Ashok Pandey

List of Publications by Year in Descending Order

480 papers	26,660 citations	83 h-index	147 g-index
515 ext. papers	31,624 ext. citations	6.8 avg, IF	7.68 L-index

#	Paper	IF	Citations
480	Production of microalgae with high lipid content and their potential as sources of nutraceuticals.. *Phytochemistry Reviews*, **2022**, 1-28	7.7	2
479	Sustainable processes for treatment and management of seafood solid waste.. *Science of the Total Environment*, **2022**, 817, 152951	10.2	1
478	Agricultural waste biorefinery development towards circular bioeconomy. *Renewable and Sustainable Energy Reviews*, **2022**, 158, 112122	16.2	13
477	Advances on tailored biochar for bioremediation of antibiotics, pesticides and polycyclic aromatic hydrocarbon pollutants from aqueous and solid phases.. *Science of the Total Environment*, **2022**, 817, 153054	10.2	6
476	Recycling of cathode material from spent lithium-ion batteries: Challenges and future perspectives.. *Journal of Hazardous Materials*, **2022**, 429, 128312	12.8	6
475	Integrated approaches to mitigate threats from emerging potentially toxic elements: A way forward for sustainable environmental management.. *Environmental Research*, **2022**, 112844	7.9	4
474	Carbon-based catalyst for environmental bioremediation and sustainability: Updates and perspectives on techno-economics and life cycle assessment.. *Environmental Research*, **2022**, 209, 112793	7.9	3
473	Multi-criteria research lines on livestock manure biorefinery development towards a circular economy: From the perspective of a life cycle assessment and business models strategies. *Journal of Cleaner Production*, **2022**, 341, 130862	10.3	9
472	Chili post-harvest residue-derived nanocellulose composite as a matrix for in vitro cell culture and Hemigraphis colorata blended nanocellulose extends antimicrobial potential. *Sustainable Chemistry and Pharmacy*, **2022**, 25, 100584	3.9	2
471	Biotechnological strategies for bio-transforming biosolid into resources toward circular bio-economy: A review. *Renewable and Sustainable Energy Reviews*, **2022**, 156, 111987	16.2	10
470	Bacterial biopolymers: From production to applications in biomedicine. *Sustainable Chemistry and Pharmacy*, **2022**, 25, 100582	3.9	1
469	Recent advances in circular bioeconomy based clean technologies for sustainable environment. *Journal of Water Process Engineering*, **2022**, 46, 102534	6.7	1
468	Advances in solid-state fermentation for bioconversion of agricultural wastes to value-added products: Opportunities and challenges. *Bioresource Technology*, **2022**, 343, 126065	11	22
467	Nanocellulose as green material for remediation of hazardous heavy metal contaminants. *Journal of Hazardous Materials*, **2022**, 424, 127516	12.8	11
466	Effect of sewage sludge biochar on the soil nutrient, microbial abundance, and plant biomass: A sustainable approach towards mitigation of solid waste. *Chemosphere*, **2022**, 287, 132112	8.4	12
465	Updates on high value products from cellulosic biorefinery. *Fuel*, **2022**, 308, 122056	7.1	15
464	Highly efficient bio-adsorption of Malachite green using Chinese Fan-Palm Biochar (Livistona chinensis). *Chemosphere*, **2022**, 287, 132282	8.4	7

463	Challenges and opportunities in bioremediation of micro-nano plastics: A review. *Science of the Total Environment*, **2022**, 802, 149823	10.2	21
462	Upgrading the value of anaerobic fermentation via renewable chemicals production: A sustainable integration for circular bioeconomy. *Science of the Total Environment*, **2022**, 806, 150312	10.2	4
461	Catalyst-Based Synthesis of 2,5-Dimethylfuran from Carbohydrates as a Sustainable Biofuel Production Route. *ACS Sustainable Chemistry and Engineering*, **2022**, 10, 3079-3115	8.3	8
460	Genotoxicity evaluation of paper industry wastewater prior and post-treatment with laccase producing Pseudomonas putida MTCC 7525. *Journal of Cleaner Production*, **2022**, 342, 130981	10.3	6
459	Multifunctional applications of bamboo crop beyond environmental management: an Indian prospective.. *Bioengineered*, **2022**, 13, 8893-8914	5.7	4
458	Biomass-derived biochar: From production to application in removing heavy metal-contaminated water. *Chemical Engineering Research and Design*, **2022**, 160, 704-733	5.5	8
457	Emerging trends of microbial technology for the production of oligosaccharides from biowaste and their potential application as prebiotic.. *International Journal of Food Microbiology*, **2022**, 368, 109610	5.8	6
456	Processing of municipal solid waste resources for a circular economy in China: An overview. *Fuel*, **2022**, 317, 123478	7.1	4
455	Organic wastes bioremediation and its changing prospects.. *Science of the Total Environment*, **2022**, 824, 153889	10.2	4
454	Bacterial bioactive metabolites as therapeutic agents: From production to action. *Sustainable Chemistry and Pharmacy*, **2022**, 27, 100650	3.9	1
453	Enhancement of mechanical and thermal properties of Ixora coccinea L. plant root derived nanocellulose using polyethylene glycol-glutaraldehyde system.. *Chemosphere*, **2022**, 134324	8.4	0
452	Sustainable microalgal biomass production in food industry wastewater for low-cost biorefinery products: a review.. *Phytochemistry Reviews*, **2022**, 1-23	7.7	1
451	Neem extract-blended nanocellulose derived from jackfruit peel for antibacterial packagings.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	0
450	Perspective review on Municipal Solid Waste-to-energy route: Characteristics, management strategy, and role in circular economy. *Journal of Cleaner Production*, **2022**, 359, 131897	10.3	4
449	Nanocellulose in tissue engineering and bioremediation: mechanism of action. *Bioengineered*, **2022**, 13, 12823-12833	5.7	
448	Microbial engineering for the production of isobutanol: current status and future directions.. *Bioengineered*, **2021**, 12, 12308-12321	5.7	7
447	Biorefinery aspects for cost-effective production of nanocellulose and high value-added biocomposites. *Fuel*, **2021**, 311, 122575	7.1	5
446	Bioengineered Microbes for Soil Health Restoration - Present Status and Future. *Bioengineered*, **2021**,	5.7	5

445	Bacterial nanocellulose: engineering, production, and applications. *Bioengineered*, **2021**, 12, 11463-11483	5.7	9
444	Characteristics of hydrogen production from steam gasification of plant-originated lignocellulosic biomass and its prospects in Vietnam. *International Journal of Hydrogen Energy*, **2021**,	6.7	17
443	Algae biorefinery: a promising approach to promote microalgae industry and waste utilization.. *Journal of Biotechnology*, **2021**,	3.7	8
442	Current state of the art biotechnological strategies for conversion of watermelon wastes residues to biopolymers production: A review.. *Chemosphere*, **2021**, 290, 133310	8.4	4
441	Trends in mitigation of industrial waste: Global health hazards, environmental implications and waste derived economy for environmental sustainability.. *Science of the Total Environment*, **2021**, 811, 152357	10.2	13
440	Potential utilization of dairy industries by-products and wastes through microbial processes: A critical review.. *Science of the Total Environment*, **2021**, 810, 152253	10.2	7
439	Sustainable biochar: A facile strategy for soil and environmental restoration, energygeneration, mitigation of global climate change and circular bioeconomy.. *Chemosphere*, **2021**, 293, 133474	8.4	2
438	Green route for recycling of low-cost waste resources for the biosynthesis of nanoparticles (NPs) and nanomaterials (NMs)-A review. *Environmental Research*, **2021**, 112202	7.9	5
437	Nanofluid research advances: Preparation, characteristics and applications in food processing. *Food Research International*, **2021**, 150, 110751	7	4
436	Bioengineered Biochar As Smart Candidate For Resource Recovery Toward Circular Bio-Economy: A Review. *Bioengineered*, **2021**,	5.7	10
435	A critical review on advances in the practices and perspectives for the treatment of dye industry wastewater. *Bioengineered*, **2021**, 12, 70-87	5.7	123
434	Prevalence and hazardous impact of pharmaceutical and personal care products and antibiotics in environment: A review on emerging contaminants. *Environmental Research*, **2021**, 194, 110664	7.9	73
433	Sequential presence of heavy metal resistant fungal communities influenced by biochar amendment in the poultry manure composting process. *Journal of Cleaner Production*, **2021**, 291, 125947	10.3	13
432	Current research trends on micro- and nano-plastics as an emerging threat to global environment: A review. *Journal of Hazardous Materials*, **2021**, 409, 124967	12.8	56
431	Development of an eco-friendly biodegradable plastic from jack fruit peel cellulose with different plasticizers and Boswellia serrata as filler. *Science of the Total Environment*, **2021**, 767, 144285	10.2	15
430	Metabolic circuits and gene regulators in polyhydroxyalkanoate producing organisms: Intervention strategies for enhanced production. *Bioresource Technology*, **2021**, 327, 124791	11	5
429	A critical review on various feedstocks as sustainable substrates for biosurfactants production: a way towards cleaner production. *Microbial Cell Factories*, **2021**, 20, 120	6.4	46
428	Biochar for remediation of agrochemicals and synthetic organic dyes from environmental samples: A review.. *Chemosphere*, **2021**, 272, 129917	8.4	19

