

Marwa I Wahba

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

363
citations

840585

11
h-index

794469

19
g-index

22
all docs

22
docs citations

22
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of the mechanical properties of chitosan. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 350-375.	1.9	47
2	Porous chitosan beads of superior mechanical properties for the covalent immobilization of enzymes. International Journal of Biological Macromolecules, 2017, 105, 894-904.	3.6	46
3	Treated calcium pectinate beads for the covalent immobilization of β -D-galactosidase. International Journal of Biological Macromolecules, 2016, 91, 877-886.	3.6	36
4	Functionalized β -carrageenan/hyperbranched poly(amidoamine) for protease immobilization: Thermodynamics and stability studies. International Journal of Biological Macromolecules, 2020, 148, 1140-1155.	3.6	33
5	Agar-carrageenan hydrogel blend as a carrier for the covalent immobilization of β -D-galactosidase. Macromolecular Research, 2017, 25, 913-923.	1.0	30
6	Novel grafted agar disks for the covalent immobilization of β -D-galactosidase. Biopolymers, 2015, 103, 675-684.	1.2	27
7	Sodium bicarbonate-gelled chitosan beads as mechanically stable carriers for the covalent immobilization of enzymes. Biotechnology Progress, 2018, 34, 347-361.	1.3	17
8	Development of carrageenan modified with nanocellulose-based materials in removing of Cu^{2+} , Pb^{2+} , Ca^{2+} , Mg^{2+} , and Fe^{2+} . International Journal of Environmental Science and Technology, 2019, 16, 5569-5576.	1.8	17
9	Bioscouring of wool fibres using immobilized thermophilic lipase. International Journal of Biological Macromolecules, 2022, 194, 800-810.	3.6	17
10	Processed gellan gum beads as covalent immobilization carriers. Biocatalysis and Agricultural Biotechnology, 2018, 14, 270-278.	1.5	14
11	Chitosan-glutaraldehyde activated calcium pectinate beads as a covalent immobilization support. Biocatalysis and Agricultural Biotechnology, 2017, 12, 266-274.	1.5	13
12	Application of Plackett-Burman screening design to the modeling of grafted alginate-carrageenan beads for the immobilization of penicillin G acylase. Journal of Applied Polymer Science, 2014, 131, .	1.3	11
13	Whey protein isolate for the preparation of covalent immobilization beads. Biocatalysis and Agricultural Biotechnology, 2018, 14, 328-337.	1.5	11
14	Mechanically stable egg white protein based immobilization carrier for β -D-galactosidase: Thermodynamics and application in whey lactose hydrolysis. Reactive and Functional Polymers, 2020, 155, 104696.	2.0	10
15	Chitosan-glutaraldehyde activated carrageenan-alginate beads for β -D-galactosidase covalent immobilisation. Biocatalysis and Biotransformation, 2021, 39, 138-151.	1.1	9
16	Carrageenan stabilized calcium pectinate beads and their utilization as immobilization matrices. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102078.	1.5	9
17	Soy protein isolate for enzymes bio-conjugation. Biocatalysis and Agricultural Biotechnology, 2022, 43, 102390.	1.5	5
18	Thermostabilization of <i>Aspergillus oryzae</i> β -D-galactosidase. Biotechnology and Applied Biochemistry, 2016, 63, 546-552.	1.4	4

#	ARTICLE	IF	CITATIONS
19	Calcium pectinate-agar beads as improved carriers for β -D-galactosidase and their thermodynamics investigation. 3 Biotech, 2020, 10, 356.	1.1	3
20	Immobilization impact of GEG-Alg-SPI as a carrier for <i>Aspergillus niger</i> MK981235 inulinase: Kinetics, thermodynamics, and application. Bioresource Technology Reports, 2022, 18, 101099.	1.5	3
21	Stabilization of <i>Arthrobacter viscosus</i> Penicillin G Acylase. Journal of Colloid Science and Biotechnology, 2013, 2, 315-321.	0.2	1
22	Recent Insights on Chitosan's Applications. Egyptian Journal of Chemistry, 2019, .	0.1	0