

M Saleemuddin

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42
papers

896
citations

19
h-index

29
g-index

42
ext. papers

925
ext. citations

4.2
avg, IF

3.62
L-index

#	Paper	IF	Citations
42	Concanavalin A: a useful ligand for glycoenzyme immobilization--a review. <i>Enzyme and Microbial Technology</i> , 1991 , 13, 290-5	3.8	94
41	Purification and characterization of three alkaline proteases from the gut of the larva of army worm, <i>Spodoptera litura</i> . <i>Insect Biochemistry</i> , 1980 , 10, 667-673		68
40	Purification and properties of isocitrate lyase from flax seedlings. <i>Archives of Biochemistry and Biophysics</i> , 1977 , 183, 13-23	4.1	47
39	Alkaline protease from <i>Spilosoma obliqua</i> : potential applications in bio-formulations. <i>Biotechnology and Applied Biochemistry</i> , 2000 , 31, 85-9	2.8	45
38	Bioaffinity layering: a novel strategy for the immobilization of large quantities of glycoenzymes. <i>Journal of Biotechnology</i> , 1997 , 55, 171-9	3.7	44
37	A partially folded state of ovalbumin at low pH tends to aggregate. <i>Cell Biochemistry and Biophysics</i> , 2011 , 59, 29-38	3.2	40
36	Entrapment of concanavalin A-glycoenzyme complexes in calcium alginate gels. <i>Biotechnology and Bioengineering</i> , 1985 , 27, 1102-7	4.9	40
35	Trifluoroethanol-induced "molten globule" state in stem bromelain. <i>Archives of Biochemistry and Biophysics</i> , 2003 , 413, 199-206	4.1	36
34	Bioaffinity based immobilization of enzymes. <i>Advances in Biochemical Engineering/Biotechnology</i> , 1999 , 64, 203-26	1.7	31
33	A simple, rapid, and sensitive procedure for the assay of endoproteases using Coomassie brilliant blue G-250. <i>Analytical Biochemistry</i> , 1980 , 105, 202-6	3.1	31
32	Immobilization and stabilization of invertase on <i>Cajanus cajan</i> lectin support. <i>Bioresource Technology</i> , 2001 , 79, 121-7	11	30
31	Preparation of stable, highly active and immobilized glucose oxidase using the anti-enzyme antibodies and F(ab) ₂ . <i>Biotechnology and Applied Biochemistry</i> , 2001 , 34, 13-7	2.8	27
30	Alkaline protease in the larvae of the army worm, <i>Spodoptera litura</i> . <i>Insect Biochemistry</i> , 1976 , 6, 501-505		27
29	Activity and stability of glucose oxidase and invertase immobilized on Concanavalin A sepharose: Influence of lectin concentrations. <i>Biotechnology and Bioengineering</i> , 1983 , 25, 3191-5	4.9	26
28	The appearance and decline of isocitrate lyase in flax seedlings. <i>Journal of Biological Chemistry</i> , 1979 , 254, 6938-44	5.4	25
27	Application of reversible immobilization techniques for biosensors. <i>Analytica Chimica Acta</i> , 1998 , 368, 197-203	6.6	21
26	The appearance and decline of isocitrate lyase in flax seedlings.. <i>Journal of Biological Chemistry</i> , 1979 , 254, 6938-6944	5.4	21

