List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1469765/publications.pdf Version: 2024-02-01



Μοέζ Ρηιμι

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Indole, a Signaling Molecule Produced by the Gut Microbiota, Negatively Impacts Emotional Behaviors in Rats. Frontiers in Neuroscience, 2018, 12, 216. | 2.8 | 179 |
| 2 | Biochemical and molecular characterization of a detergent-stable serine alkaline protease from Bacillus pumilus CBS with high catalytic efficiency. Biochimie, 2008, 90, 1291-1305. | 2.6 | 166 |
| 3 | Microbial impact on cholesterol and bile acid metabolism: current status and future prospects. Journal of Lipid Research, 2019, 60, 323-332. | 4.2 | 149 |
| 4 | Beneficial metabolic effects of selected probiotics on dietâ€induced obesity and insulin resistance in mice are associated with improvement of dysbiotic gut microbiota. Environmental Microbiology, 2016, 18, 1484-1497. | 3.8 | 127 |
| 5 | The intestinal microbiota regulates host cholesterol homeostasis. BMC Biology, 2019, 17, 94. | 3.8 | 125 |
| 6 | Reduced obesity, diabetes, and steatosis upon cinnamon and grape pomace are associated with changes in gut microbiota and markers of gut barrier. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E334-E352. | 3.5 | 119 |
| 7 | Cloning, purification and biochemical characterization of metallic-ions independent and thermoactive l-arabinose isomerase from the Bacillus stearothermophilus US100 strain. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 191-199. | 2.4 | 82 |
| 8 | Structuring Detergents for Extracting and Stabilizing Functional Membrane Proteins. PLoS ONE, 2011, 6, e18036. | 2.5 | 77 |
| 9 | Characterization of an l-arabinose isomerase from the <i>Lactobacillus plantarum</i> NC8 strain showing pronounced stability at acidic pH. FEMS Microbiology Letters, 2007, 277, 260-267. | 1.8 | 67 |
| 10 | Fecal Serine Protease Profiling in Inflammatory Bowel Diseases. Frontiers in Cellular and Infection Microbiology, 2020, 10, 21. | 3.9 | 62 |
| 11 | The acid tolerant l-arabinose isomerase from the food grade Lactobacillus sakei 23K is an attractive d-tagatose producer. Bioresource Technology, 2010, 101, 9171-9177. | 9.6 | 60 |
| 12 | Olfactory epithelium changes in germfree mice. Scientific Reports, 2016, 6, 24687. | 3.3 | 49 |
| 13 | Rational design of Bacillus stearothermophilus US100 l-arabinose isomerase: Potential applications for d-tagatose production. Biochimie, 2009, 91, 650-653. | 2.6 | 44 |
| 14 | Production of d-tagatose, a low caloric sweetener during milk fermentation using l-arabinose isomerase. Bioresource Technology, 2011, 102, 3309-3315. | 9.6 | 43 |
| 15 | Co-expression of l-arabinose isomerase and d-glucose isomerase in E. coli and development of an efficient process producing simultaneously d-tagatose and d-fructose. Enzyme and Microbial Technology, 2007, 40, 1531-1537. | 3.2 | 41 |
| 16 | Efficient bioconversion of lactose in milk and whey: immobilization and biochemical characterization of a β-galactosidase from the dairy Streptococcus thermophilus LMD9 strain. Research in Microbiology, 2010, 161, 515-525. | 2.1 | 36 |
| 17 | Genome Sequence of " <i>Candidatus</i> Arthromitus―sp. Strain SFB-Mouse-NL, a Commensal Bacterium with a Key Role in Postnatal Maturation of Gut Immune Functions. Genome Announcements, 2014, 2, | 0.8 | 35 |
