

Advancing drug–target interaction prediction: a comprehensive graph-based approach integrating knowledge graph embedding and ProtBert pretraining

Djeddi, Warith Eddine; Hermi, Khalil; **Ben Yahia, Sadok**; Diallo, Gayo BMC Bioinformatics 2023 / art. 488, 41 p.: ill

<https://doi.org/10.1186/s12859-023-05593-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Caseins from bovine colostrum and milk strongly bind piscidin-1, an antimicrobial peptide from fish

Kütt, Mary-Liis; Stagsted, Jan International journal of biological macromolecules 2014 / p. 364-372 : ill

<https://doi.org/10.1016/j.ijbiomac.2014.06.063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Compartmentalization in cardiomyocytes modulates creatine kinase and adenylate kinase activities

Birkedal, Rikke; Branovets, Jelena; Vendelin, Marko FEBS letters 2024 / p. 2623-2640 <https://doi.org/10.1002/1873-3468.14994>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A computational approach to study functional monomer|protein molecular interactions to optimize protein molecular imprinting

Boroznjak, Roman; Reut, Jekaterina; Tretjakov, Aleksei; Lomaka, Andre; Öpik, Andres; Söritski, Vitali Journal of molecular recognition 2017 / art. e2635, p. 1-9 : ill <https://doi.org/10.1002/jmr.2635> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Correction to: Advancing drug–target interaction prediction: a comprehensive graph-based approach integrating knowledge graph embedding and ProtBert pretraining (BMC Bioinformatics, (2023), 24, 1, (488), 10.1186/s12859-023-05593-6)

Djeddi, Warith Eddine; Hermi, Khalil; **Ben Yahia, Sadok**; Diallo, Gayo BMC Bioinformatics 2024 / art. 289

<https://doi.org/10.1186/s12859-024-05905-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

EBSI investigation of microstructure and microtexture evolution on additively manufactured TiC-Fe based cermets—Influence of multiple laser scanning

Maurya, Himanshu Singh; Vikram, R. J.; Kumar, Rahul, 1993-; Rahmani Ahranjani, Ramin; Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss Micron 2024 / art. 103613 <https://doi.org/10.1016/j.micron.2024.103613> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of agitation on the peptide fibrillization: Alzheimer's amyloid- b peptide 1-42 but not amylin and insulin fibrils can grow under quiescent conditions

Tiiman, Ann; Noormägi, Andra; Friedemann, Merlin; Krištal, Jekaterina; Palumaa, Peep; Tõugu, Vello Journal of peptide science 2013 / p. 386-391 : ill <https://doi.org/10.1002/psc.2513> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

Formulation of active food packaging by design: Linking composition of the film-forming solution to properties of the chitosan-based film by response surface methodology (RSM) modelling

Bajić, Marijan; Oberlinter, Ana; **Körge, Kristi**; Likozar, Blaž; Novak, Uroš International Journal of Biological Macromolecules 2020 / p. 971 - 978 <https://doi.org/10.1016/j.ijbiomac.2020.05.186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#)

Graphene oxide-terminated hyperbranched amino polymer-carboxymethyl cellulose ternary nanocomposite for efficient removal of heavy metals from aqueous solutions

Kong, Qiaoping; **Preis, Sergei**; Li, Leli; Luo, Pei; Hua, Yun; Wei, Chaohai International journal of biological macromolecules 2020 / p. 581–592 : ill <https://doi.org/10.1016/j.ijbiomac.2020.01.185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#)

Heating-induced transition of Potyvirus Potato Virus A coat protein into β -structure

Ksenofontov, Alexander L.; Parshina, Evgenia Yu; Fedorova, Natalia V.; Arutyunyan, Alexander M.; Rumvolt, Reet; Paalme, Viuu; Baratova, Ludmila A.; **Järvekülg, Lilian**; Dobrov, Eugeny N. Journal of biomolecular structure and dynamics 2016 / p. 250-258 : ill

<https://doi.org/10.1080/07391102.2015.1022604> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrating gene and protein expression data with genome-scale metabolic networks to infer functional pathways

