

Resource Summary Report

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PISA

RRID:SCR_015749

Type: Tool

Proper Citation

PISA (RRID:SCR_015749)

Resource Information

URL: <http://www.ebi.ac.uk/pdbe/pisa/>

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Description: Web application for exploration of macromolecular interfaces. It calculates structural and chemical properties of macromolecular surfaces and interfaces, as well as quaternary structures (assemblies), their structural and chemical properties and dissociation patterns.

Abbreviations: PDBePISA

Synonyms: PDBePISA, Proteins Interfaces Structures and Assemblies

Resource Type: software resource, web application

Defining Citation: [PMID:17681537](#)

Keywords: macromolecule, assembly, dissociation pattern, chemical composition

Funding: BBSRC 721/B19544

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

Resource Name: PISA

Resource ID: SCR_015749

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260731T042958+0000

Ratings and Alerts

No rating or validation information has been found for PISA.

No alerts have been found for PISA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1571 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#).

Yuan R, et al. (2026) CASP16 Protein Monomer Structure Prediction Assessment. *Proteins*, 94(1), 86.

Chen Y, et al. (2026) Structure insight into FtsZ function maintaining under acid stress of *Streptococcus mutans*. *International journal of oral science*, 18(1), 3.

Martins CS, et al. (2025) Genetically encoded reporters of actin filament organization in living cells and tissues. *Cell*, 188(9), 2540.

Shu S, et al. (2025) Histone Deacetylase 6 Controls Atrial Fibrosis and Remodeling in Postinfarction Mice Through the Modulation of Wnt3a/GSK-3 β Signaling. *FASEB journal* : official publication of the Federation of American Societies for Experimental Biology, 39(10), e70650.

Lin J, et al. (2025) Nudix Hydrolase 13 Impairs the Initiation of Colorectal Cancer by Inhibiting PKM1 ADP-Ribosylation. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(13), e2410058.

De Simone B, et al. (2025) Indocyanine green fluorescence-guided surgery in the emergency setting: the WSES international consensus position paper. *World journal of emergency surgery* : WJES, 20(1), 13.

Caretto M, et al. (2025) Deciphering the stromal molecular landscape: the correlation between p16 and α -SMA in epithelial ovarian cancer. *Journal of cancer research and clinical oncology*, 151(2), 79.

Carli F, et al. (2025) Learning and actioning general principles of cancer cell drug sensitivity. *Nature communications*, 16(1), 1654.

Gran-Scheuch A, et al. (2025) Bioinformatics and Computationally Supported Redesign of Aspartase for α -Alanine Synthesis by Acrylic Acid Hydroamination. *ACS catalysis*, 15(2), 928.

Amadigi FR, et al. (2025) Brazil-Portugal Comparison: Education, Health and Social Development in light of the Sustainable Development Goals. *Revista brasileira de enfermagem*, 77Suppl 2(Suppl 2), e20240047.

Kshirsagar M, et al. (2025) Rapid and accurate prediction of protein homo-oligomer symmetry using Seq2Symm. *Nature communications*, 16(1), 2017.

King RB, et al. (2025) The rich get richer: Socioeconomic advantage amplifies the role of growth mindsets in learning. *The British journal of educational psychology*, 95(3), 792.

Dorji T, et al. (2025) Assessment of Influenza Severity in Bhutan by Using WHO Framework Pandemic Influenza Severity Assessment (PISA): An Implementation Research Study. *Influenza and other respiratory viruses*, 19(3), e70095.

Pini S, et al. (2025) Relationships between depersonalization-derealization symptoms and separation anxiety in adult patients with mood and anxiety disorders. *Frontiers in psychiatry*, 16, 1565217.

Colitta A, et al. (2025) Sleep and circadian parameters in Behçet's syndrome: a comparative analysis using actigraphy and questionnaires. *Rheumatology (Oxford, England)*, 64(10), 5460.

Martínez-Rodríguez S, et al. (2025) Revisiting D-Acylases for D-Amino Acid Production. *Microbial biotechnology*, 18(6), e70179.

van Gennip LLA, et al. (2025) Periodontal changes after haematopoietic cell transplantation and the role of conditioning regimen intensity. *Supportive care in cancer : official journal of the Multinational Association of Supportive Care in Cancer*, 33(7), 612.

Linciano S, et al. (2025) Screening macrocyclic peptide libraries by yeast display allows control of selection process and affinity ranking. *Nature communications*, 16(1), 5367.

Desiato G, et al. (2025) An inflammatory fingerprint in mild cognitively impaired patients is reversed by physical and cognitive training. *Brain, behavior, & immunity - health*, 48, 101062.

Jo G, et al. (2025) Structural basis of broad protection against influenza virus by human antibodies targeting the neuraminidase active site via a recurring motif in CDR H3. *Nature communications*, 16(1), 7067.