

Resource Summary Report

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Thermo Xcalibur

RRID:SCR_014593

Type: Tool

Proper Citation

Thermo Xcalibur (RRID:SCR_014593)

Resource Information

URL: http://chemistry.unt.edu/~verbeck/LIMS/Manuals/XCAL_Quant.pdf

Proper Citation: Thermo Xcalibur (RRID:SCR_014593)

Description: A software which acquires and processes data sets, primarily through the Xcalibur system.

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

Keywords: data acquisition software, thermo fisher, xcalibur, excalibur, data set

Funding:

Resource Name: Thermo Xcalibur

Resource ID: SCR_014593

Record Creation Time: 20220129T080321+0000

Record Last Update: 20250422T055806+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Xcalibur.

No alerts have been found for Thermo Xcalibur.

Data and Source Information

Usage and Citation Metrics

We found 7655 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Hovhannisyan V, et al. (2025) Sex differences in the antinociceptive effect of codeine and its peripheral but not central metabolism in adult mice. *Neuropharmacology*, 264, 110228.

Zhang D, et al. (2025) Lysine L-lactylation is the dominant lactylation isomer induced by glycolysis. *Nature chemical biology*, 21(1), 91.

Montresor S, et al. (2025) HSP110 is a modulator of amyloid beta (A β) aggregation and proteotoxicity. *Journal of neurochemistry*, 169(1), e16214.

Tan R, et al. (2025) Integrated proteomics and scRNA-seq analyses of ovarian cancer reveal molecular subtype-associated cell landscapes and immunotherapy targets. *British journal of cancer*, 132(1), 111.

Espinosa-Barrera PA, et al. (2025) Synergistic effects of a sequential recirculation electrochemical system combined with low-cost UV-LEDs on the gram-negative bacteria inactivation. *Environmental science and pollution research international*, 32(2), 904.

Bongiovanni T, et al. (2025) A *Lactobacillus* consortium provides insights into the sleep-exercise-microbiome nexus in proof of concept studies of elite athletes and in the general population. *Microbiome*, 13(1), 1.

Zhang QY, et al. (2025) Regulation of enzymatic lipid peroxidation in osteoblasts protects against postmenopausal osteoporosis. *Nature communications*, 16(1), 758.

Zhou N, et al. (2025) Quantitative Proteomics Analysis Reveals XDH Related with Ovarian Oxidative Stress Involved in Broodiness of Geese. *Animals : an open access journal from MDPI*, 15(2).

Wang N, et al. (2025) Identification of novel serum lipid metabolism potential markers and metabolic pathways for oral cancer: a population-based study. *BMC cancer*, 25(1), 177.

Torpy H, et al. (2025) Impact of different pathogen classes on the serum N-glycome in septic shock. *BBA advances*, 7, 100138.

Mabry SJ, et al. (2025) *Fusobacterium nucleatum* determines the expression of amphetamine-induced behavioral responses through an epigenetic phenomenon. *bioRxiv : the preprint server for biology*.

Gupta A, et al. (2025) Invasive lobular carcinoma integrated multi-omics analysis reveals

silencing of Arginosuccinate synthase and upregulation of nucleotide biosynthesis in tamoxifen resistance. *bioRxiv : the preprint server for biology*.

Eichenauer E, et al. (2025) "Radix Saniculae": Phytochemical Characterization and Potential Adulteration of an Austrian Traditional Wound-Healing Agent. *Plants (Basel, Switzerland)*, 14(2).

Banti M, et al. (2025) Characterization and Otoprotective Effects of Polysaccharides from *Arthrospira platensis*. *Molecules (Basel, Switzerland)*, 30(2).

Hu R, et al. (2025) Screening of Solvent Systems for Countercurrent Chromatography Separation of Polar Constituents from *Ginkgo biloba* L. Seeds. *Molecules (Basel, Switzerland)*, 30(2).

McIntyre ABR, et al. (2025) Phosphorylation of a nuclear condensate regulates cohesion and mRNA retention. *Nature communications*, 16(1), 390.

Lauer SM, et al. (2025) The proline-rich antimicrobial peptide Api137 disrupts large ribosomal subunit assembly and induces misfolding. *Nature communications*, 16(1), 567.

Aksu-Menges E, et al. (2025) Hypotonic Swelling Method for the Isolation of Pure Mitochondria From Primary Human Skeletal Myoblasts for Proteomic Studies. *Journal of cellular and molecular medicine*, 29(2), e70370.

Kelley M, et al. (2025) Tyrosine transfer RNA levels and modifications during blood-feeding and vitellogenesis in the mosquito, *Aedes aegypti*. *Insect molecular biology*, 34(1), 65.

Yalcin A, et al. (2025) Protective effect of *Lavandula angustifolia* essential oil inhalation on neuromodulators regulating the sleep/wake cycle in rats with total sleep deprivation. *Iranian journal of basic medical sciences*, 28(2), 264.