427	A critical review on the development stage of biorefinery systems towards the management of apple processing-derived waste. *Renewable and Sustainable Energy Reviews*, **2021**, 143, 110972	16.2	31
426	Draft genome of the glucose tolerant Eglucosidase producing rare Aspergillus unguis reveals complete cellulolytic machinery with multiple beta-glucosidase genes. *Fungal Genetics and Biology*, **2021**, 151, 103551	3.9	0
425	Enzymatic approaches in the bioprocessing of shellfish wastes. *3 Biotech*, **2021**, 11, 367	2.8	4
424	Recent trends in microbial nanoparticle synthesis and potential application in environmental technology: a comprehensive review. *Environmental Science and Pollution Research*, **2021**, 28, 49362-49382	5.1	4
423	A green biorefinery platform for cost-effective nanocellulose production: investigation of hydrodynamic properties and biodegradability of thin films. *Biomass Conversion and Biorefinery*, **2021**, 11, 861-870	2.3	7
422	Petroleum sludge polluted soil remediation: Integrated approach involving novel bacterial consortium and nutrient application. *Science of the Total Environment*, **2021**, 763, 142934	10.2	19
421	Solid-state fermentation technology and innovation for the production of agricultural and animal feed bioproducts. *Systems Microbiology and Biomanufacturing*, **2021**, 1, 142-165		15
420	Occurrence of emerging sulfonamide resistance (sul1 and sul2) associated with mobile integrons-integrase (intI1 and intI2) in riverine systems. *Science of the Total Environment*, **2021**, 751, 142217	10.2	12
419	Can biochar regulate the fate of heavy metals (Cu and Zn) resistant bacteria community during the poultry manure composting?. *Journal of Hazardous Materials*, **2021**, 406, 124593	12.8	25
418	Citric acid bioproduction and downstream processing: Status, opportunities, and challenges. *Bioresource Technology*, **2021**, 320, 124426	11	14
417	Recent advances in microbial biosynthesis of C3 - C5 diols: Genetics and process engineering approaches. *Bioresource Technology*, **2021**, 322, 124527	11	11
416	Chlorpyrifos induced proteome remodelling of Pseudomonas nitroreducens AR-3 potentially aid efficient degradation of the pesticide. *Environmental Technology and Innovation*, **2021**, 21, 101307	7	1
415	Thermophilic Chitinases: Structural, Functional and Engineering Attributes for Industrial Applications. *Applied Biochemistry and Biotechnology*, **2021**, 193, 142-164	3.2	11
414	Bioprospecting of gut microflora for plastic biodegradation. *Bioengineered*, **2021**, 12, 1040-1053	5.7	7
413	Potential Utilisation of Fruit and Vegetable Waste: An Overview. *Advances in Science, Technology and Innovation*, **2021**, 179-191	0.3	2
412	Synthesis and Characterization of Transparent Biodegradable Chitosan: Exopolysaccharide Composite Films Plasticized by Bio-Derived 1,3-Propanediol. *Sustainable Chemistry*, **2021**, 2, 49-62	3.6	1
411	Sugarcane bagasse derived nanocellulose reinforced with frankincense (Boswellia serrata): Physicochemical properties, biodegradability and antimicrobial effect for controlling microbial growth for food packaging application. *Environmental Technology and Innovation*, **2021**, 21, 101335	7	8
410	Bioplastic production from renewable lignocellulosic feedstocks: a review. *Reviews in Environmental Science and Biotechnology*, **2021**, 20, 167-187	13.9	12

409	Resource recovery through bioremediation of wastewaters and waste carbon by microalgae: a circular bioeconomy approach. *Environmental Science and Pollution Research*, **2021**, 28, 58837-58856	5.1	18
408	Techno-economics and life-cycle assessment of biological and thermochemical treatment of bio-waste. *Renewable and Sustainable Energy Reviews*, **2021**, 144, 110837	16.2	39
407	Technologies for disinfection of food grains: Advances and way forward. *Food Research International*, **2021**, 145, 110396	7	9
406	Minimizing hazardous impact of food waste in a circular economy - Advances in resource recovery through green strategies. *Journal of Hazardous Materials*, **2021**, 416, 126154	12.8	15
405	Advanced biomaterials for sustainable applications in the food industry: Updates and challenges. *Environmental Pollution*, **2021**, 283, 117071	9.3	11
404	Kinetic and thermodynamic investigations of sewage sludge biochar in removal of Remazol Brilliant Blue R dye from aqueous solution and evaluation of residual dyes cytotoxicity. *Environmental Technology and Innovation*, **2021**, 23, 101556	7	18
403	Evolution in mitigation approaches for petroleum oil-polluted environment: recent advances and future directions. *Environmental Science and Pollution Research*, **2021**, 1	5.1	4
402	Uptake and mobilization of heavy metals through phytoremediation process from native plants species growing on complex pollutants: Antioxidant enzymes and photosynthetic pigments response. *Environmental Technology and Innovation*, **2021**, 23, 101629	7	6
401	Sustainable green processing of grape pomace for the production of value-added products: An overview. *Environmental Technology and Innovation*, **2021**, 23, 101592	7	11
400	Metal and metal(loids) removal efficiency using genetically engineered microbes: Applications and challenges. *Journal of Hazardous Materials*, **2021**, 416, 125855	12.8	13
399	Bioremediated techniques for remediation of metal pollutants using metagenomics approaches: A review. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105684	6.8	39
398	Efficiency of transporter genes and proteins in hyperaccumulator plants for metals tolerance in wastewater treatment: Sustainable technique for metal detoxification. *Environmental Technology and Innovation*, **2021**, 23, 101725	7	14
397	Role of microbial diversity to influence the growth and environmental remediation capacity of bamboo: A review. *Industrial Crops and Products*, **2021**, 167, 113567	5.9	23
396	Production of fungal endoinulinase in a stirred tank reactor and fructooligosaccharides preparation by crude endoinulinase. *Bioresource Technology Reports*, **2021**, 15, 100743	4.1	3
395	Potential of nanocellulose for wastewater treatment. *Chemosphere*, **2021**, 281, 130738	8.4	13
394	Probiotics and gut microbiome - Prospects and challenges in remediating heavy metal toxicity. *Journal of Hazardous Materials*, **2021**, 420, 126676	12.8	11
393	Patterns of heavy metal resistant bacterial community succession influenced by biochar amendment during poultry manure composting. *Journal of Hazardous Materials*, **2021**, 420, 126562	12.8	20
392	Cleaner technologies to combat heavy metal toxicity. *Journal of Environmental Management*, **2021**, 296, 113231	7.9	8

391	Sweet sorghum juice as an alternative carbon source and adaptive evolution of Lactobacillus brevis NIE9.3.3 in sweet sorghum juice and biodiesel derived crude glycerol to improve 1, 3 propanediol production. *Journal of Environmental Chemical Engineering*, **2021**, 9, 106086	6.8	2
390	High yield recovery of 2,3-butanediol from fermented broth accumulated on xylose rich sugarcane bagasse hydrolysate using aqueous two-phase extraction system. *Bioresource Technology*, **2021**, 337, 125463	11	4
389	Pyrolysis of almond (Prunus amygdalus) shells: Kinetic analysis, modelling, energy assessment and technical feasibility studies. *Bioresource Technology*, **2021**, 337, 125466	11	10
388	Technological perspectives for utilisation of waste glycerol for the production of biofuels: A review. *Environmental Technology and Innovation*, **2021**, 24, 101902	7	14
387	Strategies and advances in the pretreatment of microalgal biomass. *Journal of Biotechnology*, **2021**, 341, 63-75	3.7	5
386	Microbial dynamics during anaerobic digestion of sewage sludge combined with food waste at high organic loading rates in immersed membrane bioreactors. *Fuel*, **2021**, 303, 121276	7.1	16
385	Performance of a dual-chamber microbial fuel cell as biosensor for on-line measuring ammonium nitrogen in synthetic municipal wastewater. *Science of the Total Environment*, **2021**, 795, 148755	10.2	5
384	Promising eco-friendly biomaterials for future biomedicine: Cleaner production and applications of Nanocellulose. *Environmental Technology and Innovation*, **2021**, 24, 101855	7	1
383	Preparation, characterization and agri applications of biochar produced by pyrolysis of sewage sludge at different temperatures. *Science of the Total Environment*, **2021**, 795, 148722	10.2	4
382	Recent advances in biodiesel production: Challenges and solutions. *Science of the Total Environment* , **2021**, 794, 148751	10.2	24
381	Green remediation of the potential hazardous shellfish wastes generated from the processing industries and their bioprospecting. *Environmental Technology and Innovation*, **2021**, 24, 101979	7	4
380	Valorization of paper industry rejects by combined thermo-chemical pretreatment and biological conversion to L-lysine. *Environmental Technology and Innovation*, **2021**, 24, 101882	7	0
379	Isobutanol production by Candida glabrata ΔA potential organism for future fuel demands. *Fuel*, **2021**, 306, 121634	7.1	1
378	Lignocellulosic biomass-based engineered biochar composites: A facile strategy for abatement of emerging pollutants and utilization in industrial applications. *Renewable and Sustainable Energy Reviews*, **2021**, 152, 111643	16.2	10
377	Adsorptive and photocatalytic properties of metal oxides towards arsenic remediation from water: A review. *Journal of Environmental Chemical Engineering*, **2021**, 9, 106376	6.8	6
376	Possibility of Detection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) through Wastewater in Developing Countries. *Water (Switzerland)*, **2021**, 13, 3412	3	1
375	Penicillium janthinellum NCIM1366 shows improved biomass hydrolysis and a larger number of CAZymes with higher induction levels over Trichoderma reesei RUT-C30. *Biotechnology for Biofuels*, **2020**, 13, 196	7.8	3
374	Refining biomass residues for sustainable energy and bio-products: An assessment of technology, its importance, and strategic applications in circular bio-economy. *Renewable and Sustainable Energy Reviews*, **2020**, 127, 109876	16.2	98

