Resource Summary Report

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Vision Egg

RRID:SCR_014589
Type: Tool

Proper Citation

Vision Egg (RRID:SCR_014589)

Resource Information

URL: http://visionegg.org/

Proper Citation: Vision Egg (RRID:SCR_014589)

Description: A programming library that uses standard graphics cards to produce 2D and 3D visual stimuli for vision research experiments.

Resource Type: software resource, software library, software toolkit

Keywords: standard graphic, visual stimuli, vision research, software

Funding:

Availability: Open Source, Free, Source code is hosted on GitHub

Resource Name: Vision Egg

Resource ID: SCR_014589

License: GNU Lesser General Public License

Record Creation Time: 20220129T080321+0000

Record Last Update: 20250513T061544+0000

Ratings and Alerts

No rating or validation information has been found for Vision Egg.

No alerts have been found for Vision Egg.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Skouras S, et al. (2019) The effects of psychiatric history and age on self-regulation of the default mode network. NeuroImage, 198, 150.

Howard CJ, et al. (2017) Sustained attention to objects' motion sharpens position representations: Attention to changing position and attention to motion are distinct. Vision research, 135, 43.

Rutiku R, et al. (2016) Visual masking with frontally applied pre-stimulus TMS and its subject-specific neural correlates. Brain research, 1642, 136.

Filosa A, et al. (2016) Feeding State Modulates Behavioral Choice and Processing of Prey Stimuli in the Zebrafish Tectum. Neuron, 90(3), 596.

Renninger SL, et al. (2013) Two-photon imaging of neural population activity in zebrafish. Methods (San Diego, Calif.), 62(3), 255.

Reed BT, et al. (2013) Differential modulation of retinal ganglion cell light responses by orthosteric and allosteric metabotropic glutamate receptor 8 compounds. Neuropharmacology, 67, 88.

Howard CJ, et al. (2011) Position representations lag behind targets in multiple object tracking. Vision research, 51(17), 1907.

Nordström K, et al. (2009) The motion after-effect: local and global contributions to contrast sensitivity. Proceedings. Biological sciences, 276(1662), 1545.

Sprayberry JD, et al. (2009) Responses of descending visually-sensitive neurons in the hawkmoth, Manduca sexta, to three-dimensional flower-like stimuli. Journal of insect science (Online), 9, 7.

Wiederman SD, et al. (2008) A model for the detection of moving targets in visual clutter inspired by insect physiology. PloS one, 3(7), e2784.

Nordström K, et al. (2008) Sexual dimorphism in the hoverfly motion vision pathway. Current biology : CB, 18(9), 661.

Barnett PD, et al. (2007) Retinotopic organization of small-field-target-detecting neurons in the insect visual system. Current biology : CB, 17(7), 569.

Peirce JW, et al. (2007) PsychoPy--Psychophysics software in Python. Journal of neuroscience methods, 162(1-2), 8.

Ben-Shachar M, et al. (2007) Contrast responsivity in MT+ correlates with phonological awareness and reading measures in children. NeuroImage, 37(4), 1396.

Nordström K, et al. (2006) Insect detection of small targets moving in visual clutter. PLoS biology, 4(3), e54.

Fry SN, et al. (2004) Context-dependent stimulus presentation to freely moving animals in 3D. Journal of neuroscience methods, 135(1-2), 149.