

# Resource Summary Report

Generated by [dkNET](#) on Apr 24, 2025

## NMF Toolbox

RRID:SCR\_017069

Type: Tool

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### Proper Citation

NMF Toolbox (RRID:SCR\_017069)

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### Resource Information

**URL:** <https://github.com/colinvaz/nmf-toolbox>

**Proper Citation:** NMF Toolbox (RRID:SCR\_017069)

**Description:** Software toolbox for performing Non-negative Matrix Factorization (NMF) and several variants. Used to factorize one non negative matrix into two non negative factors, that is basis matrix and coefficient matrix. Applied in bioinformatics as data mining approach.

**Synonyms:** NMF MATLAB Toolbox, Non-negative Matrix Factorization toolbox, Non negative Matrix Factorization Toolbox, NMF Toolbox

**Resource Type:** data processing software, software resource, software application

**Keywords:** non negative, matrix, factorization, variant, coefficient, data, mining, bioinformatics

**Funding:**

**Availability:** Free, Available for download, Freely available

**Resource Name:** NMF Toolbox

**Resource ID:** SCR\_017069

**Alternate URLs:** <https://sites.google.com/site/nmftool/>,  
<https://sail.usc.edu/~cvaz/nmftoolbox.html>

**License:** GPL v3.0

**Record Creation Time:** 20220129T080333+0000

**Record Last Update:** 20250423T060943+0000

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## Ratings and Alerts

No rating or validation information has been found for NMF Toolbox.

No alerts have been found for NMF Toolbox.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Roeder L, et al. (2024) Dynamics of brain-muscle networks reveal effects of age and somatosensory function on gait. *iScience*, 27(3), 109162.

Mackevicius EL, et al. (2019) Unsupervised discovery of temporal sequences in high-dimensional datasets, with applications to neuroscience. *eLife*, 8.

Huang Y, et al. (2019) In Vitro and In Vivo Activities of Zinc Linolenate, a Selective Antibacterial Agent against *Helicobacter pylori*. *Antimicrobial agents and chemotherapy*, 63(6).