

Poonam Nigam

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153
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50
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163
ext. papers

18,331
ext. citations

5.8
avg, IF

6.74
L-index

#	Paper	IF	Citations
153	Remediation of dyes in textile effluent: a critical review on current treatment technologies with a proposed alternative. <i>Bioresource Technology</i> , 2001 , 77, 247-55	11	3575
152	Production of liquid biofuels from renewable resources. <i>Progress in Energy and Combustion Science</i> , 2011 , 37, 52-68	33.6	1417
151	Microbial decolorization of textile-dyecontaining effluents: A review. <i>Bioresource Technology</i> , 1996 , 58, 217-227	11	1359
150	Biotechnological potential of agro-industrial residues. I: sugarcane bagasse. <i>Bioresource Technology</i> , 2000 , 74, 69-80	11	797
149	Microbial decolourisation and degradation of textile dyes. <i>Applied Microbiology and Biotechnology</i> , 2001 , 56, 81-7	5.7	649
148	Advances in microbial amylases. <i>Biotechnology and Applied Biochemistry</i> , 2000 , 31, 135-52	2.8	612
147	Renewable fuels from algae: an answer to debatable land based fuels. <i>Bioresource Technology</i> , 2011 , 102, 10-6	11	493
146	Physical removal of textile dyes from effluents and solid-state fermentation of dye-adsorbed agricultural residues. <i>Bioresource Technology</i> , 2000 , 72, 219-226	11	486
145	Removal of dyes from a synthetic textile dye effluent by biosorption on apple pomace and wheat straw. <i>Water Research</i> , 2002 , 36, 2824-30	12.5	441
144	Bioelectrochemical systems (BES) for sustainable energy production and product recovery from organic wastes and industrial wastewaters. <i>RSC Advances</i> , 2012 , 2, 1248-1263	3.7	397
143	A response surface approach for the comparison of lipase production by <i>Candida cylindracea</i> using two different carbon sources. <i>Biochemical Engineering Journal</i> , 2001 , 9, 17-23	4.2	394
142	Mechanism and challenges in commercialisation of algal biofuels. <i>Bioresource Technology</i> , 2011 , 102, 26-34	11	345
141	Biotechnological potential of coffee pulp and coffee husk for bioprocesses. <i>Biochemical Engineering Journal</i> , 2000 , 6, 153-162	4.2	308
140	Biotechnological potential of agro-industrial residues. II: cassava bagasse. <i>Bioresource Technology</i> , 2000 , 74, 81-87	11	290
139	Microbial process for the decolorization of textile effluent containing azo, diazo and reactive dyes. <i>Process Biochemistry</i> , 1996 , 31, 435-442	4.8	287
138	Enzyme and microbial systems involved in starch processing. <i>Enzyme and Microbial Technology</i> , 1995 , 17, 770-778	3.8	215
137	Solid-state fermentation: a promising microbial technology for secondary metabolite production. <i>Applied Microbiology and Biotechnology</i> , 2001 , 55, 284-9	5.7	183

