kazmierczak et al., 2006 | Excluded | Not in English |
| Parkinson's disease with camtocormia | Bloch et al., 2006 | Excluded | No naturalistic task |
| Bradykinetic utterances and monopitch speech in patients with Parkinson's disease | Kawada et al., 2004 | Excluded | Fulltext not accessible |
| A functional model of some Parkinson's disease symptoms using a guided propagation network | Toffano-Nioche et al., 1998 | Excluded | No naturalistic task |
| A tachometer feedback model of smooth pursuit eye movements | Ringach et al., 1995 | Excluded | No naturalistic task |
| Abnormalities of nonvisually guided eye movements in Parkinson's disease | Crawford et al., 1989 | Excluded | No naturalistic task |
| Head-impulse tests aid in differentiation of multiple system atrophy from Parkinson's disease | Kim et al., 2022 | Excluded | No naturalistic task |
| A multimodal Parkinson quantification by fusing eye and gait motion patterns, using covariance descriptors, from non-invasive computer vision | Archila et al., 2022 | Excluded | No naturalistic task |
| Baseline wander removal applied to smooth pursuit eye movements from parkinsonian patients | Bejani et al., 2023 | Excluded | No naturalistic task |
| Eye tracking identifies biomarkers in a-synucleinopathies versus progressive supranuclear palsy | Habibi et al., 2022 | Excluded | Duplicate |
| Istradefylline Improves impaired smooth pursuit eye movements in Parkinson's disease | Fujita et al., 2023 | Excluded | No naturalistic task |
| Empirical evidence of the effects of Parkinson's disease and rapid eye movement sleep behaviour disorder on reading and speech ability | Yan et al., 2023 | Excluded | No naturalistic task |
| Regional metabolic changes influencing three-dimensional perception in Parkinson's disease | Park et al., 2022 | Excluded | No naturalistic task |
| An expert system to detect and classify CNS disorders based on eye test data using SVM and nature inspired algorithms | Samarasinghe et al., 2023 | Excluded | No naturalistic task |
| IAOI: An eye movement based deep learning model to identify areas of interest | Akshay et al., 2023 | Excluded | No naturalistic task |
| iSTIMULI: Perscriptive stimulus design for eye movement analysis of patients with Parkinson's disease | Akshay et al., 2023 | Excluded | No naturalistic task |
| Facial muscle movements in patients with Parkinson's disease undergoing phonation tests | Xu et al., 2022 | Excluded | No naturalistic task |
| Response times for reflexive saccades correlate with cognition in parkinson's disease, not disease severity or duration | Yu et al., 2022 | Excluded | No naturalistic task |
| Saccade, pupil and blink response in rapid eye movement sleep behaviour disorder | Perkins et al., 2021 | Excluded | No naturalistic task |
| Studying facial activity in Parkinson's disease patients using an automated method of video recording | Moshkova et al., 2021 | Excluded | No naturalistic task |
| Freezing of saccades in dopa-response parkinsonian syndrome | Likitgorn et al., 2021 | Excluded | No naturalistic task |
| Eye movements and association with regional brain atrophy in clinical subtypes of progressive supranuclear palsy | Choi et al., 2021 | Excluded | No naturalistic task |
| Antisaccade, a predictive marker for freeing of gait in Parkinson's disease and gait/gaze network connectivity | Gallea et al., 2021 | Excluded | No naturalistic task |
| An oculomotor digital parkinson biomarker for deep riemannian representation | Olmos et al., 2022 | Excluded | No naturalistic task |
| A convolutional oculomotor representation to model parkinsonian fixational patterns of magnified videos | Salazar et al., 2021 | Excluded | No naturalistic task |
| Development of a virtual reality assessment of visuospatial function and oculomotor control | Adlakha et al., 2021 | Excluded | No naturalistic task |
| Author correction: eye movement characteristics reflected fatigue development in both young and eldery individuals | Zargari Marandi et al., 2020 | Excluded | No naturalistic task |
| Eye corners tracking for head movement estimation | Larrazabal et al., 2019 | Excluded | No naturalistic task |
| Multiscale flucuation-based dispersion entropy and its applications to neurological diseases | Azami et al., 2019 | Excluded | No naturalistic task |
| High frequency optical solution for human motion tracking and eye tracking | Chertopolokhov et al., 2020 | Excluded | No naturalistic task |
