

# Arvind M Kayastha

## List of Publications by Year in descending order

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122  
papers

2,972  
citations

147801

31  
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214800

47  
g-index

126  
all docs

126  
docs citations

126  
times ranked

2985  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current and future trends on polymer-based enzyme immobilization. , 2021, , 1-25.		0
2	Interactions Between Amyloid- $\beta$ (1-42) and Hydroxyapatite-Cholesterol Spherules Associated with Age-Related Macular Degeneration. Protein Journal, 2021, 40, 849-856.	1.6	0
3	Biophysical Investigation of the Interplay between the Conformational Species of Domain-Swapped GB1 Amyloid Mutant through Real-Time Monitoring of Amyloid Fibrillation. ACS Omega, 2021, 6, 34359-34366.	3.5	1
4	Immobilization of fenugreek $\beta$ -amylase onto functionalized tungsten disulfide nanoparticles using response surface methodology: Its characterization and interaction with maltose and sucrose. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110600.	5.0	7
5	In Silico Analysis of New Potent Anti-hyperglycemic Molecule for Diabetes Type 2 Management. International Journal of Peptide Research and Therapeutics, 2020, 26, 1031-1042.	1.9	0
6	Nanoparticles decorated carbon nanotubes as novel matrix: A comparative study of influences of immobilization on the catalytic properties of Lens culinaris $\beta$ -galactosidase (Lc $\beta$ -gal). International Journal of Biological Macromolecules, 2020, 144, 770-780.	7.5	8
7	An NMR based panorama of the heterogeneous biology of acute respiratory distress syndrome (ARDS) from the standpoint of metabolic biomarkers. NMR in Biomedicine, 2020, 33, e4192.	2.8	7
8	Lens culinaris $\beta$ -galactosidase (Lsbgal): Insights into its purification, biochemical characterization and trisaccharides synthesis. Bioorganic Chemistry, 2020, 95, 103543.	4.1	6
9	Immobilization of fenugreek $\beta$ -amylase onto functionalized graphene quantum dots (GQDs) using Box-Behnken design: Its biochemical, thermodynamic and kinetic studies. International Journal of Biological Macromolecules, 2020, 144, 170-182.	7.5	34
10	Interactions between hydroxyapatite and cholesterol associated with calcification in age-related macular degeneration. Biophysical Chemistry, 2020, 265, 106430.	2.8	6
11	Identification and characterization of Dicer-like genes in leaf rust pathogen (Puccinia triticina) of wheat. Functional and Integrative Genomics, 2020, 20, 711-721.	3.5	5
12	Denaturant Induced Equilibrium Unfolding and Conformational Transitional Studies of Germinated Fenugreek $\beta$ -Amylase Revealed Molten Globule like State at Low pH. Protein and Peptide Letters, 2020, 27, 1046-1057.	0.9	0
13	Nitrogen Doped Carbon Quantum Dots Modified by Lens culinaris $\beta$ -Galactosidase as a Fluorescent Probe for Detection of Lactose. Journal of Fluorescence, 2019, 29, 1213-1219.	2.5	6
14	Carbon nanotubes molybdenum disulfide 3D nanocomposite as novel nanoscaffolds to immobilize Lens culinaris $\beta$ -galactosidase (Lsbgal): Robust stability, reusability, and effective bioconversion of lactose in whey. Food Chemistry, 2019, 297, 125005.	8.2	18
15	Biochemical and thermodynamic characterization of de novo synthesized $\beta$ -amylase from fenugreek. International Journal of Biological Macromolecules, 2019, 130, 786-797.	7.5	9
16	Wastewater remediation via combo-technology. , 2019, , 91-126.		1
17	Immobilization of Urease on DEAE-Cellulose Strips for One Step Urea Detection. Annals of the National Academy of Medical Sciences (India), 2019, 55, 024-027.	0.3	1
18	Discovery and profiling of small RNAs from Puccinia triticina by deep sequencing and identification of their potential targets in wheat. Functional and Integrative Genomics, 2019, 19, 391-407.	3.5	37

