

Moez Rhimi

List of Publications by Year in descending order

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57
papers

2,022
citations

279798
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254184
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59
all docs

59
docs citations

59
times ranked

3100
citing authors

#	ARTICLE	IF	CITATIONS
1	Bile Acids: Key Players in Inflammatory Bowel Diseases?. Cells, 2022, 11, 901.	4.1	19
2	Domestic Environment and Gut Microbiota: Lessons from Pet Dogs. Microorganisms, 2022, 10, 949.	3.6	7
3	Multiple Selection Criteria for Probiotic Strains with High Potential for Obesity Management. Nutrients, 2021, 13, 713.	4.1	19
4	Identification of New Potential Biotherapeutics from Human Gut Microbiota-Derived Bacteria. Microorganisms, 2021, 9, 565.	3.6	16
5	Digestive Inflammation: Role of Proteolytic Dysregulation. International Journal of Molecular Sciences, 2021, 22, 2817.	4.1	10
6	Bile Salt Hydrolases: At the Crossroads of Microbiota and Human Health. Microorganisms, 2021, 9, 1122.	3.6	33
7	Gut Serpinome: Emerging Evidence in IBD. International Journal of Molecular Sciences, 2021, 22, 6088.	4.1	10
8	SP-1, a Serine Protease from the Gut Microbiota, Influences Colitis and Drives Intestinal Dysbiosis in Mice. Cells, 2021, 10, 2658.	4.1	4
9	Exploring the Bacterial Impact on Cholesterol Cycle: A Numerical Study. Frontiers in Microbiology, 2020, 11, 1121.	3.5	17
10	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
11	Fecal Serine Protease Profiling in Inflammatory Bowel Diseases. Frontiers in Cellular and Infection Microbiology, 2020, 10, 21.	3.9	62
12	Serine proteases at the cutting edge of IBD: Focus on gastrointestinal inflammation. FASEB Journal, 2020, 34, 7270-7282.	0.5	18
13	<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
14	Size and Flexibility Define the Inhibition of the H3N2 Influenza Endonuclease Enzyme by Calix[n]arenes. Antibiotics, 2019, 8, 73.	3.7	3
15	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
16	The intestinal microbiota regulates host cholesterol homeostasis. BMC Biology, 2019, 17, 94.	3.8	125
17	Microbial impact on cholesterol and bile acid metabolism: current status and future prospects. Journal of Lipid Research, 2019, 60, 323-332.	4.2	149
18	Serine protease inhibitors and human wellbeing interplay: new insights for old friends. PeerJ, 2019, 7, e7224.	2.0	20

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19	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
20	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
21	Indole, a Signaling Molecule Produced by the Gut Microbiota, Negatively Impacts Emotional Behaviors in Rats. Frontiers in Neuroscience, 2018, 12, 216.	2.8	179
22	Biotechnological Applications of Serine Proteases: A Patent Review. Recent Patents on Biotechnology, 2018, 12, 280-287.	0.8	4
23	Relevant Patented Biotechnological Applications of Ecotin: An Update. Recent Patents on Biotechnology, 2018, 12, 233-238.	0.8	0
24	Recent Patents on Hypocholesterolemic Therapeutic Strategies: An Update. Recent Advances in DNA & Gene Sequences, 2016, 9, 36-44.	0.7	2
25	Olfactory epithelium changes in germfree mice. Scientific Reports, 2016, 6, 24687.	3.3	49
26	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
27	Beneficial metabolic effects of selected probiotics on diet-induced obesity and insulin resistance in mice are associated with improvement of dysbiotic gut microbiota. Environmental Microbiology, 2016, 18, 1484-1497.	3.8	127
28	The secreted l-arabinose isomerase displays anti-hyperglycemic effects in mice. Microbial Cell Factories, 2015, 14, 204.	4.0	12
29	Bacillus phytases: Current status and future prospects. Bioengineered, 2015, 6, 233-236.	3.2	15
30	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
31	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
32	The attractive recombinant phytase from Bacillus licheniformis: biochemical and molecular characterization. Applied Microbiology and Biotechnology, 2014, 98, 5937-5947.	3.6	24
33	Large negatively charged organic host molecules as inhibitors of endonuclease enzymes. Chemical Communications, 2014, 50, 11404-11406.	4.1	12
34	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
35	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
36	Identification and characterization of inhibitors of cytoplasmic 5'-nucleotidase cN-II issued from virtual screening. Biochemical Pharmacology, 2013, 85, 497-506.	4.4	29