373	Bioremediation of oily sludge polluted soil employing a novel strain of Pseudomonas aeruginosa and phytotoxicity of petroleum hydrocarbons for seed germination. *Science of the Total Environment*, **2020**, 737, 139766	10.2	52
372	Valorization of cashew nut processing residues for industrial applications. *Industrial Crops and Products*, **2020**, 152, 112550	5.9	26
371	Manure pretreatments with black soldier fly Hermetia illucens L. (Diptera: Stratiomyidae): A study to reduce pathogen content. *Science of the Total Environment*, **2020**, 737, 139842	10.2	26
370	Microbial Electro-Remediation (MER) of hazardous waste in aid of sustainable energy generation and resource recovery. *Environmental Technology and Innovation*, **2020**, 19, 100997	7	20
369	Global Burden of Childhood Epilepsy, Intellectual Disability, and Sensory Impairments. *Pediatrics*, **2020**, 146,	7.4	40
368	Remodeling agro-industrial and food wastes into value-added bioactives and biopolymers. *Industrial Crops and Products*, **2020**, 154, 112621	5.9	31
367	Critical Review on Biochar-Supported Catalysts for Pollutant Degradation and Sustainable Biorefinery. *Advanced Sustainable Systems*, **2020**, 4, 1900149	5.9	44
366	Comprehensive review on the application of inorganic and organic nanoparticles for enhancing biohydrogen production. *Fuel*, **2020**, 270, 117453	7.1	70
365	Hyper-production of pullulan from de-oiled rice bran by Aureobasidium pullulans in a stirred tank reactor and its characterization. *Bioresource Technology Reports*, **2020**, 11, 100494	4.1	1
364	Advancement in valorization technologies to improve utilization of bio-based waste in bioeconomy context. *Renewable and Sustainable Energy Reviews*, **2020**, 131, 109965	16.2	27
363	Succession of keratin-degrading bacteria and associated health risks during pig manure composting. *Journal of Cleaner Production*, **2020**, 258, 120624	10.3	18
362	Lignocellulosic bio-refinery approach for microbial 2,3-Butanediol production. *Bioresource Technology*, **2020**, 302, 122873	11	35
361	Emerging applications of biochar: Improving pig manure composting and attenuation of heavy metal mobility in mature compost. *Journal of Hazardous Materials*, **2020**, 389, 122116	12.8	48
360	Effect of biochar on emission, maturity and bacterial dynamics during sheep manure compositing. *Renewable Energy*, **2020**, 152, 421-429	8.1	18
359	Algae as potential feedstock for the production of biofuels and value-added products: Opportunities and challenges. *Science of the Total Environment*, **2020**, 716, 137116	10.2	168
358	Fungal endoinulinase production from raw Asparagus inulin for the production of fructooligosaccharides. *Bioresource Technology Reports*, **2020**, 10, 100417	4.1	9
357	Bacterial polyhydroxyalkanoates: Opportunities, challenges, and prospects. *Journal of Cleaner Production*, **2020**, 263, 121500	10.3	67
356	Key Informant Methods: An Innovative Social Mobilization Strategy to enable Communitybased Diagnosis, Treatment and Rehabilitation for People with Disability. *Journal of Nepal Health Research Council*, **2020**, 18, 147-149	0.9	

355	Organic solid waste biorefinery: Sustainable strategy for emerging circular bioeconomy in China. *Industrial Crops and Products*, **2020**, 153, 112568	5.9	51
354	Assessing the impact of industrial waste on environment and mitigation strategies: A comprehensive review. *Journal of Hazardous Materials*, **2020**, 398, 123019	12.8	38
353	Sustainability and life cycle assessments of lignocellulosic and algal pretreatments. *Bioresource Technology*, **2020**, 301, 122678	11	27
352	Effects of microbial culture and chicken manure biochar on compost maturity and greenhouse gas emissions during chicken manure composting. *Journal of Hazardous Materials*, **2020**, 389, 121908	12.8	76
351	Biochemical conversion of biodiesel by-product into malic acid: A way towards sustainability. *Science of the Total Environment*, **2020**, 709, 136206	10.2	12
350	Pretreatment strategies for enhanced biogas production from lignocellulosic biomass. *Bioresource Technology*, **2020**, 301, 122725	11	167
349	Microbial strategies for bio-transforming food waste into resources. *Bioresource Technology*, **2020**, 299, 122580	11	130
348	Statistical optimization of solid-state fermentation for the production of fungal inulinase from apple pomace. *Bioresource Technology Reports*, **2020**, 9, 100364	4.1	15
347	Nanocellulose-based products for sustainable applications-recent trends and possibilities. *Reviews in Environmental Science and Biotechnology*, **2020**, 19, 779-806	13.9	32
346	Critical review on bioconversion of winery wastes into value-added products. *Industrial Crops and Products*, **2020**, 158, 112954	5.9	16
345	Biotechnological potential of as a source of novel biocatalysts and metabolites. *Critical Reviews in Biotechnology*, **2020**, 40, 1019-1034	9.4	13
344	Oilfield waste treatment using novel hydrocarbon utilizing bacterial consortium - A microcosm approach. *Science of the Total Environment*, **2020**, 745, 141043	10.2	19
343	Sustainable and eco-friendly strategies for shrimp shell valorization. *Environmental Pollution*, **2020**, 267, 115656	9.3	25
342	Delignification of cotton stalks using sodium cumene sulfonate for bioethanol production. *Biofuels*, **2020**, 11, 431-440	2	10
341	Evaluation of Freshwater Microalgal Isolates for Growth and Oil Production in Seawater Medium. *Waste and Biomass Valorization*, **2020**, 11, 223-230	3.2	8
340	KNOWLEDGE AND PRACTICE ON JUNK FOOD CONSUMPTION AMONG HIGHER LEVEL STUDENTS AT SELECTED EDUCATIONAL INSTITUTIONS OF KATHMANDU, NEPAL. *International Journal of Research -GRANTHAALAYAH*, **2020**, 8, 306-314	0.2	
339	Thermostable xylanases from thermophilic fungi and bacteria: Current perspective. *Bioresource Technology*, **2019**, 277, 195-203	11	75
338	Current status of global warming potential reduction by cleaner composting. *Energy and Environment*, **2019**, 0958305X1988241	2.4	1

337	Rapid degradation of the organophosphate pesticide - Chlorpyrifos by a novel strain of Pseudomonas nitroreducens AR-3. *Bioresource Technology*, **2019**, 292, 122025	11	43
336	Thermostable phytase in feed and fuel industries. *Bioresource Technology*, **2019**, 278, 400-407	11	34
335	Genomics of Lactic Acid Bacteria for Glycerol Dissimilation. *Molecular Biotechnology*, **2019**, 61, 562-578	3	6
334	A critical review of organic manure biorefinery models toward sustainable circular bioeconomy: Technological challenges, advancements, innovations, and future perspectives. *Renewable and Sustainable Energy Reviews*, **2019**, 111, 115-131	16.2	105
333	Conversion of food and kitchen waste to value-added products. *Journal of Environmental Management*, **2019**, 241, 619-630	7.9	105
332	Genomic analysis of carbon dioxide sequestering bacterium for exopolysaccharides production. *Scientific Reports*, **2019**, 9, 4270	4.9	19
331	Biotransformation of 5-hydroxymethylfurfural by Acinetobacter oleivorans S27 for the synthesis of furan derivatives. *Bioresource Technology*, **2019**, 282, 88-93	11	17
330	Biosynthesis of 2,5-furan dicarboxylic acid by Aspergillus flavus APLS-1: Process optimization and intermediate product analysis. *Bioresource Technology*, **2019**, 284, 155-160	11	18
329	Role of compost biochar amendment on the (im)mobilization of cadmium and zinc for Chinese cabbage (Brassica rapa L.) from contaminated soil. *Journal of Soils and Sediments*, **2019**, 19, 3883-3897	3.4	14
328	Tailoring of microbes for the production of high value plant-derived compounds: From pathway engineering to fermentative production. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2019**, 1867, 140262	4	5
327	Recent advances in microbial production of malic acid from renewable byproducts. *Reviews in Environmental Science and Biotechnology*, **2019**, 18, 579-595	13.9	14
326	Febrile Illness Outbreak Investigation in Sundarharicha-5 Foklan Tapu, Morang District. *Journal of Nepal Health Research Council*, **2019**, 17, 148-152	0.9	
325	Are Health Agencies Designated as Research Centers in Nepal Conducting Adequate Researches ?. *Journal of Nepal Health Research Council*, **2019**, 17, 285-287	0.9	
324	Application of metagenomic analysis for detection of the reduction in the antibiotic resistance genes (ARGs) by the addition of clay during poultry manure composting. *Chemosphere*, **2019**, 220, 137-145	8.4	25
323	Biotechnological potential of yeasts in functional food industry. *Trends in Food Science and Technology*, **2019**, 83, 129-137	15.3	53
322	Simultaneous saccharification and fermentation of oil palm front for the production of 2,3-butanediol. *Bioresource Technology*, **2019**, 278, 145-149	11	26
321	Thermostable cellulases: Current status and perspectives. *Bioresource Technology*, **2019**, 279, 385-392	11	103
320	An assessment of the persistence of pathogenic bacteria removal in chicken manure compost employing clay as additive via meta-genomic analysis. *Journal of Hazardous Materials*, **2019**, 366, 184-191	12.8	37