136	Removal of dyes from an artificial textile dye effluent by two agricultural waste residues, corncob and barley husk. <i>Environment International</i> , 2002 , 28, 29-33	12.9	173
135	Seasonal variation in content, chemical composition and antimicrobial and cytotoxic activities of essential oils from four <i>Mentha</i> species. <i>Journal of the Science of Food and Agriculture</i> , 2010 , 90, 1827-36	4.3	160
134	Microbial enzymes with special characteristics for biotechnological applications. <i>Biomolecules</i> , 2013 , 3, 597-611	5.9	158
133	Isolation of thermotolerant, fermentative yeasts growing at 52°C and producing ethanol at 45°C and 50°C. <i>World Journal of Microbiology and Biotechnology</i> , 1992 , 8, 259-63	4.4	155
132	Review: Ethanol production at elevated temperatures and alcohol concentrations: Part I Yeasts in general. <i>World Journal of Microbiology and Biotechnology</i> , 1998 , 14, 809-821	4.4	146
131	Effect of pretreatments of three waste residues, wheat straw, corncobs and barley husks on dye adsorption. <i>Bioresource Technology</i> , 2002 , 85, 119-24	11	142
130	Studies on the production of enzymes by white-rot fungi for the decolourisation of textile dyes. <i>Enzyme and Microbial Technology</i> , 2001 , 29, 575-579	3.8	131
129	Food and agricultural wastes as substrates for bioelectrochemical system (BES): The synchronized recovery of sustainable energy and waste treatment. <i>Food Research International</i> , 2015 , 73, 213-225	7	107
128	Decolorization and biodegradation of anaerobically digested sugarcane molasses spent wash effluent from biomethanation plants by white-rot fungi. <i>Process Biochemistry</i> , 1998 , 33, 83-88	4.8	97
127	Rosmarinus officinalis essential oil: antiproliferative, antioxidant and antibacterial activities. <i>Brazilian Journal of Microbiology</i> , 2010 , 41, 1070-1078	2.2	93
126	Decolorization of Remazol Black-B using a thermotolerant yeast, <i>Kluyveromyces marxianus</i> IMB3. <i>Environment International</i> , 2000 , 26, 75-9	12.9	92
125	High-temperature alcoholic fermentation of whey using <i>Kluyveromyces marxianus</i> IMB3 yeast immobilized on delignified cellulosic material. <i>Bioresource Technology</i> , 2002 , 82, 177-81	11	85
124	Application of <i>Kluyveromyces marxianus</i> , <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> and <i>L. helveticus</i> for sourdough bread making. <i>Food Chemistry</i> , 2008 , 106, 985-990	8.5	83
123	Solid-state (substrate) fermentation systems and their applications in biotechnology. <i>Journal of Basic Microbiology</i> , 1994 , 34, 405-423	2.7	82
122	A viable technology to generate third-generation biofuel. <i>Journal of Chemical Technology and Biotechnology</i> , 2011 , 86, 1349-1353	3.5	80
121	Antimicrobial activity of <i>Calendula officinalis</i> petal extracts against fungi, as well as Gram-negative and Gram-positive clinical pathogens. <i>Complementary Therapies in Clinical Practice</i> , 2012 , 18, 173-6	3.5	79
120	Decolourisation of synthetic and spentwash melanoidins using the white-rot fungus <i>Phanerochaete chrysosporium</i> JAG-40. <i>Bioresource Technology</i> , 2001 , 78, 95-8	11	75
119	A universally calibrated microplate ferric reducing antioxidant power (FRAP) assay for foods and applications to Manuka honey. <i>Food Chemistry</i> , 2015 , 174, 119-23	8.5	74

118	Thermostable, alkalophilic and cellulase free xylanase production by <i>Thermoactinomyces thalophilus</i> subgroup C. <i>Enzyme and Microbial Technology</i> , 2001 , 28, 606-610	3.8	74
117	Bread making using kefir grains as baker's yeast. <i>Food Chemistry</i> , 2005 , 93, 585-589	8.5	73
116	Bioreactor design for protein enrichment of agricultural residues by solid state fermentation. <i>Biochemical Engineering Journal</i> , 2003 , 13, 197-203	4.2	67
115	Bioconversion of starch to ethanol in a single-step process by coculture of amylolytic yeasts and <i>Saccharomyces cerevisiae</i> 21. <i>Bioresource Technology</i> , 2000 , 72, 261-266	11	67
114	Decolourisation of effluent from the textile industry by a microbial consortium. <i>Biotechnology Letters</i> , 1996 , 18, 117-120	3	67
113	Antibacterial activity of Manuka honey and its components: An overview. <i>AIMS Microbiology</i> , 2018 , 4, 655-664	4.5	63
112	Antibacterial activity of some Lamiaceae essential oils using resazurin as an indicator of cell growth. <i>LWT - Food Science and Technology</i> , 2011 , 44, 1199-1206	5.4	62
111	Steam explosion pretreatment of oil palm empty fruit bunches (EFB) using autocatalytic hydrolysis: A biorefinery approach. <i>Bioresource Technology</i> , 2016 , 199, 173-180	11	57
110	Evolution of aroma volatiles during storage of sourdough breads made by mixed cultures of <i>Kluyveromyces marxianus</i> and <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> or <i>Lactobacillus helveticus</i> . <i>Food Chemistry</i> , 2008 , 107, 883-889	8.5	55
109	Bioremediation and decolorization of anaerobically digested distillery spent wash. <i>Biotechnology Letters</i> , 1997 , 19, 311-314	3	54
108	Biological treatment of distillery waste for pollution-remediation. <i>Journal of Basic Microbiology</i> , 1995 , 35, 293-301	2.7	54
107	Evaluation of freeze-dried kefir coculture as starter in feta-type cheese production. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 6124-35	4.8	53
106	. <i>World Journal of Microbiology and Biotechnology</i> , 2002 , 18, 81-97	4.4	53
105	An overview: Recycling of solid barley waste generated as a by-product in distillery and brewery. <i>Waste Management</i> , 2017 , 62, 255-261	8.6	51
104	Nano-tubular cellulose for bioprocess technology development. <i>PLoS ONE</i> , 2012 , 7, e34350	3.7	50
103	Food additives: production of microbial pigments and their antioxidant properties. <i>Current Opinion in Food Science</i> , 2016 , 7, 93-100	9.8	49
102	Immobilization of kefir and <i>Lactobacillus casei</i> on brewery spent grains for use in sourdough wheat bread making. <i>Food Chemistry</i> , 2007 , 105, 187-194	8.5	49
101	Isolation of thermotolerant ethanologenic yeasts and use of selected strains in industrial scale fermentation in an Egyptian distillery. <i>Biotechnology and Bioengineering</i> , 2000 , 68, 531-5	4.9	47