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19	Enzymatic hydrolysis of native granular starches by a new $\alpha$ -amylase from peanut ( <i>Arachis hypogaea</i> ). <i>Food Chemistry</i> , 2019, 276, 583-590.	8.2	31
20	An antioxidant rich novel $\alpha$ -amylase from peanuts ( <i>Arachis hypogaea</i> ): Its purification, biochemical characterization and potential applications. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 148-157.	7.5	13
21	QPRase modified N-doped carbon quantum dots: A fluorescent bioprobe for selective detection of neurotoxin quinolinic acid in human serum. <i>Biosensors and Bioelectronics</i> , 2018, 101, 103-109.	10.1	35
22	Covalent immobilization of peanut $\alpha$ -amylase for producing industrial nano-biocatalysts: A comparative study of kinetics, stability and reusability of the immobilized enzyme. <i>Food Chemistry</i> , 2018, 245, 488-499.	8.2	69
23	Comparative Characterization of Peanut $\alpha$ -Amylase Immobilization onto Graphene Oxide and Graphene Oxide Carbon Nanotubes by Solid-State NMR. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19259-19265.	3.1	11
24	Purification, biochemical characterization and Insilico modeling of $\alpha$ -amylase from <i>Vicia faba</i> . <i>Journal of Molecular Liquids</i> , 2017, 234, 133-141.	4.9	10
25	Covalent immobilization of $\alpha$ -amylase onto functionalized molybdenum sulfide nanosheets, its kinetics and stability studies: A gateway to boost enzyme application. <i>Chemical Engineering Journal</i> , 2017, 328, 215-227.	12.7	74
26	Excellent storage stability and sensitive detection of neurotoxin quinolinic acid. <i>Biosensors and Bioelectronics</i> , 2017, 90, 224-229.	10.1	15
27	Ultra fast magic angle spinning solid $^{13}\text{C}$ state NMR spectroscopy of intact bone. <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 132-135.	1.9	24
28	Heat, Acid and Chemically Induced Unfolding Pathways, Conformational Stability and Structure-Function Relationship in Wheat $\alpha$ -Amylase. <i>PLoS ONE</i> , 2015, 10, e0129203.	2.5	17
29	$\alpha$ -Amylase immobilization onto functionalized graphene nanosheets as scaffolds: Its characterization, kinetics and potential applications in starch based industries. <i>Biochemistry and Biophysics Reports</i> , 2015, 3, 18-25.	1.3	27
30	Partially reduced graphene oxide "gold" nanorods composite based bioelectrode of improved sensing performance. <i>Talanta</i> , 2015, 144, 745-754.	5.5	22
31	Immobilisation of Fenugreek $\alpha$ -amylase on chitosan/PVP blend and chitosan coated PVC beads: A comparative study. <i>Food Chemistry</i> , 2015, 172, 844-851.	8.2	24
32	Metabolic profiling of human lung injury by 1H high-resolution nuclear magnetic resonance spectroscopy of blood serum. <i>Metabolomics</i> , 2015, 11, 166-174.	3.0	24
33	Functionalized Graphene Sheets As Immobilization Matrix for Fenugreek $\alpha$ -Amylase: Enzyme Kinetics and Stability Studies. <i>PLoS ONE</i> , 2014, 9, e113408.	2.5	39
34	Bioinformatics for Legume Genomics Research. , 2014, , 249-275.		2
35	Cicer $\alpha$ -galactosidase immobilization onto functionalized graphene nanosheets using response surface method and its applications. <i>Food Chemistry</i> , 2014, 142, 430-438.	8.2	79
36	$\alpha$ -Amylase from wheat ( <i>Triticum aestivum</i> ) seeds: Its purification, biochemical attributes and active site studies. <i>Food Chemistry</i> , 2014, 162, 1-9.	8.2	38