319	An efficient aqueous two phase systems using dual inorganic electrolytes to separate 1,3-propanediol from the fermented broth. *Bioresource Technology*, **2018**, 254, 239-246	11	16
318	Biocatalytic strategies for the production of high fructose syrup from inulin. *Bioresource Technology*, **2018**, 260, 395-403	11	48
317	An effective surfactant-assisted hydrothermal pretreatment strategy for bioethanol production from chili post-harvest residue by separate hydrolysis and fermentation. *Bioprocess and Biosystems Engineering*, **2018**, 41, 565-571	3.7	7
316	Effect of dilute acid pretreatment of wild rice grass (Zizania latifolia) from Loktak Lake for enzymatic hydrolysis. *Bioresource Technology*, **2018**, 253, 252-255	11	64
315	Pentose rich acid pretreated liquor as co-substrate for 1,3-propanediol production. *Renewable Energy*, **2018**, 129, 794-799	8.1	21
314	SSF production, purification and characterization of chitin deacetylase from Aspergillus flavus. *Biocatalysis and Biotransformation*, **2018**, 36, 296-306	2.5	6
313	Genomic and proteomic analysis of lignin degrading and polyhydroxyalkanoate accumulating □proteobacterium sp. ISTKB. *Biotechnology for Biofuels*, **2018**, 11, 154	7.8	61
312	Purification and characterization of two isoforms of exoinulinase from Penicillium oxalicum BGPUP-4 for the preparation of high fructose syrup from inulin. *International Journal of Biological Macromolecules*, **2018**, 118, 1974-1983	7.9	16
311	Solid-State Fermentation of Carrot Pomace for the Production of Inulinase by BGPUP-4. *Food Technology and Biotechnology*, **2018**, 56, 31-39	2.1	2
310	Optimization of Process Parameters for the Production of □Linolenic Acid by CFR C07?in Submerged Fermentation. *Food Technology and Biotechnology*, **2018**, 56, 96-100	2.1	
309	Algal Green Energy □R&D and technological perspectives for biodiesel production. *Renewable and Sustainable Energy Reviews*, **2018**, 82, 2946-2969	16.2	82
308	Carbon-Increasing Catalytic Strategies for Upgrading Biomass into Energy-Intensive Fuels and Chemicals. *ACS Catalysis*, **2018**, 8, 148-187	13.1	188
307	Production of Pectinase from MPTD1. *Food Technology and Biotechnology*, **2018**, 56, 110-116	2.1	17
306	New coculture system of Clostridium spp. and Megasphaera hexanoica using submerged hollow-fiber membrane bioreactors for caproic acid production. *Bioresource Technology*, **2018**, 270, 498-503	11	20
305	Non-conventional yeast cell factories for sustainable bioprocesses. *FEMS Microbiology Letters*, **2018**, 365,	2.9	14
304	Applications of Microbial Enzymes in Food Industry. *Food Technology and Biotechnology*, **2018**, 56, 16-30	2.1	258
303	Water hyacinth a potential source for value addition: An overview. *Bioresource Technology*, **2017**, 230, 152-162	11	88
302	Development of a novel ultrasound-assisted alkali pretreatment strategy for the production of bioethanol and xylanases from chili post harvest residue. *Bioresource Technology*, **2017**, 242, 146-151	11	33

301	Bioflocculation: An alternative strategy for harvesting of microalgae - An overview. *Bioresource Technology*, **2017**, 242, 227-235	11	158
300	Sustainable Production of Chemicals and Energy Fuel Precursors from Lignocellulosic Fractions. *Green Energy and Technology*, **2017**, 7-33	0.6	11
299	Recent advances in the production of value added chemicals and lipids utilizing biodiesel industry generated crude glycerol as a substrate - Metabolic aspects, challenges and possibilities: An overview. *Bioresource Technology*, **2017**, 239, 507-517	11	90
298	Strategies for design of improved biocatalysts for industrial applications. *Bioresource Technology*, **2017**, 245, 1304-1313	11	135
297	Molecular improvements in microbial □amylases for enhanced stability and catalytic efficiency. *Bioresource Technology*, **2017**, 245, 1740-1748	11	59
296	Genetic and metabolic engineering approaches for the production and delivery of L-asparaginases: An overview. *Bioresource Technology*, **2017**, 245, 1775-1781	11	14
295	Microbial phytase: Impact of advances in genetic engineering in revolutionizing its properties and applications. *Bioresource Technology*, **2017**, 245, 1790-1799	11	27
294	Genetic modification: A tool for enhancing beta-glucosidase production for biofuel application. *Bioresource Technology*, **2017**, 245, 1352-1361	11	77
293	Recent developments in l-glutaminase production and applications - An overview. *Bioresource Technology*, **2017**, 245, 1766-1774	11	33
292	Expression system for heterologous protein expression in the filamentous fungus Aspergillus unguis. *Bioresource Technology*, **2017**, 245, 1334-1342	11	18
291	A biorefinery-based approach for the production of ethanol from enzymatically hydrolysed cotton stalks. *Bioresource Technology*, **2017**, 242, 178-183	11	20
290	Potential of Brachiaria mutica (Para grass) for bioethanol production from Loktak Lake. *Bioresource Technology*, **2017**, 242, 133-138	11	20
289	Cellulase production through solid-state tray fermentation, and its use for bioethanol from sorghum stover. *Bioresource Technology*, **2017**, 242, 265-271	11	69
288	Microbial production of ketoreductases: Development of a novel high-throughput screening method. *Bioresource Technology*, **2017**, 242, 319-323	11	5
287	Prebiotic Oligosaccharides: Special Focus on Fructooligosaccharides, Its Biosynthesis and Bioactivity. *Applied Biochemistry and Biotechnology*, **2017**, 183, 613-635	3.2	85
286	Comprehensive review on toxicity of persistent organic pollutants from petroleum refinery waste and their degradation by microorganisms. *Chemosphere*, **2017**, 188, 280-291	8.4	151
285	Resolution of enantiopure (S)-1-(1-napthyl) ethanol from racemic mixture by a novel Bacillus cereus isolate. *Journal of Basic Microbiology*, **2017**, 57, 762-769	2.7	7
284	Microalgal hydrogen production - A review. *Bioresource Technology*, **2017**, 243, 1194-1206	11	195

283	Adsorptive detoxification of fermentation inhibitors in acid pretreated liquor using functionalized polymer designed by molecular simulation. *Bioprocess and Biosystems Engineering*, **2017**, 40, 1657-1667	3.7	1
282	Self-cycling fermentation for 1,3-propanediol production: Comparative evaluation of metabolite flux in cell recycling, simple batch and continuous processes using Lactobacillus brevis N1E9.3.3 strain. *Journal of Biotechnology*, **2017**, 259, 110-119	3.7	12
281	Metagenome Analysis: a Powerful Tool for Enzyme Bioprospecting. *Applied Biochemistry and Biotechnology*, **2017**, 183, 636-651	3.2	64
280	Heterogeneity of zeolite combined with biochar properties as a function of sewage sludge composting and production of nutrient-rich compost. *Waste Management*, **2017**, 68, 760-773	8.6	60
279	Improved 1,3-propanediol production with maintained physical conditions and optimized media composition: Validation with statistical and neural approach. *Biochemical Engineering Journal*, **2017**, 126, 109-117	4.2	11
278	Recent advancements in the production and application of microbial pectinases: an overview. *Reviews in Environmental Science and Biotechnology*, **2017**, 16, 381-394	13.9	36
277	Production, Purification, and Application of Microbial Enzymes **2017**, 13-41		21
276	Synthetic Biology and Metabolic Engineering Approaches and Its Impact on Non-Conventional Yeast and Biofuel Production. *Frontiers in Energy Research*, **2017**, 5,	3.8	22
275	Biomass-Derived HMF Oxidation with Various Oxidants. *Green Energy and Technology*, **2017**, 51-67	0.6	1
274	Introduction to the Locomotives and Rail Road Transportation **2017**, 3-7		
273	An evaluation of dilute acid and ammonia fiber explosion pretreatment for cellulosic ethanol production. *Bioresource Technology*, **2016**, 199, 13-20	11	67
272	Biological pretreatment of lignocellulosic biomass--An overview. *Bioresource Technology*, **2016**, 199, 76-82	11	672
271	Development of a novel sequential pretreatment strategy for the production of bioethanol from sugarcane trash. *Bioresource Technology*, **2016**, 199, 202-210	11	69
270	Microbial degradation of high impact polystyrene (HIPS), an e-plastic with decabromodiphenyl oxide and antimony trioxide. *Journal of Hazardous Materials*, **2016**, 318, 347-354	12.8	83
269	Solid-state fermentation for the production of biomass valorizing feruloyl esterase. *Biocatalysis and Agricultural Biotechnology*, **2016**, 7, 7-13	4.2	6
268	Novel enzymatic processes applied to the food industry. *Current Opinion in Food Science*, **2016**, 7, 64-72	9.8	55
267	Detoxification of acidic biorefinery waste liquor for production of high value amino acid. *Bioresource Technology*, **2016**, 213, 270-275	11	20
266	Harvesting of microalgal biomass: Efficient method for flocculation through pH modulation. *Bioresource Technology*, **2016**, 213, 216-221	11	99

265	Biological valorization of pure and crude glycerol into 1,3-propanediol using a novel isolate Lactobacillus brevis N1E9.3.3. *Bioresource Technology*, **2016**, 213, 222-230	11	70
264	Hydrotropic pretreatment on rice straw for bioethanol production. *Renewable Energy*, **2016**, 98, 2-8	8.1	42
263	Bioconversion of sugarcane crop residue for value added products An overview. *Renewable Energy*, **2016**, 98, 203-215	8.1	132
262	Evaluation of oil palm front hydrolysate as a novel substrate for 2,3-butanediol production using a novel isolate Enterobacter cloacae SG1. *Renewable Energy*, **2016**, 98, 216-220	8.1	16
261	Material balance studies for the conversion of sorghum stover to bioethanol. *Biomass and Bioenergy*, **2016**, 85, 48-52	5.3	16
260	Production of chitin deacetylase by Aspergillus flavus in submerged conditions. *Preparative Biochemistry and Biotechnology*, **2016**, 46, 501-8	2.4	7
259	Anaerobic Membrane Bioreactors for Future Green Bioprocesses **2016**, 867-901		3
258	Evaluation of hydrotropic pretreatment on lignocellulosic biomass. *Bioresource Technology*, **2016**, 213, 350-358	11	36
257	Hydrolysis of pretreated rice straw by an enzyme cocktail comprising acidic xylanase from Aspergillus sp. for bioethanol production. *Renewable Energy*, **2016**, 98, 9-15	8.1	46
256	A novel sono-assisted acid pretreatment of chili post harvest residue for bioethanol production. *Bioresource Technology*, **2016**, 213, 58-63	11	32
255	Development of a combined pretreatment and hydrolysis strategy of rice straw for the production of bioethanol and biopolymer. *Bioresource Technology*, **2016**, 215, 110-116	11	25
254	Potential of rice straw for bio-refining: An overview. *Bioresource Technology*, **2016**, 215, 29-36	11	150
253	Production of endoglucanase from Trichoderma reesei RUT C30 and its application in deinking of printed office waste paper. *Biologia (Poland)*, **2016**, 71, 265-271	1.5	3
252	Production of poly-3-hydroxybutyrate from mixed culture. *Biologia (Poland)*, **2016**, 71, 736-742	1.5	2
251	Zeolite and zeotype-catalysed transformations of biofuranic compounds. *Green Chemistry*, **2016**, 18, 5701-5735	10	113
250	Cloning and expression of l-asparaginase from E. coli in eukaryotic expression system. *Biochemical Engineering Journal*, **2015**, 102, 14-17	4.2	23
249	Replacement P212H altered the pH-temperature profile of phytase from Aspergillus niger NII 08121. *Applied Biochemistry and Biotechnology*, **2015**, 175, 3084-92	3.2	7
248	2,4-Di-tert-butyl phenol as the antifungal, antioxidant bioactive purified from a newly isolated Lactococcus sp. *International Journal of Food Microbiology*, **2015**, 211, 44-50	5.8	97