25	Oriented immobilization of stem bromelain via the lone histidine on a metal affinity support. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007 , 45, 78-83		20
24	Purification and characterization of a digestive alkaline protease from the larvae of <i>Spilosoma obliqua</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2002 , 51, 1-12	2.3	20
23	Effects of chemical modification on the stability of invertase before and after immobilization. <i>Enzyme and Microbial Technology</i> , 1996 , 18, 275-280	3.8	19
22	Bioaffinity based oriented immobilization of stem bromelain. <i>Biotechnology Letters</i> , 2006 , 28, 917-22	3	18
21	Reversible coupling of glucoenzymes on fluoride-sensitive FET biosensors based on lectin-glucoprotein binding. <i>Biosensors and Bioelectronics</i> , 1996 , 11, 1229-1236	11.8	16
20	Immobilization of glycoenzymes using crude concanavalin A and glutaraldehyde. <i>Enzyme and Microbial Technology</i> , 1986 , 8, 686-690	3.8	16
19	A Coomassie blue-binding assay for the microquantitation of immobilized proteins. <i>Analytical Biochemistry</i> , 1985 , 148, 533-41	3.1	16
18	Immobilization of invertase on sepharose-linked enzyme glycosyl recognizing polyclonal antibodies. <i>Biotechnology and Bioengineering</i> , 1997 , 56, 605-9	4.9	14
17	Binding of antibromelain monomeric Fabd improves the stability of stem bromelain against inactivation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003 , 1646, 131-5	4	14
16	Behaviour of oleic acid-depleted bovine alpha-lactalbumin made LEthal to tumor cells (BAMLET). <i>Molecular BioSystems</i> , 2016 , 12, 1871-80		13
15	Sucrose hydrolysis using invertase immobilized on concanavalin A-sepharose. <i>Enzyme and Microbial Technology</i> , 1985 , 7, 175-178	3.8	12
14	Oleic acid complex of bovine lactalbumin induces eryptosis in human and other erythrocytes by a Ca(2+)-independent mechanism. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015 , 1850, 1729-39	4	11
13	Partially Folded Glycated State of Human Serum Albumin Tends to Aggregate. <i>International Journal of Peptide Research and Therapeutics</i> , 2011 , 17, 271-279	2.1	10
12	Induction of molten globule-like state in acid-denatured state of unmodified preparation of stem bromelain: implications of disulfides in protein folding. <i>International Journal of Biological Macromolecules</i> , 2003 , 33, 167-74	7.9	8
11	A rabbit eye model for in vivo transformation of progenetic metacercariae of <i>Clinostomum complanatum</i> into ovigerous adult worms. <i>Journal of Helminthology</i> , 2014 , 88, 69-73	1.6	6
10	Selective stabilization of a labile mutant form of bovine pancreatic ribonuclease A by antibodies. <i>Biotechnology Letters</i> , 2002 , 24, 1821-1826	3	6
9	Hydrophobic interactions are the prevalent force in bromelain:Fabd complex. <i>Biochemistry (Moscow)</i> , 2006 , 71 Suppl 1, S31-7	2.9	4
8	Augmenting the cytotoxicity of oleic acid-protein complexes: Potential of target-specific antibodies. <i>Biochimie</i> , 2017 , 137, 139-146	4.6	3

7	Additional stabilization of stem bromelain coupled to a thermosensitive polymer by uniform orientation and using polyclonal antibodies. <i>Biochemistry (Moscow)</i> , 2007 , 72, 307-12	2.9	3
6	Regulation of digestive proteolytic activity in the larvae of <i>Spilosoma obliqua</i> (Lep., Arctiidae). <i>Journal of Applied Entomology</i> , 2001 , 125, 577-582	1.7	3
5	Bromophenol blue protein assay: improvement in buffer tolerance and adaptation for the measurement of proteolytic activity. <i>Journal of Proteomics</i> , 1983 , 7, 335-43		3
4	Effect of cycloheximide on germination-induced isocitritase development and decline in intact and excised flax cotyledons. <i>Experientia</i> , 1976 , 32, 551-552		3
3	A detergent-based procedure for the preparation of IgG-like bispecific antibodies in high yield. <i>Scientific Reports</i> , 2016 , 6, 39198	4.9	3
2	Immobilization and stabilization of horseradish peroxidase isoforms. <i>IUBMB Life</i> , 1996 , 40, 1-11	4.7	1
1	Acid pH promotes bispecific antibody formation by the redox procedure. <i>International Journal of Biological Macromolecules</i> , 2019 , 125, 469-477	7.9	1