100	Studies on desorption of individual textile dyes and a synthetic dye effluent from dye-adsorbed agricultural residues using solvents. <i>Bioresource Technology</i> , 2002 , 84, 299-301	11	45
99	Studies on the removal of dyes from a synthetic textile effluent using barley husk in static-batch mode and in a continuous flow, packed-bed, reactor. <i>Bioresource Technology</i> , 2002 , 85, 43-9	11	45
98	Improving the quality of industrially important enzymes by directed evolution. <i>Molecular and Cellular Biochemistry</i> , 2001 , 224, 159-68	4.2	43
97	Antioxidant and genoprotective activity of selected cucurbitaceae seed extracts and LC-ESIMS/MS identification of phenolic components. <i>Food Chemistry</i> , 2016 , 199, 307-13	8.5	42
96	Review: Ethanol production at elevated temperatures and alcohol concentrations: Part II [Use of <i>Kluyveromyces marxianus</i> IMB3. <i>World Journal of Microbiology and Biotechnology</i> , 1998 , 14, 823-834	4.4	42
95	Continuous ethanol production from sugarcane molasses using a column reactor of immobilized <i>Saccharomyces cerevisiae</i> HAU-1. <i>Journal of Basic Microbiology</i> , 1998 , 38, 123-8	2.7	42
94	Remediation of textile dye waste water using a white-rot fungus <i>Bjerkandera adusta</i> through solid-state fermentation (SSF). <i>Applied Biochemistry and Biotechnology</i> , 2008 , 151, 618-28	3.2	41
93	Composition, antioxidant and chemotherapeutic properties of the essential oils from two <i>Origanum</i> species growing in Pakistan. <i>Revista Brasileira De Farmacognosia</i> , 2011 , 21, 943-952	2	40
92	Enhanced probiotic viability and aromatic profile of yogurts produced using wheat bran (<i>Triticum aestivum</i>) as cell immobilization carrier. <i>Process Biochemistry</i> , 2017 , 55, 1-10	4.8	38
91	<i>Saccharomyces cerevisiae</i> and <i>Oenococcus oeni</i> immobilized in different layers of a cellulose/starch gel composite for simultaneous alcoholic and malolactic wine fermentations. <i>Process Biochemistry</i> , 2013 , 48, 1279-1284	4.8	38
90	Growth adaptation of probiotics in biopolymer-based coacervate structures to enhance cell viability. <i>LWT - Food Science and Technology</i> , 2017 , 77, 282-289	5.4	36
89	Effect of various carbohydrate substrates on the production of kefir grains for use as a novel baking starter. <i>Food Chemistry</i> , 2004 , 88, 237-242	8.5	36
88	Biotransformation of cholesterol using <i>Lactobacillus bulgaricus</i> in a glucose-controlled bioreactor. <i>Bioresource Technology</i> , 2001 , 78, 209-11	11	36
87	The isolation of thermophilic bacterial cultures capable of textile dyes decolorization. <i>Environment International</i> , 1997 , 23, 547-551	12.9	35
86	Decolourisation of molasses wastewater by cells of <i>Pseudomonas fluorescens</i> immobilised on porous cellulose carrier. <i>Bioresource Technology</i> , 2001 , 78, 111-4	11	35
85	Malolactic fermentation in wine with <i>Lactobacillus casei</i> cells immobilized on Delignified cellulosic material. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 2546-51	5.7	34
84	Ethanol production at 45°C by alginate-immobilized <i>Kluyveromyces marxianus</i> IMB3 during growth on lactose-containing media. <i>Bioprocess and Biosystems Engineering</i> , 1997 , 16, 101-104		31
83	Pectinolytic activity of bacteria isolated from soil and two fungal strains during submerged fermentation. <i>World Journal of Microbiology and Biotechnology</i> , 2002 , 18, 835-839	4.4	30