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37	The acid tolerant and cold-active β -galactosidase from <i>Lactococcus lactis</i> strain is an attractive biocatalyst for lactose hydrolysis. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 701-712.	1.7	18
38	Mutations inducing an active-site aperture in <i>Rhizobium</i> sp. sucrose isomerase confer hydrolytic activity. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 298-307.	2.5	11
39	Patented Biotechnological Applications of Serpin: an Update. <i>Recent Patents on DNA & Gene Sequences</i> , 2013, 7, 137-143.	0.7	8
40	Supramolecular stabilization of acid tolerant l-arabinose isomerase from <i>Lactobacillus sakei</i> . <i>Chemical Communications</i> , 2011, 47, 12307.	4.1	9
41	Structuring Detergents for Extracting and Stabilizing Functional Membrane Proteins. <i>PLoS ONE</i> , 2011, 6, e18036.	2.5	77
42	The acid-tolerant L-arabinose isomerase from the mesophilic <i>Shewanella</i> sp. ANA-3 is highly active at low temperatures. <i>Microbial Cell Factories</i> , 2011, 10, 96.	4.0	28
43	Production of d-tagatose, a low caloric sweetener during milk fermentation using l-arabinose isomerase. <i>Bioresource Technology</i> , 2011, 102, 3309-3315.	9.6	43
44	Bacterial L-Arabinose Isomerases: Industrial Application for D-Tagatose Production. <i>Recent Patents on DNA & Gene Sequences</i> , 2011, 5, 194-201.	0.7	13
45	The acid tolerant l-arabinose isomerase from the food grade <i>Lactobacillus sakei</i> 23K is an attractive d-tagatose producer. <i>Bioresource Technology</i> , 2010, 101, 9171-9177.	9.6	60
46	Efficient bioconversion of lactose in milk and whey: immobilization and biochemical characterization of a β -galactosidase from the dairy <i>Streptococcus thermophilus</i> LMD9 strain. <i>Research in Microbiology</i> , 2010, 161, 515-525.	2.1	36
47	Structure/Function Relationships of Sucrose Isomerases with Different Product Specificity. <i>Journal of Applied Glycoscience</i> (1999), 2010, 57, 219-228.	0.7	2
48	Involvement of cysteine 306 and alanine 63 in the thermostability and oligomeric organization of glucose isomerase from <i>Streptomyces</i> sp. SK. <i>Biologia (Poland)</i> , 2009, 64, 845-851.	1.5	6
49	Rational design of <i>Bacillus stearothermophilus</i> US100 l-arabinose isomerase: Potential applications for d-tagatose production. <i>Biochimie</i> , 2009, 91, 650-653.	2.6	44
50	Exploring the acidotolerance of β -galactosidase from <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> : an attractive enzyme for lactose bioconversion. <i>Research in Microbiology</i> , 2009, 160, 775-784.	2.1	23
51	Bacterial sucrose isomerases: properties and structural studies. <i>Biologia (Poland)</i> , 2008, 63, 1020-1027.	1.5	11
52	Biochemical and molecular characterization of a detergent-stable serine alkaline protease from <i>Bacillus pumilus</i> CBS with high catalytic efficiency. <i>Biochimie</i> , 2008, 90, 1291-1305.	2.6	166
53	Probing the Essential Catalytic Residues and Substrate Affinity in the Thermoactive <i>Bacillus stearothermophilus</i> US100 l-Arabinose Isomerase by Site-Directed Mutagenesis. <i>Journal of Bacteriology</i> , 2007, 189, 3556-3563.	2.2	27
54	Co-expression of l-arabinose isomerase and d-glucose isomerase in <i>E. coli</i> and development of an efficient process producing simultaneously d-tagatose and d-fructose. <i>Enzyme and Microbial Technology</i> , 2007, 40, 1531-1537.	3.2	41

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55	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
56	Involvement of alanine 103 residue in kinetic and physicochemical properties of glucose isomerases from <i>Streptomyces</i> species. Biotechnology Journal, 2007, 2, 254-259.	3.5	6
57	Cloning, purification and biochemical characterization of metallic-ions independent and thermoactive l-arabinose isomerase from the <i>Bacillus stearothermophilus</i> US100 strain. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 191-199.	2.4	82