

Resource Summary Report

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OMNISEC

RRID:SCR_024485

Type: Tool

Proper Citation

OMNISEC (RRID:SCR_024485)

Resource Information

URL: <https://www.malvernpanalytical.com/en/products/product-range/omnisec/accessories/omnisec-software>

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Description: Software for OMNISEC instrument control, data acquisition, analysis and reporting. Used for advanced analysis of proteins and polymers by GPC/SEC, and is specifically designed for control of OMNISEC RESOLVE and OMNISEC REVEAL.

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

Keywords: OMNISEC instrument control, data acquisition, analysis and reporting, proteins and polymers analysis,

Funding:

Availability: Restricted

Resource Name: OMNISEC

Resource ID: SCR_024485

Record Creation Time: 20231002T161336+0000

Record Last Update: 20250417T065759+0000

Ratings and Alerts

No rating or validation information has been found for OMNISEC.

No alerts have been found for OMNISEC.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Gong Y, et al. (2024) Metal-organic frameworks of p-hydroxybenzoic acid: synthesis, structure and ring opening polymerization capability. RSC advances, 14(51), 37895.

Aoi Y, et al. (2023) Biochemical data documenting variations in mucilage polysaccharides in a range of glycosyltransferase mutants. Scientific data, 10(1), 702.

Keck S, et al. (2023) Synthesis of a Liquid Lignin-Based Methacrylate Resin and Its Application in 3D Printing without Any Reactive Diluents. Biomacromolecules, 24(4), 1751.

Susvirkar V, et al. (2023) Shieldin complex assembly kinetics and DNA binding by SHLD3. Communications biology, 6(1), 384.

Aranda-Caraballo J, et al. (2023) Binding Specificity of a Novel Cyclo/Maltodextrin-Binding Protein and Its Role in the Cyclodextrin ABC Importer System from Thermoanaerobacterales. Molecules (Basel, Switzerland), 28(16).

Bordat A, et al. (2022) A Polymer Prodrug Strategy to Switch from Intravenous to Subcutaneous Cancer Therapy for Irritant/Vesicant Drugs. Journal of the American Chemical Society, 144(41), 18844.

Gottschalk J, et al. (2022) Repetitive Synthesis of High-Molecular-Weight Hyaluronic Acid with Immobilized Enzyme Cascades. ChemSusChem, 15(9), e202101071.

Del Amo J, et al. (2021) Glycolysis of Polyurethanes Composites Containing Nanosilica. Polymers, 13(9).

Lavigne M, et al. (2021) SARS-CoV-2 Nsp3 unique domain SUD interacts with guanine quadruplexes and G4-ligands inhibit this interaction. Nucleic acids research, 49(13), 7695.

Sánchez LF, et al. (2021) A Simple Approach to Produce Tailor-Made Chitosans with Specific Degrees of Acetylation and Molecular Weights. Polymers, 13(15).

Berger A, et al. (2021) Sterol Glucosyltransferases Tailor Polysaccharide Accumulation in

Arabidopsis Seed Coat Epidermal Cells. *Cells*, 10(10).

Gerges I, et al. (2021) Conditioning the microenvironment for soft tissue regeneration in a cell free scaffold. *Scientific reports*, 11(1), 13310.

Bandera AM, et al. (2021) BusR senses bipartite DNA binding motifs by a unique molecular ruler architecture. *Nucleic acids research*, 49(17), 10166.

Klimaszewska M, et al. (2021) Identification of the Primary Structure of Selenium-Containing Polysaccharides Selectively Inhibiting T-Cell Proliferation. *Molecules (Basel, Switzerland)*, 26(17).

Goranova KL, et al. (2021) Hydroxyapatite-poly(d,l-lactide) Nanografts. Synthesis and Characterization as Bone Cement Additives. *Molecules (Basel, Switzerland)*, 26(2).

Amos RC, et al. (2021) Production of Cyclic Anhydride-Modified Starches. *Polymers*, 13(9).

Guillén-Boixet J, et al. (2020) RNA-Induced Conformational Switching and Clustering of G3BP Drive Stress Granule Assembly by Condensation. *Cell*, 181(2), 346.

Lorson T, et al. (2020) Sterilization Methods and Their Influence on Physicochemical Properties and Bioprinting of Alginate as a Bioink Component. *ACS omega*, 5(12), 6481.

Pabis M, et al. (2020) Molecular basis for the bifunctional Uba4-Urm1 sulfur-relay system in tRNA thiolation and ubiquitin-like conjugation. *The EMBO journal*, 39(19), e105087.

Dedden D, et al. (2019) The Architecture of Talin1 Reveals an Autoinhibition Mechanism. *Cell*, 179(1), 120.