82	Entrapment of <i>Lactobacillus casei</i> ATCC393 in the viscous matrix of <i>Pistacia terebinthus</i> resin for functional myzithra cheese manufacture. <i>LWT - Food Science and Technology</i> , 2018 , 89, 441-448	5.4	28
81	Studies on the decolourisation of an artificial textile-effluent by white-rot fungi in N-rich and N-limited media. <i>Applied Microbiology and Biotechnology</i> , 2001 , 57, 810-3	5.7	26
80	Food additive lactic acid production by immobilized cells of <i>Lactobacillus brevis</i> on delignified cellulosic material. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 5285-9	5.7	25
79	Selection of a substratum for composing biofilm system of a textile-effluent decolourizing bacteria. <i>Biotechnology Letters</i> , 1995 , 17, 993-996	3	25
78	Process selection for protein-enrichment: fermentation of the sugar industry by-products molasses and sugar beet pulp. <i>Process Biochemistry</i> , 1994 , 29, 337-342	4.8	25
77	Simultaneous raw starch hydrolysis and ethanol fermentation by glucoamylase from <i>Rhizoctonia solani</i> and <i>Saccharomyces cerevisiae</i> . <i>Journal of Basic Microbiology</i> , 1995 , 35, 117-21	2.7	25
76	Cellulase and ligninase production by basidiomycete culture in solid-state fermentation. <i>Biological Wastes</i> , 1987 , 20, 1-9		25
75	Evaluation of Chios mastic gum as antimicrobial agent and matrix forming material targeting probiotic cell encapsulation for functional fermented milk production. <i>LWT - Food Science and Technology</i> , 2018 , 97, 109-116	5.4	23
74	Utilization of waste fruit-peels to inhibit aflatoxins synthesis by <i>Aspergillus flavus</i> : a biotreatment of rice for safer storage. <i>Bioresource Technology</i> , 2014 , 172, 423-428	11	22
73	Remediation of textile effluent using agricultural residues. <i>Applied Biochemistry and Biotechnology</i> , 2002 , 102-103, 207-12	3.2	22
72	An unusual facultatively anaerobic filamentous fungus isolated under prolonged enrichment culture conditions. <i>Mycological Research</i> , 1994 , 98, 757-760		21
71	Bioconversion of sugar industry by-products molasses and sugar beet pulp for single cell protein production by yeasts. <i>Biomass and Bioenergy</i> , 1991 , 1, 339-345	5.3	21
70	Investigation of some factors important for solid-state fermentation of sugar cane bagasse for animal feed production. <i>Enzyme and Microbial Technology</i> , 1990 , 12, 808-811	3.8	21
69	Apple juice preservation through microbial adsorption by nano/micro-tubular cellulose. <i>Innovative Food Science and Emerging Technologies</i> , 2016 , 33, 416-421	6.8	20
68	Production of ethanol from sucrose at 45°C by alginate-immobilized preparations of the thermotolerant yeast strain <i>Kluyveromyces marxianus</i> IMB3. <i>Bioresource Technology</i> , 1996 , 55, 171-173	11	19
67	Waste Management by Biological Approach Employing Natural Substrates and Microbial Agents for the Remediation of Dyes Wastewater. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2958	2.6	18
66	Process optimization for continuous ethanol fermentation by alginate-immobilized cells of <i>Saccharomyces cerevisiae</i> HAU-1. <i>Journal of Basic Microbiology</i> , 1996 , 36, 205-10	2.7	18
65	Sustainability of biohydrogen as fuel: Present scenario and future perspective. <i>AIMS Energy</i> , 2019 , 7, 1-19	1.8	18

