

# Mohamed Ali Borgi

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

231  
citations

1307594

7  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Salicylic acid improves the antioxidant ability against arsenic-induced oxidative stress in sunflower ( <i>Helianthus annuus</i> ) seedling. <i>Journal of Plant Nutrition</i> , 2017, 40, 2326-2335.	1.9	49
2	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
3	Glucose isomerase of the <i>Streptomyces</i> sp. SK strain: purification, sequence analysis and implication of alanine 103 residue in the enzyme thermostability and acidotolerance. <i>Biochimie</i> , 2004, 86, 561-568.	2.6	30
4	The attractive recombinant phytase from <i>Bacillus licheniformis</i> : biochemical and molecular characterization. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 5937-5947.	3.6	24
5	The Attractive <i>Serratia plymuthica</i> BMA1 Strain With High Rock Phosphate-Solubilizing Activity and Its Effect on the Growth and Phosphorus Uptake by <i>Vicia faba</i> L. <i>Plants. Geomicrobiology Journal</i> , 2020, 37, 437-445.	2.0	24
6	<i>Bacillus</i> phytases: Current status and future prospects. <i>Bioengineered</i> , 2015, 6, 233-236.	3.2	15
7	Cytotoxic effects of seven Tunisian hospital wastewaters on the proliferation of human breast cancer cell line MDA-231: correlation with their chemical characterization. <i>Environmental Science and Pollution Research</i> , 2017, 24, 20422-20428.	5.3	13
8	Enhanced Bioremediation of Heavy Metals from Phosphate Processing Wastewater Using the Indigenous Bacterium <i>Serratia rubidaea</i> NCTC12971. <i>Geomicrobiology Journal</i> , 2021, 38, 914-923.	2.0	7
9	Domestic Environment and Gut Microbiota: Lessons from Pet Dogs. <i>Microorganisms</i> , 2022, 10, 949.	3.6	7
10	Involvement of alanine 103 residue in kinetic and physicochemical properties of glucose isomerases from <i>Streptomyces</i> species. <i>Biotechnology Journal</i> , 2007, 2, 254-259.	3.5	6
11	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
12	Assessment of Phosphate Laundries Wastewater Phytotoxicity and Biotreatment Assays. <i>Clean - Soil, Air, Water</i> , 2020, 48, 2000077.	1.1	5
13	Construction of new stable strain over-expressing the glucose isomerase of the <i>Streptomyces</i> sp. SK strain. <i>Enzyme and Microbial Technology</i> , 2005, 37, 735-738.	3.2	3
14	In vivo protective role against water contamination with cerium via chronic administration of omega 3. <i>Environmental Science and Pollution Research</i> , 2017, 24, 146-151.	5.3	1