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37	Identification of active site residues of Fenugreek $\alpha$ -amylase: Chemical modification and in silico approach. <i>Plant Physiology and Biochemistry</i> , 2014, 83, 217-224.	5.8	3
38	Optimal immobilization of $\alpha$ -amylase from wheat ( <i>Triticum aestivum</i> ) onto DEAE-cellulose using response surface methodology and its characterization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 104, 75-81.	1.8	37
39	$\alpha$ -Amylase from Starchless Seeds of <i>Trigonella Foenum-Graecum</i> and Its Localization in Germinating Seeds. <i>PLoS ONE</i> , 2014, 9, e88697.	2.5	28
40	A novel application of Cicer $\alpha$ -galactosidase in reduction of raffinose family oligosaccharides in soybean flour. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2013, 22, 353-356.	1.7	17
41	Evidence for a Molten Globule State in Cicer $\alpha$ -Galactosidase Induced by pH, Temperature, and Guanidine Hydrochloride. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 2315-2325.	2.9	12
42	Purification and Characterization of $\alpha$ -Galactosidase from White Chickpea ( <i>Cicer arietinum</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3253-3259.	5.2	31
43	Cicer $\alpha$ -galactosidase immobilization onto chitosan and Amberlite MB-150: optimization, characterization, and its applications. <i>Carbohydrate Research</i> , 2012, 358, 61-66.	2.3	27
44	Immobilization of $\alpha$ -Galactosidase onto Functionalized Graphene Nano-sheets Using Response Surface Methodology and Its Analytical Applications. <i>PLoS ONE</i> , 2012, 7, e40708.	2.5	79
45	$\alpha$ -Amylase: General Properties, Mechanism and Biotechnological Applications - A Review. <i>Current Biotechnology</i> , 2012, 1, 98-107.	0.4	13
46	Immobilization of $\alpha$ -amylase from germinated mung beans ( <i>Vigna radiata</i> ) on Fuller's earth by adsorption. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2012, 21, 229-234.	1.7	3
47	$\alpha$ -Galactosidase from chick pea ( <i>Cicer arietinum</i> ) seeds: Its purification, biochemical properties and industrial applications. <i>Food Chemistry</i> , 2012, 134, 1113-1122.	8.2	30
48	Optimisation of immobilisation conditions for chick pea $\alpha$ -galactosidase (CpGAL) to alkylamine glass using response surface methodology and its applications in lactose hydrolysis. <i>Food Chemistry</i> , 2012, 134, 1650-1657.	8.2	55
49	Thermal, Chemical and pH Induced Denaturation of a Multimeric $\alpha$ -Galactosidase Reveals Multiple Unfolding Pathways. <i>PLoS ONE</i> , 2012, 7, e50380.	2.5	95
50	Studies of Histidine Residues in Soybean ( <i>Glycine max</i> ) Urease. <i>Protein and Peptide Letters</i> , 2012, 19, 657-662.	0.9	0
51	Response surface analysis of nano-ureases from <i>Canavalia ensiformis</i> and <i>Cajanus cajan</i> . <i>International Journal of Biological Macromolecules</i> , 2011, 49, 674-680.	7.5	8
52	Structural Stability of Soybean ( <i>Glycine max</i> ) $\alpha$ -Amylase: Properties of the Unfolding Transition Studied with Fluorescence and CD Spectroscopy. <i>Protein and Peptide Letters</i> , 2011, 18, 253-260.	0.9	7
53	Immobilization of soybean ( <i>Glycine max</i> ) $\alpha$ -amylase onto Chitosan and Amberlite MB-150 beads: Optimization and characterization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 69, 8-14.	1.8	97
54	Guanidine hydrochloride and urea-induced unfolding of <i>Brugia malayi</i> hexokinase. <i>European Biophysics Journal</i> , 2010, 39, 289-297.	2.2	17

