

Resource Summary Report

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Visual Statistics Group

RRID:SCR_008317

Type: Tool

Proper Citation

Visual Statistics Group (RRID:SCR_008317)

Resource Information

URL: <http://www.uv.es/vista/vistavalencia/>

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Description: The general goal is to achieve a deeper understanding of natural image statistics because from this knowledge it should be possible to explain the behavior of the visual cortex and propose new alternatives in a number of applications in image processing and computer vision in which the basic problem is the choice of an appropriate signal representation. The range of basic and applied topics in which we are currently working include: * Mathematical models of human vision * Statistical image models * Image distortion metrics * Image coding * Motion estimation * Video coding * Image restoration * Color representation

Synonyms: VISTA

Resource Type: data or information resource, portal, organization portal

Keywords: behavior, color, cortex, human, mathematical, natural, statistic, visual, image

Resource Name: Visual Statistics Group

Resource ID: SCR_008317

Alternate IDs: nif-0000-24683

Record Creation Time: 20220129T080246+0000

Record Last Update: 20260812T044143+0000

Ratings and Alerts

No rating or validation information has been found for Visual Statistics Group.

No alerts have been found for Visual Statistics Group.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 447 mentions in open access literature.

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

Hwang Y, et al. (2026) Large Hypertransmission Defects Exhibit Choriocapillaris Flow Speed Impairment in Nonexudative Age-Related Macular Degeneration. *Ophthalmology science*, 6(3), 101060.

Ko DK, et al. (2026) A tissue-resolved, network-based transcriptomic framework for abiotic stress responses in sorghum. *The Plant journal : for cell and molecular biology*, 126(1), e70834.

Liu T, et al. (2026) spRefine denoises and imputes spatial transcriptomic data with a reference-free framework powered by genomic language model. *Genome research*, 36(4), 754.

Suzuki M, et al. (2026) Visualization of peripheral nerves in developing and regenerating limbs using a novel peripherin reporter line of *Xenopus laevis*. *Biology open*, 15(6).

Koppolu P, et al. (2026) Comparative Effectiveness of Autogenous Connective Tissue Grafts and Xenogeneic Soft Tissue Substitutes for Multiple Gingival Recessions: A Systematic Review and Meta-Analysis. *Medicina (Kaunas, Lithuania)*, 62(2).

Williams A, et al. (2026) Not all vaginal microbiomes are equal: functional context shapes immune landscapes. *mBio*, 17(3), e0364525.

Wang J, et al. (2026) VISTA neutralization by immunization reprograms immunosuppression and augments vaccine efficacy in renal carcinoma. *Journal for immunotherapy of cancer*, 14(5).

Liu BB, et al. (2026) Multiomics and deep learning dissect regulatory syntax in human development. *Nature*, 653(8116), 1240.

Liang M, et al. (2026) IVCDB: a comprehensive database of iridoviruses for epidemiology, genetic evolution, and disease management. *Nucleic acids research*, 54(D1), D790.

Liu X, et al. (2026) Hyperglycemia drives Immune evasion in colorectal cancer through VISTA stabilization. *Cell communication and signaling : CCS*, 24(1), 88.

Smorodinsky-Atias K, et al. (2026) On the same side: VISTA and its ligands interact in cis on the cell surface. *Protein science : a publication of the Protein Society*, 35(1), e70415.

Giacobbi E, et al. (2026) Molecular Evaluation of RNA-Based Immune Checkpoint Profiling in Clear Cell Renal Cell Carcinoma. *Journal of clinical medicine*, 15(11).

Ko DK, et al. (2026) Protocol for applying a network-enabled gene discovery pipeline to non-model plant species. STAR protocols, 7(3), 104641.

Couch JL, et al. (2026) Knee Crepitus and Osteoarthritis Features in Young Adults Following Traumatic Knee Injury. Arthritis care & research, 78(3), 398.

Liu S, et al. (2026) VISTA promotes ovarian cancer progression through activation of NF- κ B pathway and tumor microenvironment reprogramming. Journal of ovarian research, 19(1).

Liu T, et al. (2026) VISTA uncovers missing gene expression and spatial-induced information for spatial transcriptomic data analysis. Communications biology, 9(1), 203.

Basnet D, et al. (2026) Leveraging a large language model to support expansion of surveillance activities to include cardiovascular implantable device infections in a large, integrated national healthcare system. Infection control and hospital epidemiology, 47(4), 1.

Sun W, et al. (2026) Impact of surgeon experience level on outcomes of three different root coverage procedures for RT1 gingival recession. Maxillofacial plastic and reconstructive surgery, 48(1).

Luo Y, et al. (2026) Immunosuppressive immune microenvironment landscapes in VISTA-high gastric cancer. British journal of cancer, 134(7), 1066.

Selvaraj KJ, et al. (2026) A randomised pilot trial of perioperative propranolol combined with celecoxib versus standard of care in stage III melanoma: The ProCel study protocol. PloS one, 21(1), e0339476.