

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 library, software resource, software toolkit

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

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: 20260829T182459+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 [NIF](#) .

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.