247	Characterization of an exopolysaccharide with potential health-benefit properties from a probiotic Lactobacillus plantarum RJF4. *LWT - Food Science and Technology*, **2015**, 64, 1179-1186	5.4	110
246	Physicochemical Characterization of an Exopolysaccharide Produced by a Newly Isolated Weissella cibaria. *Applied Biochemistry and Biotechnology*, **2015**, 176, 440-53	3.2	22
245	Hydrolysis of biomass using a reusable solid carbon acid catalyst and fermentation of the catalytic hydrolysate to ethanol. *Bioresource Technology*, **2015**, 188, 99-102	11	36
244	Rice straw hydrolysate to fuel and volatile fatty acid conversion by Clostridium sporogenes BE01: bio-electrochemical analysis of the electron transport mediators involved. *Green Chemistry*, **2015**, 17, 3047-3058	10	28
243	Crude oil biodegradation aided by biosurfactants from Pseudozyma sp. NII 08165 or its culture broth. *Bioresource Technology*, **2015**, 191, 133-9	11	113
242	Current perspectives in enzymatic saccharification of lignocellulosic biomass. *Biochemical Engineering Journal*, **2015**, 102, 38-44	4.2	98
241	Purification and characterisation of an acidic and antifungal chitinase produced by a Streptomyces sp. *Bioresource Technology*, **2015**, 188, 195-201	11	53
240	A novel crude glycerol assisted surfactant pretreatment strategy of chili post-harvest residue for bioethanol production. *Biofuels*, **2015**, 6, 383-390	2	7
239	Application of a new xylanase activity from XR44A in brewer's spent grain saccharification. *Journal of Chemical Technology and Biotechnology*, **2015**, 90, 573-581	3.5	44
238	Microbial Diversity of Nanoparticle Biosynthesis **2015**, 187-203		1
237	Production and characterization of PHB from a novel isolate Comamonas sp. from a dairy effluent sample and its application in cell culture. *Biochemical Engineering Journal*, **2015**, 101, 150-159	4.2	20
236	Biocatalysis **2015**, 391-408		3
235	White Biotechnology in Biosurfactants **2015**, 499-521		15
234	Microbial Poly-3-Hydroxybutyrate and Related Copolymers **2015**, 575-605		9
233	Industrial Enzymes **2015**, 473-497		11
232	White Biotechnology in Cosmetics **2015**, 607-652		17
231	Alkaline Treatment **2015**, 51-60		10
230	Production of an alkaline xylanase from recombinant Kluyveromyces lactis (KY1) by submerged fermentation and its application in bio-bleaching. *Biochemical Engineering Journal*, **2015**, 102, 24-30	4.2	15

229	Advances in Thermochemical Conversion of Biomass Introduction **2015**, 3-30		26
228	Bioethanol production from dilute acid pretreated Indian bamboo variety (Dendrocalamus sp.) by separate hydrolysis and fermentation. *Industrial Crops and Products*, **2014**, 52, 169-176	5.9	64
227	Effect of surface charge alteration on stability of L-asparaginase II from Escherichia sp. *Enzyme and Microbial Technology*, **2014**, 56, 15-9	3.8	26
226	An alkali-thermostable xylanase from Bacillus pumilus functionally expressed in Kluyveromyces lactis and evaluation of its deinking efficiency. *Bioresource Technology*, **2014**, 165, 309-13	11	33
225	Isolation, selection and evaluation of yeasts for use in fermentation of coffee beans by the wet process. *International Journal of Food Microbiology*, **2014**, 188, 60-6	5.8	85
224	Physicochemical characterization of alkali pretreated sugarcane tops and optimization of enzymatic saccharification using response surface methodology. *Renewable Energy*, **2014**, 62, 362-368	8.1	86
223	Extracellular expression of a thermostable phytase (phyA) in Kluyveromyces lactis. *Process Biochemistry*, **2014**, 49, 1440-1447	4.8	19
222	Mixed Cultures Fermentation for the Production of Poly-hydroxybutyrate. *Brazilian Archives of Biology and Technology*, **2014**, 57, 644-652	1.8	10
221	Esterase Active in Polar Organic Solvents from the Yeast Pseudozyma sp. NII 08165. *Enzyme Research*, **2014**, 2014, 494682	2.4	11
220	Solid state fermentation of food waste mixtures for single cell protein, aroma volatiles and fat production. *Food Chemistry*, **2014**, 145, 710-6	8.5	108
219	Growth and butanol production by Clostridium sporogenes BE01 in rice straw hydrolysate: kinetics of inhibition by organic acids and the strategies for their removal. *Biomass Conversion and Biorefinery*, **2014**, 4, 277-283	2.3	4
218	Gene cloning and soluble expression of Aspergillus niger phytase in E. coli cytosol via chaperone co-expression. *Biotechnology Letters*, **2014**, 36, 85-91	3	10
217	Extracellular methionine amino peptidase (MAP) production by Streptomyces gedanensis in solid-state fermentation. *Brazilian Archives of Biology and Technology*, **2014**, 57, 187-193	1.8	2
216	Development of a novel solid-state fermentation strategy for the production of poly-3-hydroxybutyrate using polyurethane foams by Bacillus sphaericus NII 0838. *Annals of Microbiology*, **2013**, 63, 1265-1274	3.2	12
215	Studies on structural and physical characteristics of a novel exopolysaccharide from Pseudozyma sp. NII 08165. *International Journal of Biological Macromolecules*, **2013**, 59, 84-9	7.9	57
214	Biohydrogen Production: An Introduction **2013**, 1-24		9
213	Highly glucose tolerant glucosidase from Aspergillus unguis: NII 08123 for enhanced hydrolysis of biomass. *Journal of Industrial Microbiology and Biotechnology*, **2013**, 40, 967-75	4.2	51
212	Emerging approaches in fermentative production of statins. *Applied Biochemistry and Biotechnology* , **2013**, 171, 927-38	3.2	14

211	Discarded oranges and brewer's spent grains as promoting ingredients for microbial growth by submerged and solid state fermentation of agro-industrial waste mixtures. *Applied Biochemistry and Biotechnology*, **2013**, 170, 1885-95	3.2	25
210	Advances in lipase-catalyzed esterification reactions. *Biotechnology Advances*, **2013**, 31, 1846-59	17.8	263
209	Current developments in solid-state fermentation. *Biochemical Engineering Journal*, **2013**, 81, 146-161	4.2	341
208	Identification and characterization of a highly alkaline and thermotolerant novel xylanase from Streptomyces sp.. *Biologia (Poland)*, **2013**, 68, 1022-1027	1.5	8
207	Role and significance of beta-glucosidases in the hydrolysis of cellulose for bioethanol production. *Bioresource Technology*, **2013**, 127, 500-7	11	376
206	Pentose-rich hydrolysate from acid pretreated rice straw as a carbon source for the production of poly-3-hydroxybutyrate. *Biochemical Engineering Journal*, **2013**, 78, 67-72	4.2	94
205	Bioethanol production from bamboo (Dendrocalamus sp.) process waste. *Biomass and Bioenergy*, **2013**, 59, 142-150	5.3	51
204	Biobutanol production from rice straw by a non acetone producing Clostridium sporogenes BE01. *Bioresource Technology*, **2013**, 145, 182-7	11	95
203	The Alcohol Fermentation Step: The Most Common Ethanologenic Microorganisms Among Yeasts, Bacteria and Filamentous Fungi **2013**, 131-149		4
202	Studies on biosurfactants from Pseudozyma sp. NII 08165 and their potential application as laundry detergent additives. *Biochemical Engineering Journal*, **2013**, 78, 85-92	4.2	53
201	Microbial synthesis of poly-3-hydroxybutyrate and its application as targeted drug delivery vehicle. *Bioresource Technology*, **2013**, 145, 290-6	11	32
200	Energy requirement for alkali assisted microwave and high pressure reactor pretreatments of cotton plant residue and its hydrolysis for fermentable sugar production for biofuel application. *Bioresource Technology*, **2012**, 112, 300-7	11	49
199	Characterization of laccase isoforms produced by Pleurotus ostreatus in solid state fermentation of sugarcane bagasse. *Bioresource Technology*, **2012**, 114, 735-9	11	70
198	Aminopeptidase from Streptomyces gedanensis as a useful tool for protein hydrolysate preparations with improved functional properties. *Journal of Food Science*, **2012**, 77, C791-7	3.4	15
197	Short duration microwave assisted pretreatment enhances the enzymatic saccharification and fermentable sugar yield from sugarcane bagasse. *Renewable Energy*, **2012**, 37, 109-116	8.1	259
196	Characterization of leucine amino peptidase from Streptomyces gedanensis and its applications for protein hydrolysis. *Process Biochemistry*, **2012**, 47, 234-242	4.8	7
195	Organosolvent pretreatment and enzymatic hydrolysis of rice straw for the production of bioethanol. *World Journal of Microbiology and Biotechnology*, **2012**, 28, 473-83	4.4	62
194	Recombinant expression and characterization of L-asparaginase II from a moderately thermotolerant bacterial isolate. *Applied Biochemistry and Biotechnology*, **2012**, 167, 973-80	3.2	7

