

Resource Summary Report

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IGOR Pro

RRID:SCR_000325

Type: Tool

Proper Citation

IGOR Pro (RRID:SCR_000325)

Resource Information

URL: <http://www.wavemetrics.com/products/igorpro/igorpro.htm>

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Description: Software used for visualizing and graphing data, image processing, and programming. It is designed for use by scientists and engineers and supports large data sets, evenly spaced data, and various data import formats. The software includes a suite of image processing operations for image filtering, manipulation, and quantification and is completely programmable.

Synonyms: Igor Pro - Technical graphing and data analysis, Igor Software

Resource Type: data analysis software, data processing software, software application, authoring tool, data visualization software, software resource

Keywords: commercial tool, electrophysiology, authoring tool, data visualization software, image processing, publication quality, interactive

Availability: Restricted

Resource Name: IGOR Pro

Resource ID: SCR_000325

Alternate IDs: nlx_156887, SCR_014216

Record Creation Time: 20220129T080200+0000

Record Last Update: 20260814T042609+0000

Ratings and Alerts

No rating or validation information has been found for IGOR Pro.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 680 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Huang Z, et al. (2026) Single-dose psilocybin promotes cell-type-specific changes of neurons in the orbitofrontal cortex. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 23(1), e00841.

Livrizzi G, et al. (2026) Top-down control of the descending pain modulatory system drives multimodal placebo analgesia. *Neuron*.

Casas M, et al. (2026) Bilateral equalization of synaptic output in olfactory glomeruli of *Xenopus* tadpoles. *eLife*, 14.

Chaudhari K, et al. (2026) Temporally segregated functions for Gfi1 in the development and maintenance of direction selectivity in the vertebrate retina. *Current biology : CB*, 36(15), 3877.

Wang C, et al. (2026) Synaptic input variation enhances rate coding at the expense of temporal precision in cochlear nucleus neurons. *PLoS biology*, 24(1), e3003587.

Choi SJ, et al. (2026) α -Synuclein expression is required for somatodendritic dopamine release and immediate early gene induction. *Science advances*, 12(5), eady6978.

Cordeiro S, et al. (2026) Natural xanthenes as α -Mangostin induce vasorelaxation involving key gating residues in the S6 domain of BK channels. *eLife*, 14.

Sinha AK, et al. (2026) Elucidating the Role of Muscarinic Acetylcholine Receptor Signalling in Efferent-Mediated Responses of Mammalian Vestibular Afferents. *The European journal of neuroscience*, 63(10), e70540.

Inoshita T, et al. (2026) Increased reluctant vesicles underlie synaptic depression by GPR55 in axon terminals of rat cerebellar Purkinje cells. *eLife*, 14.

Liu XP, et al. (2026) Morphoelectric Diversity and Specialization of Neuronal Cell Types in the Primate Striatum. *bioRxiv : the preprint server for biology*.

Al-Yaari M, et al. (2026) Presynaptic CaV2.1 calcium dependent facilitation is essential for faithful auditory information transfer. *bioRxiv : the preprint server for biology*.

Savvateev I, et al. (2026) Multipair phase-modulated temporal interference electrical stimulation combined with fMRI. *Cell systems*, 17(7), 101610.

Fisher E, et al. (2026) ASCL1 promotes nuclear shrinkage in transdifferentiation by suppressing NUP37. *Stem cell reports*, 21(3), 102823.

Gibbons GM, et al. (2026) A human corticospinal organoid-slice connectoid model informs enhancer strategies for post-injury axon regrowth. *Cell reports*, 45(6), 117399.

deRosenroll G, et al. (2026) Uncovering the "hidden" synaptic microarchitecture of the retinal direction selective circuit. *Cell reports*, 45(2), 116833.

Nakamoto JA, et al. (2026) Structural and functional diversity of toxin-antitoxin-chaperone systems. *Cell reports*, 45(3), 117024.

Inglebert Y, et al. (2026) The calcium-binding protein S100 β regulates synaptic plasticity in the visual cortex. *iScience*, 29(5), 115793.

Li J, et al. (2025) Dynamic redistribution of AMPA receptors toward memory-related neuronal ensembles in mice barrel cortex during sensory learning. *Neuron*.

Garcia JD, et al. (2025) Differential roles of NaV1.2 and NaV1.6 in neocortical pyramidal cell excitability. *eLife*, 14.

Tian J, et al. (2025) Gpr176 modulates the firing pattern of parvalbumin-positive interneurons in the orbitofrontal cortex of mouse. *Molecular brain*, 18(1), 81.