| 18 | Siropins, novel serine protease inhibitors from gut microbiota acting on human proteases involved in inflammatory bowel diseases. Microbial Cell Factories, 2016, 15, 201. | 4.0 | 33 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Addition of dairy lipids and probiotic Lactobacillus fermentum in infant formula programs gut microbiota and entero-insular axis in adult minipigs. Scientific Reports, 2018, 8, 11656. | 3.3 | 33 |
| 20 | Bile Salt Hydrolases: At the Crossroads of Microbiota and Human Health. Microorganisms, 2021, 9, 1122. | 3.6 | 33 |
| 21 | Identification and characterization of inhibitors of cytoplasmic 5′-nucleotidase cN-II issued from virtual screening. Biochemical Pharmacology, 2013, 85, 497-506. | 4.4 | 29 |
| 22 | The acid-tolerant L-arabinose isomerase from the mesophilic Shewanella sp. ANA-3 is highly active at low temperatures. Microbial Cell Factories, 2011, 10, 96. | 4.0 | 28 |
| 23 | Probing the Essential Catalytic Residues and Substrate Affinity in the Thermoactive Bacillus stearothermophilus US100 l -Arabinose Isomerase by Site-Directed Mutagenesis. Journal of Bacteriology, 2007, 189, 3556-3563. | 2.2 | 27 |
| 24 | The attractive recombinant phytase from Bacillus licheniformis: biochemical and molecular characterization. Applied Microbiology and Biotechnology, 2014, 98, 5937-5947. | 3.6 | 24 |
| 25 | Exploring the acidotolerance of β-galactosidase from Lactobacillus delbrueckii subsp. bulgaricus: an attractive enzyme for lactose bioconversion. Research in Microbiology, 2009, 160, 775-784. | 2.1 | 23 |
| 26 | Discriminatory antibacterial effects of calix[n]arene capped silver nanoparticles with regard to Gram positive and Gram negative bacteria. Chemical Communications, 2013, 49, 7150. | 4.1 | 21 |
| 27 | Serine protease inhibitors and human wellbeing interplay: new insights for old friends. PeerJ, 2019, 7, e7224. | 2.0 | 20 |
| 28 | Multiple Selection Criteria for Probiotic Strains with High Potential for Obesity Management. Nutrients, 2021, 13, 713. | 4.1 | 19 |
| 29 | Bile Acids: Key Players in Inflammatory Bowel Diseases?. Cells, 2022, 11, 901. | 4.1 | 19 |
| 30 | The acid tolerant and cold-active β-galactosidase from Lactococcus lactis strain is an attractive biocatalyst for lactose hydrolysis. Antonie Van Leeuwenhoek, 2013, 103, 701-712. | 1.7 | 18 |
| 31 | Serine proteases at the cutting edge of IBD: Focus on gastrointestinal inflammation. FASEB Journal, 2020, 34, 7270-7282. | 0.5 | 18 |
| 32 | Exploring the Bacterial Impact on Cholesterol Cycle: A Numerical Study. Frontiers in Microbiology, 2020, 11, 1121. | 3.5 | 17 |
| 33 | Identification of New Potential Biotherapeutics from Human Gut Microbiota-Derived Bacteria. Microorganisms, 2021, 9, 565. | 3.6 | 16 |
| 34 | Bacillus phytases: Current status and future prospects. Bioengineered, 2015, 6, 233-236. | 3.2 | 15 |
| 35 | Bacterial L-Arabinose Isomerases: Industrial Application for D-Tagatose Production. Recent Patents on DNA & Gene Sequences, 2011, 5, 194-201. | 0.7 | 13 |
| 36 | Large negatively charged organic host molecules as inhibitors of endonuclease enzymes. Chemical Communications, 2014, 50, 11404-11406. | 4.1 | 12 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The secreted l-arabinose isomerase displays anti-hyperglycemic effects in mice. Microbial Cell Factories, 2015, 14, 204. | 4.0 | 12 |