193	Preparation of poly(L-lactide) blends and biodegradation by Lentzea waywayandensis. *Biotechnology Letters*, **2012**, 34, 2031-5	3	15
192	Antioxidant and hepatoprotective potential of endo-polysaccharides from Hericium erinaceus grown on tofu whey. *International Journal of Biological Macromolecules*, **2012**, 51, 1140-6	7.9	83
191	Surfactant-assisted acid pretreatment of sugarcane tops for bioethanol production. *Applied Biochemistry and Biotechnology*, **2012**, 167, 1513-26	3.2	21
190	An evaluation of chemical pretreatment methods for improving enzymatic saccharification of chili postharvest residue. *Applied Biochemistry and Biotechnology*, **2012**, 167, 1489-500	3.2	21
189	Single-step purification and immobilization of MBP-phytase fusion on starch agar beads: application in dephytination of soy milk. *Applied Biochemistry and Biotechnology*, **2012**, 167, 981-90	3.2	14
188	Probiotic fermented foods for health benefits. *Engineering in Life Sciences*, **2012**, 12, 377-390	3.4	56
187	Production of potential vaccine against Dermatobia hominis for cattle. *Applied Biochemistry and Biotechnology*, **2012**, 167, 412-24	3.2	1
186	High temperature pretreatment and hydrolysis of cotton stalk for producing sugars for bioethanol production. *Fuel*, **2012**, 92, 340-345	7.1	74
185	Recent developments in microbial oils production: a possible alternative to vegetable oils for biodiesel without competition with human food?. *Brazilian Archives of Biology and Technology*, **2012** , 55, 29-46	1.8	68
184	Lignocellulosic Bioethanol: Current Status and Future Perspectives **2011**, 101-122		25
183	Hydrolysis of Lignocellulosic Biomass for Bioethanol Production **2011**, 229-250		41
182	Butanol Fuel from Biomass **2011**, 571-586		11
181	Plant growth promoting potential of Pontibacter niistensis in cowpea (Vigna unguiculata (L.) Walp.). *Applied Soil Ecology*, **2011**, 49, 250-255	5	27
180	Production of leucine amino peptidase in lab scale bioreactors using Streptomyces gedanensis. *Bioresource Technology*, **2011**, 102, 8171-8	11	12
179	Cyanobacteria and microalgae: a positive prospect for biofuels. *Bioresource Technology*, **2011**, 102, 10163-72	11	396
178	Dilute acid pretreatment and enzymatic saccharification of sugarcane tops for bioethanol production. *Bioresource Technology*, **2011**, 102, 10915-21	11	151
177	Organic solvent adaptation of Gram positive bacteria: applications and biotechnological potentials. *Biotechnology Advances*, **2011**, 29, 442-52	17.8	120
176	Growth enhancement of black pepper (Piper nigrum) by a newly isolated Bacillus tequilensis NII-0943. *Biologia (Poland)*, **2011**, 66, 801-806	1.5	15

175	Isolation and characterization of a novel □amylase from a metagenomic library of Western Ghats of Kerala, India. *Biologia (Poland)*, **2011**, 66, 939-944	1.5	25
174	Potential plant growth-promoting activity of Serratia nematodiphila NII-0928 on black pepper (Piper nigrum L.). *World Journal of Microbiology and Biotechnology*, **2011**, 27, 259-265	4.4	29
173	Paracoccus niistensis sp. nov., isolated from forest soil, India. *Antonie Van Leeuwenhoek*, **2011**, 99, 501-6	2.1	18
172	An improved bioprocess for extracellular L-leucine amino peptidase production using Streptomyces gedanensis. *Current Microbiology*, **2011**, 62, 1009-16	2.4	6
171	Application of the biorefinery concept to produce L-lactic acid from the soybean vinasse at laboratory and pilot scale. *Bioresource Technology*, **2011**, 102, 1765-72	11	54
170	Properties of a major □glucosidase-BGL1 from Aspergillus niger NII-08121 expressed differentially in response to carbon sources. *Process Biochemistry*, **2011**, 46, 1521-1524	4.8	44
169	Proline-specific extracellular aminopeptidase purified from Streptomyces lavendulae. *Applied Biochemistry and Biotechnology*, **2011**, 163, 994-1001	3.2	11
168	Micro and macroalgal biomass: a renewable source for bioethanol. *Bioresource Technology*, **2011**, 102, 186-93	11	796
167	Enzymes as additives or processing AIDS in food biotechnology. *Enzyme Research*, **2011**, 2010, 436859	2.4	12
166	Arginine Specific Aminopeptidase from Lactobacillus brevis. *Brazilian Archives of Biology and Technology*, **2011**, 54, 133-133	1.8	
165	Arginine specific aminopeptidase from Lactobacillus brevis. *Brazilian Archives of Biology and Technology*, **2010**, 53, 1443-1450	1.8	6
164	REVIEW: Genome shuffling: A new trend in improved bacterial production of lactic acid. *Industrial Biotechnology*, **2010**, 6, 164-169	1.3	5
163	Characterization of plant growth-promoting rhizobacterium Exiguobacterium NII-0906 for its growth promotion of cowpea (Vigna unguiculata). *Biologia (Poland)*, **2010**, 65, 197-203	1.5	19
162	Molecular cloning, overexpression and characterization of the raw-starch-digesting □amylase of Bacillus amyloliquefaciens. *Biologia (Poland)*, **2010**, 65, 392-398	1.5	4
161	Nocardioides mesophilus sp. nov., isolated from soil. *International Journal of Systematic and Evolutionary Microbiology*, **2010**, 60, 2288-2292	2.2	11
160	Investigation on alpha-galactosidase production by Streptomyces griseoloalbus in a forcefully aerated packed-bed bioreactor operating in solid-state fermentation condition. *Applied Biochemistry and Biotechnology*, **2010**, 160, 421-7	3.2	5
159	Probiotic bile salt hydrolase: current developments and perspectives. *Applied Biochemistry and Biotechnology*, **2010**, 162, 166-80	3.2	97
158	A statistical approach for optimization of polyhydroxybutyrate production by Bacillus sphaericus NCIM 5149 under submerged fermentation using central composite design. *Applied Biochemistry and Biotechnology*, **2010**, 162, 996-1007	3.2	22

157	Formic acid as a potential pretreatment agent for the conversion of sugarcane bagasse to bioethanol. *Applied Biochemistry and Biotechnology*, **2010**, 162, 2313-23	3.2	77
156	Isolation and characterization of plant growth promoting bacteria from non-rhizospheric soil and their effect on cowpea (Vigna unguiculata (L.) Walp.) seedling growth. *World Journal of Microbiology and Biotechnology*, **2010**, 26, 1233-40	4.4	69
155	Plant growth-promoting activity in newly isolated Bacillus thioparus (NII-0902) from Western ghat forest, India. *World Journal of Microbiology and Biotechnology*, **2010**, 26, 2277-2283	4.4	16
154	Computational fluid dynamics modeling of gas dispersion in multi impeller bioreactor. *Journal of Bioscience and Bioengineering*, **2010**, 109, 588-97	3.3	53
153	The Industrial Production of Enzymes **2010**, 207-225		9
152	Isolation and characterization of novel plant growth promoting Micrococcus sp NII-0909 and its interaction with cowpea. *Plant Physiology and Biochemistry*, **2010**, 48, 987-92	5.4	93
151	Potential carbon dioxide fixation by industrially important microalgae. *Bioresource Technology*, **2010**, 101, 5892-6	11	364
150	Advancement and comparative profiles in the production technologies using solid-state and submerged fermentation for microbial cellulases. *Enzyme and Microbial Technology*, **2010**, 46, 541-549	3.8	363
149	Bio-ethanol from water hyacinth biomass: an evaluation of enzymatic saccharification strategy. *Bioresource Technology*, **2010**, 101, 925-30	11	105
148	Bioethanol production from rice straw: An overview. *Bioresource Technology*, **2010**, 101, 4767-74	11	624
147	Lignocellulosic ethanol in India: Prospects, challenges and feedstock availability. *Bioresource Technology*, **2010**, 101, 4826-33	11	189
146	Folate-producing lactic acid bacteria from cow milk with probiotic characteristics. *International Journal of Dairy Technology*, **2010**, 63, 339-348	3.7	28
145	Pontibacter niistensis sp. nov., isolated from forest soil. *International Journal of Systematic and Evolutionary Microbiology*, **2010**, 60, 2867-2870	2.2	30
144	Pretreatment of Douglas Fir Wood Biomass for Improving Saccharification Efficiencies. *Journal of ASTM International*, **2010**, 7, 102560		
143	A new alternative to produce gibberellic acid by solid state fermentation. *Brazilian Archives of Biology and Technology*, **2009**, 52, 181-188	1.8	18
142	Direct lactic acid fermentation: focus on simultaneous saccharification and lactic acid production. *Biotechnology Advances*, **2009**, 27, 145-52	17.8	211
141	Production and partial purification of alpha-amylase from a novel isolate Streptomyces gulbargensis. *Journal of Industrial Microbiology and Biotechnology*, **2009**, 36, 189-94	4.2	48
140	Application of response surface method for studying the role of dissolved oxygen and agitation speed on gamma-linolenic acid production. *Applied Biochemistry and Biotechnology*, **2009**, 152, 108-16	3.2	8