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55	The effect of calcium binding on the unfolding barrier: A kinetic study on homologous $\alpha$ -amylases. <i>Biophysical Chemistry</i> , 2010, 151, 54-60.	2.8	21
56	$\alpha$ -Amylase from germinating soybean ( <i>Glycine max</i> ) seeds – Purification, characterization and sequential similarity of conserved and catalytic amino acid residues. <i>Phytochemistry</i> , 2010, 71, 1657-1666.	2.9	46
57	Soybean ( <i>Glycine max</i> ) urease: Significance of sulfhydryl groups in urea catalysis. <i>Plant Physiology and Biochemistry</i> , 2010, 48, 746-750.	5.8	15
58	Insights into pH-Induced Conformational Transition of $\beta$ -Galactosidase from <i>Pisum sativum</i> Leading to its Multimerization. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 2294-2312.	2.9	7
59	Inhibition studies of soybean ( <i>Glycine max</i> ) urease with heavy metals, sodium salts of mineral acids, boric acid, and boronic acids. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 646-652.	5.2	26
60	Plant $\beta$ -Galactosidases: Physiological Significance and Recent Advances in Technological Applications. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2010, 19, 9-20.	1.7	20
61	Immobilization of soybean ( <i>Glycine max</i> ) urease on alginate and chitosan beads showing improved stability: Analytical applications. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 58, 138-145.	1.8	105
62	Optimal immobilization of $\beta$ -galactosidase from Pea ( <i>PsBGAL</i> ) onto Sephadex and chitosan beads using response surface methodology and its applications. <i>Bioresource Technology</i> , 2009, 100, 2667-2675.	9.6	88
63	Lactose nano-probe optimized using response surface methodology. <i>Biosensors and Bioelectronics</i> , 2009, 25, 784-790.	10.1	45
64	Stabilization of $\beta$ -Galactosidase (from Peas) by Immobilization onto Amberlite MB-150 Beads and Its Application in Lactose Hydrolysis. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 682-688.	5.2	54
65	A $\beta$ -Galactosidase from Pea Seeds ( <i>PsBGAL</i> ): Purification, Stabilization, Catalytic Energetics, Conformational Heterogeneity, and Its Significance. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 7086-7096.	5.2	18
66	Conformational stability and integrity of $\alpha$ -amylase from mung beans: Evidence of kinetic intermediate in GdmCl-induced unfolding. <i>Biophysical Chemistry</i> , 2008, 137, 95-99.	2.8	22
67	Trehalose-Producing Enzymes MTSase and MTHase in <i>Anabaena</i> 7120 Under NaCl Stress. <i>Current Microbiology</i> , 2008, 56, 429-435.	2.2	10
68	Molecular cloning and characterization of <i>Brugia malayi</i> hexokinase. <i>Parasitology International</i> , 2008, 57, 354-361.	1.3	27
69	Purification and Characterization of a Novel Protease from the Latex of <i>Pedilanthus tithymaloides</i> . <i>Protein and Peptide Letters</i> , 2008, 15, 1009-1016.	0.9	8
70	$\alpha$ -Amylase from mung beans ( <i>Vigna radiata</i> ) – Correlation of biochemical properties and tertiary structure by homology modelling. <i>Phytochemistry</i> , 2007, 68, 1623-1631.	2.9	39
71	Immobilization of $\alpha$ -amylase from mung beans ( <i>Vigna radiata</i> ) on Amberlite MB 150 and chitosan beads: A comparative study. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007, 49, 69-74.	1.8	80
72	Immobilization of Urease from Pigeonpea ( <i>Cajanus cajan</i> ) on Agar Tablets and Its Application in Urea Assay. <i>Applied Biochemistry and Biotechnology</i> , 2007, 142, 291-297.	2.9	28

