

# M Saleemuddin

## List of Publications by Year in descending order

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42  
papers

1,026  
citations

331259

21  
h-index

433756

31  
g-index

42  
all docs

42  
docs citations

42  
times ranked

812  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concanavalin A: A useful ligand for glycoenzyme immobilization—A review. <i>Enzyme and Microbial Technology</i> , 1991, 13, 290-295.	1.6	106
2	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.	1.8	72
3	Alkaline protease from <i>Spilosoma obliqua</i> : potential applications in bio-formulations. <i>Biotechnology and Applied Biochemistry</i> , 2000, 31, 85.	1.4	63
4	Purification and properties of isocitrate lyase from flax seedlings. <i>Archives of Biochemistry and Biophysics</i> , 1977, 183, 13-23.	1.4	55
5	Bioaffinity layering: A novel strategy for the immobilization of large quantities of glycoenzymes. <i>Journal of Biotechnology</i> , 1997, 55, 171-179.	1.9	48
6	Bioaffinity Based Immobilization of Enzymes. <i>Advances in Biochemical Engineering/Biotechnology</i> , 1999, 64, 203-226.	0.6	48
7	A Partially Folded State of Ovalbumin at Low pH Tends to Aggregate. <i>Cell Biochemistry and Biophysics</i> , 2011, 59, 29-38.	0.9	44
8	Entrapment of concanavalin A-glycoenzyme complexes in calcium alginate gels. <i>Biotechnology and Bioengineering</i> , 1985, 27, 1102-1107.	1.7	42
9	Trifluoroethanol-induced “molten globule” state in stem bromelain. <i>Archives of Biochemistry and Biophysics</i> , 2003, 413, 199-206.	1.4	38
10	A simple, rapid, and sensitive procedure for the assay of endoproteases using coomassie brilliant blue G-250. <i>Analytical Biochemistry</i> , 1980, 105, 202-206.	1.1	35
11	Immobilization and stabilization of invertase on <i>Cajanus cajan</i> lectin support. <i>Bioresource Technology</i> , 2001, 79, 121-127.	4.8	31
12	Preparation of stable, highly active and immobilized glucose oxidase using the anti-enzyme antibodies and F(ab) <sup>2</sup> . <i>Biotechnology and Applied Biochemistry</i> , 2001, 34, 13.	1.4	30
13	Alkaline protease in the larvae of the army worm, <i>Spodoptera litura</i> . <i>Insect Biochemistry</i> , 1976, 6, 501-505.	1.8	28
14	Activity and stability of glucose oxidase and invertase immobilized on Concanavalin A sepharose: Influence of lectin concentrations. <i>Biotechnology and Bioengineering</i> , 1983, 25, 3191-3195.	1.7	27
15	The appearance and decline of isocitrate lyase in flax seedlings.. <i>Journal of Biological Chemistry</i> , 1979, 254, 6938-6944.	1.6	25
16	The appearance and decline of isocitrate lyase in flax seedlings. <i>Journal of Biological Chemistry</i> , 1979, 254, 6938-44.	1.6	25
17	Effects of chemical modification on the stability of invertase before and after immobilization. <i>Enzyme and Microbial Technology</i> , 1996, 18, 275-280.	1.6	24
18	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.	1.8	23

#	ARTICLE	IF	CITATIONS
19	Application of reversible immobilization techniques for biosensors. <i>Analytica Chimica Acta</i> , 1998, 368, 197-203.	2.6	22
20	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.	0.6	22
21	Immobilization of glycoenzymes using crude concanavalin A and glutaraldehyde. <i>Enzyme and Microbial Technology</i> , 1986, 8, 686-690.	1.6	21
22	Oleic acid complex of bovine $\alpha$ -lactalbumin induces eryptosis in human and other erythrocytes by a Ca <sup>2+</sup> -independent mechanism. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 1729-1739.	1.1	20
23	Bioaffinity Based Oriented Immobilization of Stem Bromelain. <i>Biotechnology Letters</i> , 2006, 28, 917-922.	1.1	19
24	A coomassie blue-binding assay for the microquantitation of immobilized proteins. <i>Analytical Biochemistry</i> , 1985, 148, 533-541.	1.1	18
25	Reversible coupling of glucoenzymes on fluoride-sensitive FET biosensors based on lectin-glucoprotein binding. <i>Biosensors and Bioelectronics</i> , 1996, 11, 1229-1236.	5.3	17
26	Immobilization of invertase on sepharose-linked enzyme glycosyl recognizing polyclonal antibodies. , 1997, 56, 605-609.		17
27	Binding of antibromelain monomeric Fab <sup>2</sup> improves the stability of stem bromelain against inactivation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003, 1646, 131-135.	1.1	15
28	Behaviour of oleic acid-depleted bovine alpha-lactalbumin made LEthal to tumor cells (BAMLET). <i>Molecular BioSystems</i> , 2016, 12, 1871-1880.	2.9	15
29	Sucrose hydrolysis using invertase immobilized on concanavalin A-sepharose. <i>Enzyme and Microbial Technology</i> , 1985, 7, 175-178.	1.6	13
30	Partially Folded Glycated State of Human Serum Albumin Tends to Aggregate. <i>International Journal of Peptide Research and Therapeutics</i> , 2011, 17, 271-279.	0.9	13
31	Induction of $\alpha$ -molten globule <sup>TM</sup> 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, 167-174.	3.6	9
32	Selective stabilization of a labile mutant form of bovine pancreatic ribonuclease A by antibodies. <i>Biotechnology Letters</i> , 2002, 24, 1821-1826.	1.1	7
33	A rabbit eye model for <i>in vivo</i> transformation of progenetic metacercariae of <i>Clinostomum complanatum</i> into ovigerous adult worms. <i>Journal of Helminthology</i> , 2014, 88, 69-73.	0.4	6
34	A detergent-based procedure for the preparation of IgG-like bispecific antibodies in high yield. <i>Scientific Reports</i> , 2016, 6, 39198.	1.6	6
35	Hydrophobic interactions are the prevalent force in bromelain:Fab <sup>TM</sup> complex. <i>Biochemistry (Moscow)</i> , 2006, 71, S31-S37.	0.7	5
36	Effect of cycloheximide on germination-induced isocitritase development and decline in intact and excised flax cotyledons. <i>Experientia</i> , 1976, 32, 551-552.	1.2	3

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37	Bromophenol blue protein assay: Improvement in buffer tolerance and adaptation for the measurement of proteolytic activity. <i>Journal of Proteomics</i> , 1983, 7, 335-343.	2.4	3
38	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.	0.8	3
39	Additional stabilization of stem bromelain coupled to a thermosensitive polymer by uniform orientation and using polyclonal antibodies. <i>Biochemistry (Moscow)</i> , 2007, 72, 307-312.	0.7	3
40	Augmenting the cytotoxicity of oleic acid-protein complexes: Potential of target-specific antibodies. <i>Biochimie</i> , 2017, 137, 139-146.	1.3	3
41	Immobilization and stabilization of horseradish peroxidase isoforms. <i>IUBMB Life</i> , 1996, 40, 1-11.	1.5	1
42	Acid pH promotes bispecific antibody formation by the redox procedure. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 469-477.	3.6	1