139	Biochemical characterization of raw-starch-digesting alpha amylase purified from Bacillus amyloliquefaciens. *Applied Biochemistry and Biotechnology*, **2009**, 158, 653-62	3.2	41
138	Improvement on citric acid production in solid-state fermentation by Aspergillus niger LPB BC mutant using citric pulp. *Applied Biochemistry and Biotechnology*, **2009**, 158, 72-87	3.2	28
137	Phytodegradation potential of Erythrina crista-galli L., Fabaceae, in petroleum-contaminated soil. *Applied Biochemistry and Biotechnology*, **2009**, 157, 10-22	3.2	25
136	Polyphasic taxonomy of novel actinobacteria showing macromolecule degradation potentials in Bigeum Island, Korea. *Current Microbiology*, **2009**, 59, 21-9	2.4	10
135	Biosynthesis of silver nanoparticles using aqueous extract from the compactin producing fungal strain. *Process Biochemistry*, **2009**, 44, 939-943	4.8	270
134	Cellulase production using biomass feed stock and its application in lignocellulose saccharification for bio-ethanol production. *Renewable Energy*, **2009**, 34, 421-424	8.1	354
133	Statistical optimization of l-leucine amino peptidase production from Streptomyces gedanensis IFO 13427 under submerged fermentation using response surface methodology. *Biochemical Engineering Journal*, **2009**, 43, 64-71	4.2	22
132	Recent advances in solid-state fermentation. *Biochemical Engineering Journal*, **2009**, 44, 13-18	4.2	533
131	An organic-solvent-tolerant esterase from thermophilic Bacillus licheniformis S-86. *Bioresource Technology*, **2009**, 100, 896-902	11	37
130	Enzymatic synthesis of banana flavour (isoamyl acetate) by Bacillus licheniformis S-86 esterase. *Food Research International*, **2009**, 42, 454-460	7	65
129	Enrichment of □linolenic acid in the lipid extracted from Mucor zychae MTCC 5420. *Food Research International*, **2009**, 42, 449-453	7	16
128	Utilization of soybean vinasse for □galactosidase production. *Food Research International*, **2009**, 42, 476-483	7	19
127	Biotechnological process for producing black bean slurry without stachyose. *Food Research International*, **2009**, 42, 425-429	7	9
126	Immobilized bacterial □amylase for effective hydrolysis of raw and soluble starch. *Food Research International*, **2009**, 42, 436-442	7	42
125	Solid-State Fermentation Technology for Bioconversion of Biomass and Agricultural Residues **2009**, 197-221		21
124	Isolation and Characterization of High-Strength Phenol-Degrading Novel Bacterium of the Pantoea Genus. *Bioremediation Journal*, **2009**, 13, 171-179	2.3	11
123	Polyhydroxybutyrate production using agro-industrial residue as substrate by Bacillus sphaericus NCIM 5149. *Brazilian Archives of Biology and Technology*, **2009**, 52, 17-23	1.8	59
122	Effect of precultural and nutritional parameters on compactin production by solid-state fermentation. *Journal of Microbiology and Biotechnology*, **2009**, 19, 690-7	3.3	6

121	Trends in non-dairy probiotic beverages. *Food Research International*, **2008**, 41, 111-123	7	337
120	Production of Enzymes by Solid-state Fermentation **2008**, 183-204		9
119	General Considerations about Solid-state Fermentation Processes **2008**, 13-25		5
118	Factors Affecting Solid-state Fermentation **2008**, 26-47		6
117	Production of Organic Acids by Solid-state Fermentation **2008**, 205-229		7
116	Production of Spores **2008**, 230-252		1
115	Mushroom Production **2008**, 253-274		6
114	Production of Pigments **2008**, 337-355		3
113	Production of Aroma Compounds **2008**, 356-376		4
112	Application of Tropical Agro-industrial Residues as Substrate for Solid-state Fermentation Processes **2008**, 412-442		12
111	Kinetics of Solid-state Fermentation **2008**, 48-73		
110	L(+)-Lactic acid recovery from cassava bagasse based fermented medium using anion exchange resins. *Brazilian Archives of Biology and Technology*, **2008**, 51, 1241-1248	1.8	27
109	Compactin production in solid-state fermentation using orthogonal array method by P. brevicompactum. *Biochemical Engineering Journal*, **2008**, 41, 295-300	4.2	19
108	Effect of light on growth, pigment production and culture morphology of Monascus purpureus in solid-state fermentation. *World Journal of Microbiology and Biotechnology*, **2008**, 24, 2671-2675	4.4	49
107	Exploration of fungal spores as a possible storehouse of proteolytic biocatalysts. *World Journal of Microbiology and Biotechnology*, **2008**, 24, 2897-2901	4.4	1
106	Cellulase production under solid-state fermentation by Trichoderma reesei RUT C30: statistical optimization of process parameters. *Applied Biochemistry and Biotechnology*, **2008**, 151, 122-31	3.2	87
105	Production and purification of a solvent-resistant esterase from Bacillus licheniformis S-86. *Applied Biochemistry and Biotechnology*, **2008**, 151, 221-32	3.2	15
104	Production and characterization of the exopolysaccharides produced by Agaricus brasiliensis in submerged fermentation. *Applied Biochemistry and Biotechnology*, **2008**, 151, 283-94	3.2	30

103	Batch fermentation model of propionic acid production by Propionibacterium acidipropionici in different carbon sources. *Applied Biochemistry and Biotechnology*, **2008**, 151, 333-41	3.2	89
102	Selection and optimization of Bacillus atrophaeus inoculum medium and its effect on spore yield and thermal resistance. *Applied Biochemistry and Biotechnology*, **2008**, 151, 380-92	3.2	10
101	Fed-batch production of gluconic acid by terpene-treated Aspergillus niger spores. *Applied Biochemistry and Biotechnology*, **2008**, 151, 413-23	3.2	6
100	Fatty acid profiling during microbial lipid production under varying pO2 and impeller tip speeds. *Applied Biochemistry and Biotechnology*, **2008**, 151, 599-609	3.2	15
99	Permeabilization and inhibition of the germination of spores of Aspergillus niger for gluconic acid production from glucose. *Bioresource Technology*, **2008**, 99, 4559-65	11	15
98	Response surface methodology for the optimization of alpha amylase production by Bacillus amyloliquefaciens. *Bioresource Technology*, **2008**, 99, 4597-602	11	182
97	Production of bio-ethanol from soybean molasses by Saccharomyces cerevisiae at laboratory, pilot and industrial scales. *Bioresource Technology*, **2008**, 99, 8156-63	11	121
96	Biodegradation of Polycyclic Aromatic Hydrocarbons by Laccase of Pycnoporus sanguineus and Toxicity Evaluation of Treated PAH. *Biotechnology*, **2008**, 7, 669-677	0.1	14
95	Characterisation of Laccase from Pycnoporus sanguineus KUM 60953 and KUM 60954. *Journal of Biological Sciences*, **2008**, 8, 866-873	0.4	3
94	Production of L(+) lactic acid from cassava starch hydrolyzate by immobilized Lactobacillus delbrueckii. *Journal of Basic Microbiology*, **2007**, 47, 25-30	2.7	21
93	Effect of stress on growth, pigment production and morphology of Monascus sp. in solid cultures. *Journal of Basic Microbiology*, **2007**, 47, 118-26	2.7	64
92	Oil cakes and their biotechnological applications--a review. *Bioresource Technology*, **2007**, 98, 2000-9	11	329
91	Fungal biosynthesis of endochitinase and chitobiase in solid state fermentation and their application for the production of N-acetyl-D-glucosamine from colloidal chitin. *Bioresource Technology*, **2007**, 98, 2742-8	11	46
90	Statistical optimization of simultaneous saccharification and l(+)-lactic acid fermentation from cassava bagasse using mixed culture of lactobacilli by response surface methodology. *Biochemical Engineering Journal*, **2007**, 36, 262-267	4.2	52
89	Solid-state fermentation for the production of Monascus pigments from jackfruit seed. *Bioresource Technology*, **2007**, 98, 1554-60	11	135
88	Fermentative production of lactic acid from biomass: an overview on process developments and future perspectives. *Applied Microbiology and Biotechnology*, **2007**, 74, 524-34	5.7	430
87	Improved cellulase production by Trichoderma reesei RUT C30 under SSF through process optimization. *Applied Biochemistry and Biotechnology*, **2007**, 142, 60-70	3.2	96
86	Effect of nutritional and environmental conditions on the production of exo-polysaccharide of Agaricus brasiliensis by submerged fermentation and its antitumor activity. *LWT - Food Science and Technology*, **2007**, 40, 30-35	5.4	43

85	Statistical approach to optimization of fermentative production of gellan gum from Sphingomonas paucimobilis ATCC 31461. *Journal of Bioscience and Bioengineering*, **2006**, 102, 150-6	3.3	43
84	Effect of caffeine and tannins on cultivation and fructification of Pleurotus on coffee husks. *Brazilian Journal of Microbiology*, **2006**, 37, 420-424	2.2	12
83	Comparison of phytase production on wheat bran and oilcakes in solid-state fermentation by Mucor racemosus. *Bioresource Technology*, **2006**, 97, 506-11	11	92
82	Relation between growth, respirometric analysis and biopigments production from Monascus by solid-state fermentation. *Biochemical Engineering Journal*, **2006**, 29, 262-269	4.2	42
81	Tannase production by Lactobacillus sp. ASR-S1 under solid-state fermentation. *Process Biochemistry*, **2006**, 41, 575-580	4.8	93
80	Solid-state fermentation for l-lactic acid production from agro wastes using Lactobacillus delbrueckii. *Process Biochemistry*, **2006**, 41, 759-763	4.8	149
79	Metabolic engineering approaches for lactic acid production. *Process Biochemistry*, **2006**, 41, 991-1000	4.8	73
78	Simultaneous saccharification and fermentation of cassava bagasse for L-(+)-lactic Acid production using Lactobacilli. *Applied Biochemistry and Biotechnology*, **2006**, 134, 263-72	3.2	55
77	Simultaneous saccharification and L-(+)-lactic acid fermentation of protease-treated wheat bran using mixed culture of lactobacilli. *Biotechnology Letters*, **2006**, 28, 1823-6	3	33
76	Eco-epidemiological survey of Leishmania (Viannia) braziliensis American cutaneous and mucocutaneous leishmaniasis in Ribeira Valley River, Paran□State, Brazil. *Acta Tropica*, **2005**, 93, 141-9	3.2	30
75	Mixed substrate fermentation for the production of phytase by Rhizopus spp. using oilcakes as substrates. *Process Biochemistry*, **2005**, 40, 1749-1754	4.8	84
74	Comparative evaluation of neutral protease production by Aspergillus oryzae in submerged and solid-state fermentation. *Process Biochemistry*, **2005**, 40, 2689-2694	4.8	215
73	Production and purification of extracellular chitinases from Penicillium aculeatum NRRL 2129 under solid-state fermentation. *Enzyme and Microbial Technology*, **2005**, 36, 880-887	3.8	36
72	Purification, characterization and some studies on secondary structure of tannase from Aspergillus awamori nakazawa. *Process Biochemistry*, **2005**, 40, 3251-3254	4.8	52
71	L(+)-lactic acid production using Lactobacillus casei in solid-state fermentation. *Biotechnology Letters*, **2005**, 27, 1685-8	3	46
70	Biopigments from Monascus: strains selection, citrinin production and color stability. *Brazilian Archives of Biology and Technology*, **2005**, 48, 885-894	1.8	71
69	Production of chitinolytic enzymes with Trichoderma longibrachiatum IMI 92027 in solid substrate fermentation. *Applied Biochemistry and Biotechnology*, **2004**, 118, 189-204	3.2	11
68	Thermostable phytase production by Thermoascus aurantiacus in submerged fermentation. *Applied Biochemistry and Biotechnology*, **2004**, 118, 205-14	3.2	60