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73	Kinetics and diffusion studies in urease-alginate biocatalyst beads. <i>Oriental Pharmacy and Experimental Medicine</i> , 2007, 7, 79-84.	1.2	4
74	Boric acid and boronic acids inhibition of pigeonpea urease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2006, 21, 467-470.	5.2	22
75	Antibacterial potential of $\hat{1}^3$ -linolenic acid from <i>Fischerella</i> sp. colonizing Neem tree bark. <i>World Journal of Microbiology and Biotechnology</i> , 2006, 22, 443-448.	3.6	31
76	Improved stability of urease upon coupling to alkylamine and arylamine glass and its analytical use. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2006, 38, 104-112.	1.8	37
77	Effect of Organic Solvents on the Molten Globule State of Procerain: $\hat{9}46$ ; -Sheet to $\hat{9}45$ ; -Helix Switchover in Presence of Trifluoroethanol. <i>Protein and Peptide Letters</i> , 2006, 13, 545-547.	0.9	14
78	Purification and characterization of an allosteric fructose-1,6-bisphosphate aldolase from germinating mung beans ( <i>Vigna radiata</i> ). <i>Phytochemistry</i> , 2005, 66, 968-974.	2.9	15
79	Solid state potentiometric sensor for the estimation of tributyrin and urea. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 418-423.	7.8	44
80	Fabrication of a Potentiometric/Amperometric Bifunctional Enzyme Microbiosensor. <i>Analytical Chemistry</i> , 2005, 77, 5063-5067.	6.5	15
81	Response of Garden Pea to Nickel Toxicity. <i>Journal of Plant Nutrition</i> , 2005, 27, 1543-1560.	1.9	8
82	Identification of maltooligosyltrehalose synthase and maltooligosyltrehalose trehalohydrolase enzymes catalysing trehalose biosynthesis in <i>Anabaena</i> 7120 exposed to NaCl stress. <i>Journal of Plant Physiology</i> , 2005, 162, 1030-1037.	3.5	13
83	Spectroscopic Characterization Of <i>Phaseolus Vulgaris</i> Leucoagglutinin. <i>Protein and Peptide Letters</i> , 2004, 11, 1-7.	0.9	13
84	Immobilization of pigeonpea ( <i>Cajanus cajan</i> ) urease on DEAE-cellulose paper strips for urea estimation. <i>Biotechnology and Applied Biochemistry</i> , 2004, 39, 323-327.	3.1	49
85	Unfolding and refolding of Leucoagglutinin (PHA-L), an oligomeric lectin from kidney beans ( <i>Phaseolus vulgaris</i> ). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1674, 40-49.	2.4	14
86	Molecular Asymmetry in Pigeonpea Urease: pH Inactivation Studies. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2003, 12, 49-51.	1.7	2
87	Purification and characterization of a thermostable $\hat{2}$ -Galactosidase from kidney beans ( <i>Phaseolus</i> ) Tj ETQq1 1 0.784314 rgBT <sub>29</sub> /Overlock	3.5	29
88	Purification and characterization of urease from dehusked pigeonpea ( <i>Cajanus cajan</i> L.) seeds. <i>Phytochemistry</i> , 2002, 61, 513-521.	2.9	80
89	Plant Pyruvate Kinase. <i>Biologia Plantarum</i> , 2002, 45, 1-10.	1.9	48
90	Kinetics of Inhibition and Molecular Asymmetry in Pigeonpea ( <i>Cajanus cajan</i> ) Urease. <i>Journal of Biochemistry, Molecular Biology, and Biophysics: JBMBB: the Official Journal of the Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB)</i> , 2002, 6, 1-6.	0.4	9

