Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 18, 2025

<u>QuPath</u>

RRID:SCR_018257 Type: Tool

Proper Citation

QuPath (RRID:SCR_018257)

Resource Information

URL: https://qupath.github.io/

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Description: Open Source software package for digital pathology image analysis. Used for whole slide image analysis and digital pathology. Provides researchers with batch processing and scripting functionality, and extensible platform with which to develop and share new algorithms to analyze complex tissue images.

Resource Type: data processing software, image analysis software, software resource, software application

Defining Citation: PMID:29203879

Keywords: Digital pathology, image analysis, whole slide image, batch processing, tissue image, bio.tools

Funding: Invest Northern Ireland ; Experimental Cancer Medicine Centre Network ; Sean Crummey Memorial Fund ; Tom Simms Memorial Fund ; Friends of the Cancer Centre ; Cancer Research UK Accelerator

Availability: Free, Available for download, Freely available

Resource Name: QuPath

Resource ID: SCR_018257

Alternate IDs: biotools:qupath

Alternate URLs: https://bio.tools/qupath

License: GPLv3

Record Creation Time: 20220129T080339+0000

Record Last Update: 20250417T065628+0000

Ratings and Alerts

No rating or validation information has been found for QuPath.

No alerts have been found for QuPath.

Data and Source Information

Source: <u>SciCrunch Registry</u>

Usage and Citation Metrics

We found 1060 mentions in open access literature.

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

Gurr C, et al. (2025) Proof of concept that melanoma nuclear count compares favourably with the benchmark histological prognostic feature, Breslow thickness. Histopathology, 86(2), 226.

Khodadust F, et al. (2025) Unveiling the Anti-Angiogenic Potential of Small-Molecule (Kinase) Inhibitors for Application in Rheumatoid Arthritis. Cells, 14(2).

Das S, et al. (2025) Liver X receptor unlinks intestinal regeneration and tumorigenesis. Nature, 637(8048), 1198.

Tsubaki T, et al. (2025) Aging and cell expansion enhance microRNA diversity in small extracellular vesicles produced from human adipose-derived stem cells. Cytotechnology, 77(1), 15.

Tadokoro H, et al. (2025) A mouse model of deep vein thrombosis by inferior vena cava hypoperfusion using ameroid constrictors. Scientific reports, 15(1), 928.

Brezak M, et al. (2025) Defective Mammary Epithelial Outgrowth in Transgenic EKAREV-NLS Mice: Correction via Estrogen Supplementation and Genetic Background Modification. Journal of mammary gland biology and neoplasia, 30(1), 1.

Tozzi M, et al. (2025) E. Coli cytotoxic necrotizing factor-1 promotes colorectal carcinogenesis by causing oxidative stress, DNA damage and intestinal permeability alteration. Journal of experimental & clinical cancer research : CR, 44(1), 29.

Sridhar A, et al. (2025) Tofacitinib and budesonide treatment affect stemness and chemokine release in IBD patient-derived colonoids. Scientific reports, 15(1), 3753.

Paul ED, et al. (2025) The spatially informed mFISHseq assay resolves biomarker discordance and predicts treatment response in breast cancer. Nature communications, 16(1), 226.

Jo H, et al. (2025) A fetal oncogene NUAK2 is an emerging therapeutic target in glioblastoma. bioRxiv : the preprint server for biology.

Oyon D, et al. (2025) Targeting of the G9a, DNMT1 and UHRF1 epigenetic complex as an effective strategy against pancreatic ductal adenocarcinoma. Journal of experimental & clinical cancer research : CR, 44(1), 13.

Gupta K, et al. (2025) Biliary atresia susceptibility gene EFEMP1 regulates extrahepatic bile duct elastic fiber formation and mechanics. JHEP reports : innovation in hepatology, 7(1), 101215.

Li Z, et al. (2025) Peptide-drug conjugates repolarize glioblastoma-associated macrophages to resensitize chemo-immunotherapy of glioblastoma. Science advances, 11(3), eadr8841.

Morrison LE, et al. (2025) Concurrent Viewing of H&E and Multiplex Immunohistochemistry in Clinical Specimens. Diagnostics (Basel, Switzerland), 15(2).

Humphries JE, et al. (2025) Amphibian cellular immune response to chytridiomycosis at metamorphic climax. Immunologic research, 73(1), 44.

Borge H, et al. (2025) Increased expression of CXCL10 and CCL3 salivary gland chemokines in primary Sjögren's syndrome detected and systematically quantified using RNAscope®in situ hybridization. Clinical and experimental immunology, 219(1).

Khasawneh AI, et al. (2025) Resolution of oncogene-induced senescence markers in HPVinfected cervical cancer tissue. BMC cancer, 25(1), 111.

Adeleke RA, et al. (2025) Replication-incompetent VSV-based vaccine elicits protective responses against SARS-CoV-2 and influenza virus. Science advances, 11(5), eadq4545.

Beiter RM, et al. (2025) Clusterin induced by OPC phagocytosis blocks IL-9 secretion to inhibit myelination in a model of Alzheimer's disease. Heliyon, 11(1), e41635.

Jones EM, et al. (2025) Weekly Intraperitoneal Injection of Tamoxifen in an Inducible In Vivo

Model of Junctional Epidermolysis Bullosa Generates Early and Advanced Disease Phenotypes. JID innovations : skin science from molecules to population health, 5(2), 100331.