64	Continuous ethanol production by thermotolerant <i>Kluyveromyces marxianus</i> IMB3 immobilized on mineral Kissiris at 45°C. <i>World Journal of Microbiology and Biotechnology</i> , 1997 , 13, 283-288	4.4	17
63	Captopril and its synthesis from chiral intermediates. <i>Journal of Chemical Technology and Biotechnology</i> , 2001 , 76, 123-127	3.5	17
62	Simultaneous saccharification and protein enrichment fermentation of sugar beet pulp. <i>Biotechnology Letters</i> , 1988 , 10, 67-72	3	17
61	Characterisation of laccase produced by <i>Coniothyrium minitans</i> . <i>Journal of Basic Microbiology</i> , 1998 , 38, 349-359	2.7	16
60	Ethanol production at 45°C by <i>Kluyveromyces marxianus</i> IMB3 immobilized in magnetically responsive alginate matrices. <i>Biotechnology Letters</i> , 1996 , 18, 1213-1216	3	16
59	Promotion of maltose fermentation at extremely low temperatures using a cryotolerant <i>Saccharomyces cerevisiae</i> strain immobilized on porous cellulosic material. <i>Enzyme and Microbial Technology</i> , 2014 , 66, 56-9	3.8	15
58	Process optimization for the production of sugar for the bioethanol industry from sorghum, a non-conventional source of starch. <i>World Journal of Microbiology and Biotechnology</i> , 2001 , 17, 411-415	4.4	15
57	Kefir as a Functional Beverage Gaining Momentum towards Its Health Promoting Attributes. <i>Beverages</i> , 2021 , 7, 48	3.4	15
56	Industrial scale ethanol production using the thermotolerant yeast <i>Kluyveromyces marxianus</i> IMB3 in an Indian distillery. <i>Biotechnology Letters</i> , 1998 , 20, 753-755	3	14
55	Global status of lignocellulosic biorefinery: Challenges and perspectives. <i>Bioresource Technology</i> , 2022 , 344, 126415	11	13
54	Production of ethanol from molasses at 45 °C using alginate-immobilized. <i>Bioprocess and Biosystems Engineering</i> , 1997 , 16, 389		13
53	Utilization of agro-wastes to inhibit aflatoxins synthesis by <i>Aspergillus parasiticus</i> : A biotreatment of three cereals for safe long-term storage. <i>Bioresource Technology</i> , 2015 , 197, 443-50	11	12
52	Resolution of (RS)-proglumide using lipase from <i>Candida cylindraceae</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 1471-5	3.4	12
51	Production of endo-1,4-βglucanase by a biocontrol fungus <i>Cladorrhinum foecundissimum</i> . <i>Bioresource Technology</i> , 2000 , 75, 95-97	11	12
50	Microbial degradation of bagasse: Isolation and cellulolytic properties of Basidiomycetes Spp. from biomanure from a biogas plant. <i>Agricultural Wastes</i> , 1985 , 12, 273-285		12
49	A Biological Approach for Color-Stripping of Cotton Fabric Dyed with C.I. Reactive Black 5 Using Fungal Enzymes from Solid State Fermentation. <i>Current Biotechnology</i> , 2014 , 3, 166-173	0.6	12
48	Degradation of naphthalene by bacterial cultures. <i>Environment International</i> , 1998 , 24, 671-677	12.9	9
47	Production, partial characterization, and potential diagnostic use of salicylate hydroxylase from <i>Pseudomonas putida</i> UUC-1. <i>Enzyme and Microbial Technology</i> , 1994 , 16, 665-70	3.8	9