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91	Thermal Stability of Phaseolus vulgaris Leucoagglutinin: a Differential Scanning Calorimetry Study. BMB Reports, 2002, 35, 472-475.	2.4	17
92	Induction of Chitinase and $\beta$ -1,3-glucanase in Resistant and Susceptible Wheat Lines Following Infection with Alternaria triticina. Journal of Plant Biochemistry and Biotechnology, 2001, 10, 71-74.	1.7	3
93	Response of Rhizobium leguminosarum to nickel stress. World Journal of Microbiology and Biotechnology, 2001, 17, 667-672.	3.6	16
94	Pigeonpea (Cajanus cajan L.) Urease Immobilized on Glutaraldehyde-Activated Chitosan Beads and Its Analytical Applications. Applied Biochemistry and Biotechnology, 2001, 96, 041-054.	2.9	51
95	Characterization of gelatin-immobilized pigeonpea urease and preparation of a new urea biosensor. Biotechnology and Applied Biochemistry, 2001, 34, 55.	3.1	76
96	Studies on the histidine residues in pigeonpea (Cajanus cajan L.) urease. Journal of Molecular Catalysis B: Enzymatic, 2001, 16, 81-89.	1.8	8
97	The Role of Peroxidase and Polyphenol Oxidase Isozymes in Wheat Resistance to Alternaria triticina. Biologia Plantarum, 2000, 43, 559-562.	1.9	18
98	Significance of sulfhydryl groups in the activity of urease from pigeonpea (Cajanus cajan L.) seeds. Plant Science, 2000, 159, 149-158.	3.6	35
99	A simple laboratory experiment for teaching enzyme immobilization with urease and its application in blood urea estimation. Biochemical Education, 1999, 27, 114-117.	0.1	34
100	Metal Uptake and Thiol Production in Spirodela polyrhiza (L.) SP20. Journal of Plant Physiology, 1999, 154, 634-640.	3.5	7
101	Title is missing!. World Journal of Microbiology and Biotechnology, 1998, 14, 927-929.	3.6	22
102	The Role of Phenolics and Peroxidase in Resistance to Alternaria triticina in Bread Wheat (Triticum) Tj ETQq0 0 0 rgBT_/Overlock 10 Tf 50	3.5	7
103	Kinetics of Thermal Inactivation and Molecular Asymmetry of Urease from Dehusked Pigeonpea (Cajanus cajan L.) Seeds. Journal of Plant Biochemistry and Biotechnology, 1998, 7, 121-124.	1.7	10
104	Immobilization of Urease from Pigeonpea (Cajanus cajan L.) in Polyacrylamide Gels and Calcium Alginate Beads. Biotechnology and Applied Biochemistry, 1998, 27, 25-29.	3.1	50
105	Interactions of aldolase and glyceraldehyde-3-phosphate dehydrogenase: molecular mass studies. IUBMB Life, 1997, 42, 507-515.	3.4	0
106	Enzyme entrapped inside the reversed micelle in the fabrication of a new urea sensor. , 1997, 54, 329-332.		29
107	Application of short column gel permeation in the study of protein-protein interactions. Journal of Proteomics, 1996, 31, 23-30.	2.4	1
108	An assay procedure for determining the rate of an enzyme reaction lacking an optical signal: validity of coupled enzyme assays. Biochemical Education, 1996, 24, 56-59.	0.1	4

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109	Volume 227, No. 1/2. FEBS Journal, 1995, 228, 1030-1030.	0.2	0
110	Phosphoglycerate-kinase-glyceraldehyde-3-phosphate-dehydrogenase Interaction. Molecular Mass Studies. FEBS Journal, 1995, 227, 556-562.	0.2	12
111	Advances in the molecular recognition of DNA " A step towards therapeutic drug design. Biochemical Education, 1995, 23, 56-64.	0.1	1
112	Mechanism of DNA-drug interactions. Applied Biochemistry and Biotechnology, 1994, 47, 39-55.	2.9	5
113	Protein engineering a novel way to elucidate structure " function relationships. Biochemical Education, 1993, 21, 59-66.	0.1	0
114	Substrate-Induced Stability of Glyceraldehyde 3-Phosphate Dehydrogenase from Mung Beans ( <i>Vigna</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.8	4
115	Substitution of glutamic acid 109 by aspartic acid alters the substrate specificity and catalytic activity of the .beta.-subunit in the tryptophan synthase bienzyme complex from <i>Salmonella typhimurium</i> . Biochemistry, 1992, 31, 1180-1190.	2.5	70
116	Metabolite channelling in tryptophan synthase. Journal of Theoretical Biology, 1992, 158, 133-134.	1.7	4
117	Biotechnology programme at Banaras Hindu University, India. Biochemical Education, 1992, 20, 103-105.	0.1	0
118	Determination of accessible bed volume of gels by short column filtration. Biochemical Education, 1992, 20, 116-118.	0.1	14
119	Amperometric enzyme sensor for glucose based on graphite paste-modified electrodes. Applied Biochemistry and Biotechnology, 1992, 33, 139-144.	2.9	37
120	A colorimetric assay for a pyridoxal phosphate-dependent Î²-replacement reaction with l-cysteine: Application to studies of wild-type and mutant tryptophan synthase Î±2Î²2 complexes. Analytical Biochemistry, 1991, 193, 200-203.	2.4	10
121	Isolation and Characterization of Phospho<i>enol</i>pyruvate Phosphatase from Germinating Mung Beans (<i>Vigna radiata</i>). Plant Physiology, 1990, 93, 194-200.	4.8	15
122	Chemical inactivation and active site groups of phosphoenolpyruvate-phosphatase from germinating mung beans ( <i>Vigna radiata</i> ). Plant Science, 1989, 65, 161-170.	3.6	8