Resource Summary Report

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Psykinematix

RRID:SCR_014830
Type: Tool

Proper Citation

Psykinematix (RRID:SCR_014830)

Resource Information

URL: http://psykinematix.com/

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Description: Standalone solution dedicated to Visual Psychophysics running on Mac OS X. Psykinematix runs standard psychophysical protocols, presents complex stimuli, collects subject's responses, and analyzes results on the fly. It consists of a unique OpenGL-based software package that does not require any programming skill to create and run complex experiments.

Resource Type: data acquisition software, data analysis software, data processing software, software application, software resource, standalone software

Keywords: psychophysics, visual psychophysics, standalone, mac, data analysis, data acquisition, experiment

Availability: Demo is available, Available for download, License required

Resource Name: Psykinematix

Resource ID: SCR_014830

Record Creation Time: 20220129T080322+0000

Record Last Update: 20260905T133006+0000

Ratings and Alerts

No rating or validation information has been found for Psykinematix.

No alerts have been found for Psykinematix.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Nightingale J, et al. (2025) The Constancy of Perceived Motion Under Different Spectral Conditions. Vision (Basel, Switzerland), 9(1).

Chen Y, et al. (2023) Internal neural states influence the short-term effect of monocular deprivation in human adults. eLife, 12.

Tsai LT, et al. (2023) Achromatic and chromatic contrast discrimination in patients with type 2 diabetes. Scientific reports, 13(1), 7420.

Champagne-Hamel M, et al. (2023) Screen Time at 6 Years Old and Visual Function in Early Adolescence. Vision (Basel, Switzerland), 7(4).

Arias DJ, et al. (2021) Synesthesia does not help to recover perceptual dominance following flash suppression. Scientific reports, 11(1), 7566.

Chen S, et al. (2021) Binocular visual deficits at mid to high spatial frequency in treated amblyopes. iScience, 24(7), 102727.

Qiu SX, et al. (2020) Binocular rivalry from luminance and contrast. Vision research, 175, 41.

Himmelberg MM, et al. (2019) Eccentricity-dependent temporal contrast tuning in human visual cortex measured with fMRI. NeuroImage, 184, 462.

Costa MF, et al. (2019) A power law study of the edge influence on the perceived filling-in brightness magnitude. Psicologia, reflexao e critica : revista semestral do Departamento de Psicologia da UFRGS, 32(1), 17.

Tsai LT, et al. (2019) Legibility Assessment of Visual Word Form Symbols for Visual Tests. Scientific reports, 9(1), 3338.

Shuffrey LC, et al. (2018) Visually Evoked Response Differences to Contrast and Motion in Children with Autism Spectrum Disorder. Brain sciences, 8(9).

Welbourne LE, et al. (2018) Population receptive field (pRF) measurements of chromatic responses in human visual cortex using fMRI. NeuroImage, 167, 84.

Harris LR, et al. (2017) Tactile Flow Overrides Other Cues To Self Motion. Scientific reports, 7(1), 1059.

Ding Z, et al. (2016) The effect of transcranial direct current stimulation on contrast sensitivity and visual evoked potential amplitude in adults with amblyopia. Scientific reports, 6, 19280.

Chakraborty A, et al. (2015) Global motion perception is independent from contrast sensitivity for coherent motion direction discrimination and visual acuity in 4.5-year-old children. Vision research, 115(Pt A), 83.

Witz N, et al. (2014) Similar mechanisms underlie the detection of horizontal and vertical disparity corrugations. PloS one, 9(1), e84846.

Zhou J, et al. (2013) A new form of rapid binocular plasticity in adult with amblyopia. Scientific reports, 3, 2638.

Farrell-Whelan M, et al. (2013) Differential processing: towards a unified model of direction and speed perception. Vision research, 92, 10.

Witz N, et al. (2013) Mechanisms underlying global stereopsis in fovea and periphery. Vision research, 87, 10.

Farrell-Whelan M, et al. (2012) Challenging the distribution shift: statically-induced direction illusion implicates differential processing of object-relative and non-object-relative motion. Vision research, 58, 10.