| Parkinsoniam ocular fixation patterns from magnified videos and CNN features | Salazar et al., 2019 | Excluded | No naturalistic task |
| Dopamine promotes instrumental motivation, but reduced reward related vigour | Grogan et al., 2020 | Excluded | No naturalistic task |
| Effect of subthalamic nucleus deep brain stimulation on visual scanning | Tokushige et al., 2018 | Excluded | No control group |
| Regional microstructural damage and patterns of eye movement impairment: a DTI and video-oculography study in neurodegenerative parkinsonian syndromes | Gorges et al., 2017 | Excluded | No naturalistic task |
| Do you see what I see? Mobile eye tracker contextual analysis and inter-rater reliability | Stuart et al., 2018 | Excluded | Walking paper |
| Eye movements during reading in Parkinson's disease: A pilot study | Waldthaler et al., 2018 | Included |  |
| Webcam-based system for video-oculography | Naruniec et al., 2017 | Excluded | No naturalistic task |
| Clinical analysis of ocular symptoms of patients with early and middle stage Parkinson's disease | Ying et al., 2015 | Excluded | Not in English |
| Reward pays the cost of noise reduction in motor and cognitive control. | Manohar et al., 2015 | Excluded | No naturalistic task |
| Parametric and nonparametric analysis of eye tracking data by anomaly detection | Jansson et al., 2015 | Excluded | No naturalistic task |
| Machine learning on the video basis of slow pursuit eye movements can predict symptom development in parkinson's disease | Przybyszewski et al., 2015 | Excluded | No naturalistic task |
| Freezing of gait is associated with increased saccade latency and variability in Parkinson's disease | Nemanich et al., 2016 | Excluded | No naturalistic task |
| High-throughput classification of clinical populations from natural viewing eye movements | Tseng et al., 2013 | Included (paper) |  |
| Ocular tremor in Parkinson's disease is due to head oscillation | Kaski et al., 2013 | Excluded | No naturalistic task |
| Basal ganglia sysfunction reduces saccade amplitude during visual scanning in Parkinson's disease | Matsumoto et al., 2012 | Excluded | No naturalistic task |
| Characterising the eye trajectory during the gait towards parkinson stage identification | Trujillo et al., 2015 | Excluded | No naturalistic task |
| Eye movements in ephedrome-induced parkinsonism | Bonnet et al., 2014 | Excluded | No naturalistic task |
| staircase' square-wave jerks in early Parkinson's disease | Shaikh et al., 2011 | Excluded | No naturalistic task |
| Differential diagnostic value of eye movement recording in PSP-parkinsonism, Richardson's syndrome, and idoppathic Parkinson's disease | Pinkhardt et al., 2008 | Excluded | No naturalistic task |
| PSP as distinguished from CBD, MSA-P and PD by clinical and imaging differences at an early stage | Kurata et al., 2011 | Excluded | No naturalistic task |
| Relationship between predictable ocular motor control and cognitive function in Parkinson's disease | Ying et al., 2009 | Excluded | Not in English |
| Abnormal gaze strategies during problem solving in Parkinson's disease | Hodgson et al., 2002 (duplicate) | Excluded | No naturalistic task |
| Vestibular, cervical and visual remembered saccades in parkinson's disease | Nakamura et al., 1994 | Excluded | No naturalistic task |
| Computer stimulation of oculomotor control in extrapyramidal disorders | Bour et al., 1991 | Excluded | No naturalistic task |
| Gain and peak velocity of saccades in parkinson's disease and parkinsonism: a comparison between experiment and computer simulation | Bour et al., 1994 | Excluded | No naturalistic task |
| The perception of head rotation in parkinson's disease | Nakamura et al., 1995 | Excluded | No naturalistic task |
| Characteristics of remembered saccades in parkinson's disease | Duysens et all., 1994 | Excluded | No naturalistic task |
| Eye movement patterns and perceptual biases in face processing: the effects of aging | Williams et al., 2011 | Excluded | No PD group |
| Quantifying saccades while walking: validity of a novel velocity based algorithm for mobile eye tracking | Stuart et al., 2014 | Excluded | Walking paper |
| Measuring emotion recognition by people with Parkinson's disease using eye tracking with dynamic facial expressions | Bek et al., 2020 | Included |  |
| Emulation of physician tasks in eye tracked virtual reality for remote diagnosis of neurodegenerative disease | Orlosky et al., 2017 | Excluded | No naturalistic task |
| Small saccades restrict visual scanning area in Parkinson's disease | Matsumoto et al., 2011 | Included |  |