46	Selection of preculture conditions for solid state fermentation of sugar beet pulp. <i>Biotechnology Letters</i> , 1988 , 10, 755-758	3	9
45	Processes for Fermentative Production of Xylitol -- a Sugar Substitute. <i>Process Biochemistry</i> , 1995 , 30, 117-124		9
44	Production of salicylate hydroxylase from <i>Pseudomonas putida</i> UUC-1 and its application in the construction of a biosensor. <i>Journal of Chemical Technology and Biotechnology</i> , 1995 , 64, 331-338	3.5	8
43	The effects of microencapsulated <i>Lactobacillus casei</i> on tumour cell growth: In vitro and in vivo studies. <i>International Journal of Medical Microbiology</i> , 2012 , 302, 293-9	3.7	7
42	Mixed cultures fermentation for bioconversion of whole bagasse into microbial protein. <i>Journal of Basic Microbiology</i> , 1987 , 27, 323-327	2.7	7
41	Bioactivity of extracts of <i>Centaurea polyclada</i> dc. (Asteraceae). <i>Archives of Biological Sciences</i> , 2009 , 61, 447-452	0.7	7
40	A cell-factory model of <i>Saccharomyces cerevisiae</i> based on bacterial cellulose without GMO for consolidated bioprocessing of starch. <i>Food and Bioprocesses Processing</i> , 2021 , 128, 202-214	4.9	7
39	The Gut Microbiota Influenced by the Intake of Probiotics and Functional Foods with Prebiotics Can Sustain Wellness and Alleviate Certain Ailments like Gut-Inflammation and Colon-Cancer.. <i>Microorganisms</i> , 2022 , 10,	4.9	7
38	Ethanol production at 45°C using preparations of <i>Kluyveromyces marxianus</i> IMB3 immobilized in calcium alginate and kissiris. <i>Bioprocess and Biosystems Engineering</i> , 1996 , 15, 275-277		6
37	Effect of cultural factors on cellulase biosynthesis in submerged bagasse fermentation by basidiomycetes cultures. <i>Journal of Basic Microbiology</i> , 1991 , 31, 285-292	2.7	6
36	A note on utilization of bagasse for the production of proteinaceous cattle feed. <i>Biological Wastes</i> , 1987 , 19, 275-280		6
35	Phospholipid—the dynamic structure between living and non-living world; a much obligatory supramolecule for present and future. <i>AIMS Molecular Science</i> , 2019 , 6, 1-19	0.9	6
34	Cell factory models of non-engineered <i>S. cerevisiae</i> containing lactase in a second layer for lactose fermentation in one batch. <i>Enzyme and Microbial Technology</i> , 2021 , 145, 109750	3.8	6
33	The isolation and characterisation of a salicylate-hydroxylase-producing strain of <i>Pseudomonas putida</i> . <i>Applied Microbiology and Biotechnology</i> , 1992 , 37, 378-381	5.7	5
32	Consolidated bioprocessing of lactose into lactic acid and ethanol using non-engineered cell factories. <i>Bioresource Technology</i> , 2021 , 345, 126464	11	5
31	Chemical preservative delivery in meat using edible vegetable tubular cellulose. <i>LWT - Food Science and Technology</i> , 2021 , 141, 111049	5.4	5
30	Food Industries Wastewater Recycling for Biodiesel Production through Microalgal Remediation. <i>Sustainability</i> , 2021 , 13, 8267	3.6	5
29	Exploring endophytes for synthesis of bioactive compounds similar to metabolites produced by host plants. <i>AIMS Microbiology</i> , 2021 , 7, 175-199	4.5	5