Pey, Jon; **Valgepea, Kaspar**; Rubio, Angel; Beasley, John E; Planes, Francisco Javier BMC Systems Biology 2013 / art. 134

<https://doi.org/10.1186/1752-0509-7-134> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Isolated Potato Virus A coat protein possesses unusual properties and forms different short virus-like particles

Ksenofontov, Alexander L.; Dobrov, Eugeny N.; Fedorova, Natalia V.; **Paalme, Viuu**; **Järvekülg, Lilian** Journal of biomolecular structure and dynamics 2017 / p. 1-11 : ill <https://doi.org/10.1080/07391102.2017.1333457> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Simple analysis of gel images with IOCBIO Gel

Kütt, Jaak; Margus, Georg; Kask, Lauri; Rätsepso, Triinu; Soodla, Kärol; Bernasconi, Romain; Birkedal, Rikke; Järv, Priit; Laasmaa, Martin; Vendelin, Marko BMC Biology 2023 / art. 225 <https://doi.org/10.1186/s12915-023-01734-8> [Journal metrics at](#)

[Journal metrics at WOS](#) [Article at WOS](#)

[Scopus Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Solid-state NMR backbone chemical shift assignments of α -synuclein amyloid fibrils at fast MAS regime

Toleikis, Zigmantas; Paluch, Piotr; Kuc, Ewelina; Petkus, Jana; Salskis, Darius; **Org-Tago, Mai-Liis; Samoson, Ago**; Smirnovas, Vytautas; Stanek, Jan; Lends, Alons Biomolecular NMR assignments 2024 / p. 181-186 <https://doi.org/10.1007/s12104-024-10186-2>
[Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Structure of potato virus a coat protein particles and their dissociation

Ksenofontov, Alexander L.; Dobrov, Eugenie N.; Fedorova, Nataliya V.; Arutyunyan, Alexander Migranovich; Golanikov, Andrey E.; **Järvekülg, Lilian**; Shtykova, Eleonora Vladimirovna Molecular Biology 2018 / p. 913-921 <https://doi.org/10.1134/S0026893318060109>
[Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Subchronic oral and inhalation toxicities : a challenging attempt for modeling and prediction

Dobchev, Dimitar A.; Tulp, Indrek; **Karelson, Gunnar**; Tamm, Tarmo; Tämm, Kaido; **Karelson, Mati** Molecular informatics 2013 / p. 793-801 : ill <https://doi.org/10.1002/minf.201300033> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Testing scenarios for using telepresence robots in healthcare settings

Leoste, Janika; Strömberg-Järvis, Kadri; **Robal, Tarmo**; **Marmor, Kristel**; **Kangur, Katrin**; Rebane, Anne-Mari Computational and structural biotechnology journal 2024 / p. 105-114 <https://doi.org/10.1016/j.csbj.2024.01.004> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Therapeutic potential of the endoplasmic reticulum located and secreted CDNF/MANF family of neurotrophic factors in Parkinson's disease

Voutilainen, Merja H.; **Arumäe, Urmas**; Airavaara, Mikko; Saarma, Mart FEBS letters 2015 / p. 3739-3748 : ill <https://doi.org/10.1016/j.febslet.2015.09.031> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Thermal stability of red algal galactans: Effect of molecular structure and counterions

Robal, Marju; Truus, Kalle; **Volobujeva, Olga**; **Mellikov, Enn**; Tuvikene, Rando International journal of biological macromolecules 2017 / p. 213-223 : ill <https://doi.org/10.1016/j.ijbiomac.2017.05.175> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

The TIMELESS roles in genome stability and beyond

Vipat, Sameera Anant; **Moiseeva, Tatiana** Journal of molecular biology 2024 / art. 168206, 14 p. : ill <https://doi.org/10.1016/j.jmb.2023.168206> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

Topological fingerprints as an aid in finding structural patterns for LRRK2 inhibition

Kahn, Iiris; **Lomaka, Andre**; **Karelson, Mati** Molecular informatics 2014 / p. 269-275 : ill <https://doi.org/10.1002/minf.201300057>
[Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)