

Resource Summary Report

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IPython Notebook

RRID:SCR_013984

Type: Tool

Proper Citation

IPython Notebook (RRID:SCR_013984)

Resource Information

URL: <http://ipython.org/notebook.html>

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Description: A web application and interactive computational environment where users can combine code execution, rich text, mathematics, plots, and rich media. IPython Notebook consists of two parts, the web application and plain texts. The IPython Notebook web application is used for interactive authoring of literate computations, in which explanatory text, mathematics, computations, and rich media output may be combined. Input and output are stored in persistent cells that may be edited in-place. The plain text documents, called notebooks, record and distribute the results of the rich computations. Saved files in the notebook can be put under version control and shared with colleagues.

Resource Type: software resource, web application

Keywords: web application, computational environment, interactive, Python, code

Funding: Microsoft ;
Alfred P. Sloan Foundation ;
Rackspace

Availability: Free, Public

Resource Name: IPython Notebook

Resource ID: SCR_013984

Record Creation Time: 20220129T080318+0000

Record Last Update: 20260731T042902+0000

Ratings and Alerts

No rating or validation information has been found for IPython Notebook.

No alerts have been found for IPython Notebook.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Lopez-Anido CB, et al. (2021) Single-cell resolution of lineage trajectories in the Arabidopsis stomatal lineage and developing leaf. *Developmental cell*, 56(7), 1043.

Sehara K, et al. (2021) Real-Time Closed-Loop Feedback in Behavioral Time Scales Using DeepLabCut. *eNeuro*, 8(2).

Couvreur TLP, et al. (2021) Tectonics, climate and the diversification of the tropical African terrestrial flora and fauna. *Biological reviews of the Cambridge Philosophical Society*, 96(1), 16.

Lantos L, et al. (2021) Volume guarantee ventilation in neonates treated with hypothermia for hypoxic-ischemic encephalopathy during interhospital transport. *Journal of perinatology : official journal of the California Perinatal Association*, 41(3), 528.

Bauwens E, et al. (2018) In silico proteomic and phylogenetic analysis of the outer membrane protein repertoire of gastric *Helicobacter* species. *Scientific reports*, 8(1), 15453.

Sales-Carbonell C, et al. (2018) No Discrete Start/Stop Signals in the Dorsal Striatum of Mice Performing a Learned Action. *Current biology : CB*, 28(19), 3044.

Maclaren OJ, et al. (2017) A hierarchical Bayesian model for understanding the spatiotemporal dynamics of the intestinal epithelium. *PLoS computational biology*, 13(7), e1005688.

Samoylova L, et al. (2016) WavePropaGator: interactive framework for X-ray free-electron laser optics design and simulations. *Journal of applied crystallography*, 49(Pt 4), 1347.