Resource Summary Report

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Midas Platform

RRID:SCR_002186
Type: Tool

Proper Citation

Midas Platform (RRID:SCR_002186)

Resource Information

URL: http://www.midasplatform.org/

Proper Citation: Midas Platform (RRID:SCR_002186)

Description: Open-source toolkit that enables the rapid creation of tailored, web-enabled data storage and provides a cohesive system for data management, visualization, and processing. At its core, Midas Platform is implemented as a PHP modular framework with a backend database (PostGreSQL, MySQL and non-relational databases). While the Midas Platform system can be installed and deployed without any customization, the framework has been designed with customization in mind. As building one system to fit all is not optimal, the framework has been extended to support plugins and layouts. Through integration with a range of other open-source toolkits, applications, or internal proprietary workflows, Midas Platform offers a solid foundation to meet the needs of data-centric computing. Midas Platform provides a variety of data access methods, including web, file system and DICOM server interfaces, and facilitates extending the methods in which data is stored to other relational and non-relational databases.

Abbreviations: Midas

Synonyms: Midas Platform - The Multimedia Digital Archiving System

Resource Type: software toolkit, software application, data management software, software resource

Defining Citation: PMID:18560078

Keywords: data storage, data analysis, visualization, multimedia, digital archiving, processing

Funding: NLM ;

NIH ;
NCI

Availability: Apache License, v2, Simplified BSD License, BSD License

Resource Name: Midas Platform

Resource ID: SCR_002186

Alternate IDs: nlx_154696

Record Creation Time: 20220129T080212+0000

Record Last Update: 20250419T054838+0000

Ratings and Alerts

No rating or validation information has been found for Midas Platform.

No alerts have been found for Midas Platform.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 38 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Watson KL, et al. (2025) Improving Evidenced-based Outpatient Order Set Utilization in the Gastrointestinal Division of a Large Pediatric Health System. Pediatric quality & safety, 10(1), e792.

Bruentgens F, et al. (2024) The Lack of Synapsin Alters Presynaptic Plasticity at Hippocampal Mossy Fibers in Male Mice. eNeuro, 11(7).

Østergaard SK, et al. (2024) Modulating the gut microbiota in Crohn's disease: a pilot study on the impact of a plant-based diet with DNA-based monitoring. Frontiers in nutrition, 11, 1502967.

Ehemann N, et al. (2024) Meristic co-evolution and genomic co-localization of lateral line scales and vertebrae in Central American cichlid fishes. Ecology and evolution, 14(9), e70266.

Lagou MK, et al. (2024) Morphometric Analysis of the Thymic Epithelial Cell (TEC) Network

Using Integrated and Orthogonal Digital Pathology Approaches. bioRxiv : the preprint server for biology.

LoRicco JG, et al. (2023) Endosidin 5 disruption of the Golgi apparatus and extracellular matrix secretion in the unicellular charophyte Penium margaritaceum. Annals of botany, 131(6), 967.

Wu Q, et al. (2023) Diagnostic value of serum human epididymis protein 4, carbohydrate antigen 125 and their combination in endometrial cancer: A meta-analysis. Medicine, 102(33), e34737.

Kim MS, et al. (2023) Detection of Prosthetic Loosening in Hip and Knee Arthroplasty Using Machine Learning: A Systematic Review and Meta-Analysis. Medicina (Kaunas, Lithuania), 59(4).

Xing J, et al. (2022) Diagnostic accuracy of calprotectin in periprosthetic joint infection: a diagnostic meta-analysis. Journal of orthopaedic surgery and research, 17(1), 11.

Yin X, et al. (2022) Diagnostic value of Lipoarabinomannan antigen for detecting Mycobacterium tuberculosis in adults and children with or without HIV infection. Journal of clinical laboratory analysis, 36(2), e24238.

Albaroudi B, et al. (2022) Assessing left ventricular systolic function by emergency physician using point of care echocardiography compared to expert: systematic review and meta-analysis. European journal of emergency medicine : official journal of the European Society for Emergency Medicine, 29(1), 18.

Elias RM, et al. (2021) A Taxonomic Review of Patient Complaints in Adult Hospital Medicine. Journal of patient experience, 8, 23743735211007351.

Di Vittori V, et al. (2021) Pod indehiscence in common bean is associated with the fine regulation of PvMYB26. Journal of experimental botany, 72(5), 1617.

Liu X, et al. (2021) TOP-Net Prediction Model Using Bidirectional Long Short-term Memory and Medical-Grade Wearable Multisensor System for Tachycardia Onset: Algorithm Development Study. JMIR medical informatics, 9(4), e18803.

Muellner AE, et al. (2021) Comparative mapping and validation of multiple disease resistance QTL for simultaneously controlling common and dwarf bunt in bread wheat. TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik, 134(2), 489.

Verma PK, et al. (2021) Endoscopic Keyhole Approach for Intracranial Epidermoid. Journal of neurosciences in rural practice, 12(4), 614.

Xiong X, et al. (2020) Diagnosis Test Meta-Analysis for Apolipoprotein E in Alzheimer's Disease. Disease markers, 2020, 6486031.

Kautt AF, et al. (2020) Contrasting signatures of genomic divergence during sympatric speciation. Nature, 588(7836), 106.

Liu B, et al. (2020) Competition Between Butyrate Fermenters and Chain-Elongating Bacteria Limits the Efficiency of Medium-Chain Carboxylate Production. Frontiers in microbiology, 11, 336.

Jeong HM, et al. (2020) Delta Neutrophil Index for the Prediction of Prognosis in Acute Gastrointestinal Diseases; Diagnostic Test Accuracy Meta-Analysis. Journal of clinical medicine, 9(4).