

Resource Summary Report

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[pracma](#)

RRID:SCR_026021

Type: Tool

Proper Citation

pracma (RRID:SCR_026021)

Resource Information

URL: <https://CRAN.R-project.org/package=pracma>

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Description: Software R package provides functions from numerical analysis and linear algebra, numerical optimization, differential equations, time series, plus some well-known special mathematical functions. Uses 'MATLAB' function names where appropriate to simplify porting.

Synonyms: Practical Numerical Math Functions, pracma: Practical Numerical Math Functions

Resource Type: software resource, software toolkit

Keywords: R, numerical analysis functions, linear algebra functions, numerical optimization, differential equations, time series,

Availability: Free, Available for download, Freely available

Resource Name: pracma

Resource ID: SCR_026021

Record Creation Time: 20241107T053308+0000

Record Last Update: 20260905T133511+0000

Ratings and Alerts

No rating or validation information has been found for pracma.

No alerts have been found for pracma.

Data and Source Information

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Jiang A, et al. (2026) TRACE: Open-Source Software for Quantifying Somatic Variation of Tandem Repeats by Capillary Electrophoresis. *bioRxiv : the preprint server for biology*.

Canington SL, et al. (2026) Bite force-gape curves and passive tension costs in *Macaca mulatta*. *The Journal of experimental biology*, 229(9).

Gurjao C, et al. (2026) Germline Predisposition to Oncogenic Alkylating Damage in Colorectal Cancer. *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*, 35(3), 420.

Clements GM, et al. (2025) Effects of Aging, Estimated Fitness, and Cerebrovascular Status on White Matter Microstructural Health. *Human brain mapping*, 46(5), e70168.

Burchert HH, et al. (2025) Oxygen dissociation curve inflection point during incremental exercise: a trigger for the Bohr effect. *Pflugers Archiv : European journal of physiology*, 477(8), 1075.

Garikipati L, et al. (2025) Many-to-one mapping in Mantodea: camouflage strategy and phylogeny drive strike variation in prey capture with raptorial forelegs. *The Journal of experimental biology*, 228(19).

Koliopoulou I, et al. (2025) Heat increment of feeding in the common bottlenose dolphin (*Tursiops truncatus*) contributes moderately to field metabolic rate estimates. *The Journal of experimental biology*, 228(24).

Clark AD, et al. (2025) Biomechanics of raptorial dorsiflexion and tensile material properties of the m. tibialis cranialis tendon in the hindlimbs of hawks and owls. *The Journal of experimental biology*, 228(23).

Zeng Y, et al. (2024) Biomechanics and ontogeny of gliding in wingless stick insect nymphs (*Extatosoma tiaratum*). *The Journal of experimental biology*, 227(24).