| 38 | Bacterial sucrose isomerases: properties and structural studies. Biologia (Poland), 2008, 63, 1020-1027. | 1.5 | 11 |
| 39 | Mutations inducing an active-site aperture inRhizobiumsp. sucrose isomerase confer hydrolytic activity. Acta Crystallographica Section D: Biological Crystallography, 2013, 69, 298-307. | 2.5 | 11 |
| 40 | Fatâ€Shaped Microbiota Affects Lipid Metabolism, Liver Steatosis, and Intestinal Homeostasis in Mice Fed a Lowâ€Protein Diet. Molecular Nutrition and Food Research, 2020, 64, e1900835. | 3.3 | 11 |
| 41 | Digestive Inflammation: Role of Proteolytic Dysregulation. International Journal of Molecular Sciences, 2021, 22, 2817. | 4.1 | 10 |
| 42 | Gut Serpinome: Emerging Evidence in IBD. International Journal of Molecular Sciences, 2021, 22, 6088. | 4.1 | 10 |
| 43 | Supramolecular stabilization of acid tolerant l-arabinose isomerase from Lactobacillus sakei. Chemical Communications, 2011, 47, 12307. | 4.1 | 9 |
| 44 | Cytosine: para-sulphonato-calix[4]arene assemblies: in solution, in the solid-state and on the surface of hybrid silver nanoparticles. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 77, 213-221. | 1.6 | 8 |
| 45 | para-Sulphonato-calix[n]arenes as selective activators for the passage of molecules across the Caco-2 model intestinal membrane. Chemical Communications, 2015, 51, 9374-9376. | 4.1 | 8 |
| 46 | Patented Biotechnological Applications of Serpin: an Update. Recent Patents on DNA & Gene Sequences, 2013, 7, 137-143. | 0.7 | 8 |
| 47 | Domestic Environment and Gut Microbiota: Lessons from Pet Dogs. Microorganisms, 2022, 10, 949. | 3.6 | 7 |
| 48 | Involvement of alanine 103 residue in kinetic and physicochemical properties of glucose isomerases fromStreptomyces species. Biotechnology Journal, 2007, 2, 254-259. | 3.5 | 6 |
| 49 | Involvement of cysteine 306 and alanine 63 in the thermostability and oligomeric organization of glucose isomerase from Streptomyces sp. SK. Biologia (Poland), 2009, 64, 845-851. | 1.5 | 6 |
| 50 | Sildenafil citrate long-term treatment effects on cardiovascular reactivity in a SHR experimental model of metabolic syndrome. PLoS ONE, 2019, 14, e0223914. | 2.5 | 6 |
| 51 | <i>para</i> -Sulphonato-calix[<i>n</i>]arene capped silver nanoparticles challenge the catalytic efficiency and the stability of a novel human gut serine protease inhibitor. Chemical Communications, 2019, 55, 8935-8938. | 4.1 | 5 |
| 52 | Biotechnological Applications of Serine Proteases: A Patent Review. Recent Patents on Biotechnology, 2018, 12, 280-287. | 0.8 | 4 |
| 53 | SP-1, a Serine Protease from the Gut Microbiota, Influences Colitis and Drives Intestinal Dysbiosis in Mice. Cells, 2021, 10, 2658. | 4.1 | 4 |
| 54 | Size and Flexibility Define the Inhibition of the H3N2 Influenza Endonuclease Enzyme by Calix[n]arenes. Antibiotics, 2019, 8, 73. | 3.7 | 3 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Recent Patents on Hypocholesterolemic Therapeutic Strategies: An Update. Recent Advances in DNA & Gene Sequences, 2016, 9, 36-44. | 0.7 | 2 |
| 56 | Structure/Function Relationships of Sucrose Isomerases with Different Product Specificity. Journal of Applied Glycoscience (1999), 2010, 57, 219-228. | 0.7 | 2 |
| 57 | Relevant Patented Biotechnological Applications of Ecotin: An Update. Recent Patents on Biotechnology, 2018, 12, 233-238. | 0.8 | 0 |