

Resource Summary Report

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charm

RRID:SCR_012992

Type: Tool

Proper Citation

charm (RRID:SCR_012992)

Resource Information

URL: <http://www.bioconductor.org/packages/2.12/bioc/html/charm.html>

Proper Citation: charm (RRID:SCR_012992)

Description: Software package that implements analysis tools for DNA methylation data generated using Nimblegen microarrays and the McrBC protocol.

Abbreviations: charm

Resource Type: software resource

Keywords: bio.tools

Resource Name: charm

Resource ID: SCR_012992

Alternate IDs: biotools:charm, OMICS_00792

Alternate URLs: <https://bio.tools/charm>

Record Creation Time: 20220129T080313+0000

Record Last Update: 20260905T132730+0000

Ratings and Alerts

No rating or validation information has been found for charm.

No alerts have been found for charm.

Data and Source Information

Usage and Citation Metrics

We found 68 mentions in open access literature.

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

Hayek D, et al. (2026) Reliability of electric field simulations in different age groups: impact of data quality metrics. *Brain informatics*, 13(1).

Zhang BB, et al. (2026) How Standardized Is Transcranial Magnetic Stimulation Treatment for Depression? Large-Cohort Modeling Reveals Systematic Dosimetric Variability. *Psychotherapy and psychosomatics*, 1.

Weise K, et al. (2026) A new method for optimal placement of tumor treating fields electrodes. *Neuro-oncology advances*, 8(1), vdag148.

Krishnamurthy V, et al. (2026) Mechanisms associated with tDCS as an adjuvant to shortened phonomotor treatment in chronic post-stroke aphasia. *Neuroimage. Reports*, 6(3), 100370.

Weise K, et al. (2025) A leadfield-free optimization framework for transcranially applied electric currents. *Computers in biology and medicine*, 195, 110648.

Pennington KR, et al. (2025) Basal forebrain activation improves working memory in senescent monkeys. *Brain stimulation*, 18(2), 185.

Valcourt Caron A, et al. (2025) In vivo submillimeter diffusion MRI dataset of 9 macaque brains curated for tractography. *Scientific data*, 12(1), 1199.

Ruan J, et al. (2025) Connectional differences between humans and macaques in the MT+ complex. *iScience*, 28(1), 111617.

Schittkowski M, et al. (2025) Vision Restoration through transorbital electrical stimulation in Optic Neuropathy in patients with significant optic atrophy due to primary open-angle glaucoma-a randomised, controlled, double-blind, multicentre clinical trial: the VIRON study protocol. *BMJ open*, 15(2), e091705.

Yang M, et al. (2025) Race and Ethnicity in Heart Failure Trials: Time to Update Recommended Categories for Global Relevance. *Journal of the American Heart Association*, 14(12), e037810.

Khoury N, et al. (2025) Fc-engineered large molecules targeting blood-brain barrier transferrin receptor and CD98hc have distinct central nervous system and peripheral biodistribution. *Nature communications*, 16(1), 1822.

Porter CK, et al. (2024) Clinical and functional assessment of SARS-CoV-2 sequelae among young marines - a panel study. *Lancet regional health. Americas*, 39, 100909.

- Qin H, et al. (2024) Achieved dose and treatment discontinuation of candesartan in men and women with chronic heart failure: data from CHARM. *ESC heart failure*, 11(4), 1880.
- Chew C, et al. (2024) A young child formula supplemented with a synbiotic mixture of scGOS/lcFOS and Bifidobacterium breve M-16V improves the gut microbiota and iron status in healthy toddlers. *Frontiers in pediatrics*, 12, 1193027.
- Moyer MT, et al. (2024) Successful EUS-guided pancreatic cyst chemoablation safely allows reduction in the frequency of radiographic surveillance: long-term follow-up of randomized prospective data. *Gastrointestinal endoscopy*, 99(6), 962.
- Nashed JY, et al. (2024) Changes in cortical manifold structure following stroke and its relation to behavioral recovery in the male macaque. *Nature communications*, 15(1), 9005.
- Weise K, et al. (2024) A Leadfield-Free Optimization Framework for Transcranially Applied Electric Currents. *bioRxiv : the preprint server for biology*.
- Napoli O, et al. (2024) A benchmark for domain adaptation and generalization in smartphone-based human activity recognition. *Scientific data*, 11(1), 1192.
- Elorette C, et al. (2024) The neural basis of resting-state fMRI functional connectivity in fronto-limbic circuits revealed by chemogenetic manipulation. *Nature communications*, 15(1), 4669.
- Symanski E, et al. (2024) Assessing Metal Exposures Among Children Living in Environmental Justice Communities Near Metal Recycling Facilities in Houston, Texas. *Environmental justice (Print)*, 17(2), 128.