28	Production of the enzyme dihydrofolate reductase by methotrexate-resistant bacteria isolated from soil. <i>Journal of Chemical Technology and Biotechnology</i> , 1993 , 56, 35-40	3.5	4
27	A bioprocess for the remediation of anaerobically digested molasses spentwash from biogas plant and simultaneous production of lactic acid. <i>Bioprocess and Biosystems Engineering</i> , 1999 , 20, 337		4
26	Processing of sugar beet pulp in simultaneous saccharification and fermentation for the production of a protein-enriched product. <i>Process Biochemistry</i> , 1994 , 29, 331-336	4.8	4
25	Influence of sugars on the activity of cellulase system from two basidiomycetes cultures. <i>Journal of Basic Microbiology</i> , 1991 , 31, 279-283	2.7	4
24	Thermal activation and stability of cellulases derived from two basidiomycetes. <i>Biotechnology Letters</i> , 1988 , 10, 919-920	3	4
23	Process selection for bioconversion of sugar beet pulp into microbial protein. <i>Biological Wastes</i> , 1988 , 26, 71-75		4
22	Bioethanol synthesis for fuel or beverages from the processing of agri-food by-products and natural biomass using economical and purposely modified biocatalytic systems. <i>AIMS Energy</i> , 2018 , 6, 979-992	1.8	4
21	Continuous ethanol fermentation at 45 °C using. <i>Bioprocess and Biosystems Engineering</i> , 1998 , 18, 187		4
20	Upgrading of Mixed Food Industry Side-Streams by Solid-State Fermentation with <i>P. ostreatus</i> . <i>Recycling</i> , 2018 , 3, 12	3.2	3
19	Comparison of Iron (III) Reducing Antioxidant Capacity (iRAC) and ABTS Radical Quenching Assays for Estimating Antioxidant Activity of Pomegranate. <i>Beverages</i> , 2018 , 4, 58	3.4	3
18	Microbial biofuels production 2014 , 155-168		3
17	The effects of some added carbohydrates on cellulases and ligninase and decomposition of whole bagasse. <i>Agricultural Wastes</i> , 1986 , 17, 293-299		3
16	Fermentation of Bagasse by submerged fungal cultures: Effect of nitrogen sources. <i>Biological Wastes</i> , 1988 , 23, 313-317		3
15	An Overview of Microorganisms'; Contribution and Performance in Alcohol Fermentation Processing a Variety of Substrates. <i>Current Biotechnology</i> , 2017 , 6, 9-16	0.6	3
14	Bioactivities of <i>Penicillium citrinum</i> isolated from a medicinal plant <i>Swertia chirayita</i> . <i>Archives of Microbiology</i> , 2021 , 203, 5173-5182	3	3
13	Bioconversion of potato-processing wastes into an industrially-important chemical lactic acid. <i>Bioresource Technology Reports</i> , 2021 , 15, 100698	4.1	3
12	Application of biological systems and processes employing microbes and algae to Reduce, Recycle, Reuse (3Rs) for the sustainability of circular bioeconomy.. <i>AIMS Microbiology</i> , 2022 , 8, 83-102	4.5	3
11	The effect of Mn ²⁺ on ethanol production from lactose using <i>Kluyveromyces marxianus</i> IMB3 immobilized in magnetically responsive matrices. <i>Bioprocess and Biosystems Engineering</i> , 1997 , 17, 31-34		2

10	Dihydrofolate reductase synthesis in continuous culture using a methotrexate-resistant <i>Escherichia coli</i> . <i>Enzyme and Microbial Technology</i> , 1993 , 15, 652-6	3.8	2
9	A Critical Review for Advances on Industrialization of Immobilized Cell Bioreactors: Economic Evaluation on Cellulose Hydrolysis for PHB Production.. <i>Bioresource Technology</i> , 2022 , 349, 126757	11	2
8	Biosynthesis of fuel-grade ethanol from cellobiose by a cell-factory of non-GMO <i>Saccharomyces cerevisiae</i> /starch-gel-cellulase. <i>Fuel</i> , 2022 , 313, 122986	7.1	2
7	Glutathione transferase-P1-1 binding with naturally occurring ligands: assessment by docking simulations. <i>Journal of Biophysical Chemistry</i> , 2011 , 02, 401-407	0.1	2
6	Some factors affecting bioconversion of whole bagasse into fungal biomass. <i>Journal of Basic Microbiology</i> , 1990 , 30, 747-751	2.7	1
5	An overview of three biocatalysts of pharmaceutical importance synthesized by microbial cultures. <i>AIMS Microbiology</i> , 2021 , 7, 124-137	4.5	1
4	Anticancer Effects of Novel Tetrahydro-Dimethyl-Xanthene-Diones. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020 , 20, 909-916	2.2	0
3	Studies on Biosynthetic Production of Antioxidant Glutathione Using Microbial Cultures 2016 , 1-8		
2	Current Aspects of Medicinal Properties and Health Benefits of Plant <i>Withania somnifera</i> 2019 , 311-325		
1	Effect of cellulose crystallinity modification by starch gel treatment for improvement in ethanol fermentation rate by non-GM yeast cell factories.. <i>Bioprocess and Biosystems Engineering</i> , 2022 , 45, 783	3.7	