| Aging and reading: effects of word predictability and stimulus degeneration | Mitzner et al., 2002 | Excluded | No PD group |
| Visual attention in naturalistic scenes across lifespan | Nicholls et al., 2021 | Excluded | No PD group |
| Designing for quality in real-world mobile crowdsourcing systems | Othman et al., 2021 | Excluded | No PD group |
| developing a new method to assess central vision using visual stimuli with natural scene statistics | Srinivasan et al., 2021 | Excluded | Not original study |
| Where do Parkinson's disease patients look while walking? | Vanegas-Arroyave et al., 2022 | Excluded | Walking paper |
| Children's gaze behaviour at real-world and simulated road crossings | Egan et al., 2012 | Excluded | No PD group |
| Vergence stress significantly affects reading rates | Powers et al., 2010 | Excluded | Not original study |
| Reading alternations in parkinson's disease indicate worse cognitive status | Tsitsi et al., 2023 | Included |  |
| Holonomic multi-ball locomotion and adaptive gaze assisted control for mobile remote presence systems | Gebre et al., 2018 | Excluded | Not original study |
| Effect of Parkinson's disease on eye movements during reading | Wetzel et al., 2011 | Excluded | Not original study |
| Wilkins reading rates in early and imtermedicate AMD compared to age matched normal patients | Ridder et al., 2017 | Excluded | Not original study |
| How deep brain stimulation affects saccades in visual scanning in Parkinson's disease patients | Tokushige et al., 2017 | Excluded | Not original study |
| Fast-paced videogame training improves balances under dynamic visual conditions in older adults | Cheong et al., 2018 | Excluded | Not original study |
| Gaze and body kinematics of healthy young adults walking and avoiding pedestrians in a virtual community environment | Bhojwani et al., 2022 | Excluded | No PD group |
| The role of the basal ganglia during free-viewing natural time-varying images | Dong et al., 2004 | Excluded | Not original study |
| Detecting vision loss in glaucoma using eye movement scanpaths recorded during free viewing of movies- a proof of principle study | Smith et al., 2014 | Excluded | Not original study |
| Reading in Parkinson's disease | Gottlob et al., 2004 | Excluded | Not original study |
| Visual disability and reading difficulty in patients with parkinson's disease | Yu et al., 2017 | Excluded | Not original study |
| Effect of parkinson's disease and deep brain stimulation on eye and head movements during reading | Wetzel et al., 2002 | Excluded | Not original study |
| Relationship between eye movements during natural reading and basic oculomotor tasks in PD | Waldthaler et al., 2019 | Excluded | Fulltext not accessible |
| Method for treating Parkinsons disease in e.g. children by e.g. reading teacher in school, involves administering treatment for Parkinson's disease to person if result is abnormal | Devick et al., | Excluded | Fulltext not accessible |
| Table\_1\_ natural reading in Parkinsons disease with and without mild cognitive impairment | Stock et al., 2020 | Excluded | Not original study |
| Abnormal eye movement behaviour during reading in parkinson's disease | Yu et al., 2016 | Included |  |
| Visual sampling during walking in people with Parkinson's disease and the influence of environment and dual-task. | Galna et al., 2012 | Excluded | Walking paper |
| Data\_sheet\_1 visual cues promote head first strategies during walking turns in individuals with parkinsons disease | Baket et al., 2020 | Excluded | Not original study |
| Abnormal eye movement behaviour during reading in parkinson's disease | Yu et al., 2016 | Excluded | Duplicate |
| Clinical availability of eye movement during reading | Watanabe et al., 2023 | Included |  |
| Evaluation of central and peripheral vestibular patients with the video head impulse test | Luis et al., 2015 | Excluded | No naturalistic task |
| Ocular motor abnormalities during saccadic reading in different neuro-opthalmic disease | Oh et al., 2018 | Excluded | Not original study |
| Multi-view classification of psychiatric conditions based on saccades | Santana et al., 2015 | Excluded | No naturalistic task |
| "staircase" saccadic intrusions in early Parkinson's disease | Shaikh et al., 2009 | Excluded | Not original study |
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| Reasons for full-text exclusion: The first reason for each excluded paper from full-text screening is included |  |  |  |