67	Comparison of citric acid production by solid-state fermentation in flask, column, tray, and drum bioreactors. *Applied Biochemistry and Biotechnology*, **2004**, 118, 293-303	3.2	27
66	Xanthan gum production from cassava bagasse hydrolysate with Xanthomonas campestris using alternative sources of nitrogen. *Applied Biochemistry and Biotechnology*, **2004**, 118, 305-12	3.2	19
65	Process optimization for antifungal chitinase production by Trichoderma harzianum. *Process Biochemistry*, **2004**, 39, 1583-1590	4.8	91
64	Extracellular chitinase production by Trichoderma harzianum in submerged fermentation. *Journal of Basic Microbiology*, **2004**, 44, 49-58	2.7	65
63	Coconut oil cake--a potential raw material for the production of alpha-amylase. *Bioresource Technology*, **2004**, 93, 169-74	11	165
62	Biosynthesis of rifamycin SV by Amycolatopsis mediterranei MTCC17 in solid cultures. *Biotechnology and Applied Biochemistry*, **2003**, 37, 311-5	2.8	9
61	Characterization and stability of proteases from Penicillium sp. produced by solid-state fermentation. *Enzyme and Microbial Technology*, **2003**, 32, 246-251	3.8	97
60	Fermentative production of gellan using Sphingomonas paucimobilis. *Process Biochemistry*, **2003**, 38, 1513-1519	4.8	70
59	Solid-state fermentation. *Biochemical Engineering Journal*, **2003**, 13, 81-84	4.2	804
58	Production of phytase by Mucor racemosus in solid-state fermentation. *Biotechnology Progress*, **2003**, 19, 312-9	2.8	71
57	Microbial production of extra-cellular phytase using polystyrene as inert solid support. *Bioresource Technology*, **2002**, 83, 229-33	11	66
56	Extra-cellular l-glutaminase production by Zygosaccharomyces rouxii under solid-state fermentation. *Process Biochemistry*, **2002**, 38, 307-312	4.8	101
55	Relationship between coffee husk caffeine degradation and respiration of Aspergillus sp. LPBx in solid-state fermentation. *Applied Biochemistry and Biotechnology*, **2002**, 102-103, 169-77	3.2	12
54	Gibberellic acid production by solid-state fermentation in coffee husk. *Applied Biochemistry and Biotechnology*, **2002**, 102-103, 179-91	3.2	36
53	Solid-state fermentation for production of phytase by Rhizopus oligosporus. *Applied Biochemistry and Biotechnology*, **2002**, 102-103, 251-60	3.2	65
52	Production, purification and properties of microbial phytases. *Bioresource Technology*, **2001**, 77, 203-14	11	220
51	Aroma compounds produced by Kluyveromyces marxianus in solid state fermentation on a packed bed column bioreactor. *World Journal of Microbiology and Biotechnology*, **2001**, 17, 767-771	4.4	57
50	Biological detoxification of coffee husk by filamentous fungi using a solid state fermentation system. *Enzyme and Microbial Technology*, **2000**, 27, 127-133	3.8	108

49	New developments in solid state fermentation: I-bioprocesses and products. *Process Biochemistry*, **2000**, 35, 1153-1169	4.8	729
48	New developments in solid-state fermentation. *Process Biochemistry*, **2000**, 35, 1211-1225	4.8	154
47	Evaluation of Amycolatopsis mediterranei VA18 for production of rifamycin-B. *Process Biochemistry*, **2000**, 36, 305-309	4.8	18
46	Fruity flavour production by Ceratocystis fimbriata grown on coffee husk in solid-state fermentation. *Process Biochemistry*, **2000**, 35, 857-861	4.8	92
45	Optimization of the production of aroma compounds by Kluyveromyces marxianus in solid-state fermentation using factorial design and response surface methodology. *Biochemical Engineering Journal*, **2000**, 6, 33-39	4.2	87
44	Biotechnological potential of coffee pulp and coffee husk for bioprocesses. *Biochemical Engineering Journal*, **2000**, 6, 153-162	4.2	308
43	Solid-state fermentation for the synthesis of citric acid by Aspergillus niger. *Bioresource Technology* , **2000**, 74, 175-178	11	125
42	Biotechnological potential of agro-industrial residues. I: sugarcane bagasse. *Bioresource Technology* , **2000**, 74, 69-80	11	797
41	Biotechnological potential of agro-industrial residues. II: cassava bagasse. *Bioresource Technology*, **2000**, 74, 81-87	11	290
40	Solid state fermentation for the synthesis of inulinase from Staphylococcus sp. and Kluyveromyces marxianus. *Process Biochemistry*, **1999**, 34, 851-855	4.8	86
39	Experimental design to enhance the production of l-(+)-lactic acid from steam-exploded wood hydrolysate using Rhizopus oryzae in a mixed-acid fermentation. *Process Biochemistry*, **1999**, 34, 949-955	4.8	48
38	Scale-up strategies for packed-bed bioreactors for solid-state fermentation. *Process Biochemistry*, **1999**, 35, 167-178	4.8	72
37	Comparative studies on inulinase synthesis by Staphylococcus sp. and Kluyveromyces marxianus in submerged culture. *Bioresource Technology*, **1999**, 69, 123-127	11	25
36	Recent developments in microbial inulinases. Its production, properties, and industrial applications. *Applied Biochemistry and Biotechnology*, **1999**, 81, 35-52	3.2	178
35	Ethanol production in solid substrate fermentation using thermotolerant yeast. *Process Biochemistry*, **1999**, 34, 115-119	4.8	56
34	Genetic tuning of coryneform bacteria for the overproduction of amino acids. *Process Biochemistry*, **1998**, 33, 147-161	4.8	10
33	Immobilization of Brevibacterium Cells for the production of l-glutamic acid. *Bioresource Technology*, **1998**, 63, 101-106	11	22
32	Biosynthesis of glucoamylase from Aspergillus niger by solid-state fermentation using tea waste as the basis of a solid substrate. *Bioresource Technology*, **1998**, 65, 83-85	11	54

31	Enhancement of lipase production during repeated batch culture using immobilised Candida rugosa. *Process Biochemistry*, **1997**, 32, 437-440	4.8	15
30	Optimization of liquid media for lipase production by Candida rugosa. *Bioresource Technology*, **1996**, 55, 167-170	11	51
29	Solid state fermentation for L-glutamic acid production using Brevibacterium sp.. *Biotechnology Letters*, **1996**, 18, 199-204	3	55
28	Glucoamylase Research: An Overview. *Starch/Staerke*, **1995**, 47, 439-445	2.3	60
27	Copra waste A novel substrate for solid-state fermentation. *Bioresource Technology*, **1995**, 51, 217-220	11	20
26	Effect of different carbon sources on growth and glutamic acid fermentation by Brevibacterium sp.. *Journal of Basic Microbiology*, **1995**, 35, 249-254	2.7	10
25	Iron requirement and search for siderophores in lactic acid bacteria. *Applied Microbiology and Biotechnology*, **1994**, 40, 735-739	5.7	83
24	The production of glucoamylase by Aspergillus niger NCIM 1245. *Process Biochemistry*, **1993**, 28, 305-309	4.8	35
23	Recent process developments in solid-state fermentation. *Process Biochemistry*, **1992**, 27, 109-117	4.8	379
22	Production of Starch Saccharifying Enzyme (Glucoamylase) in Solid Cultures. *Starch/Staerke*, **1992**, 44, 75-77	2.3	24
21	Packed-bed column bioreactor for production of enzyme. *Enzyme and Microbial Technology*, **1992**, 14, 486-488	3.8	34
20	Effect of particle size of substrate of enzyme production in solid-state fermentation. *Bioresource Technology*, **1991**, 37, 169-172	11	51
19	Aspects of fermenter design for solid-state fermentations. *Process Biochemistry*, **1991**, 26, 355-361	4.8	88
18	Improvements in solid-state fermentation for glucoamylase production. *Biological Wastes*, **1990**, 34, 11-19		42
17	Start-up in anaerobic treatment of natural-rubber effluent. *Biological Wastes*, **1990**, 33, 143-147		1
16	Simultaneous saccharification and protein enrichment fermentation of sugar beet pulp. *Biotechnology Letters*, **1988**, 10, 67-72	3	17
15	Fermentation of Bagasse by submerged fungal cultures: Effect of nitrogen sources. *Biological Wastes*, **1988**, 23, 313-317		3
14	Process selection for bioconversion of sugar beet pulp into microbial protein. *Biological Wastes*, **1988**, 26, 71-75		4

13	Mixed cultures fermentation for bioconversion of whole bagasse into microbial protein. *Journal of Basic Microbiology*, **1987**, 27, 323-327	2.7	7
12	Cellulase and ligninase production by basidiomycete culture in solid-state fermentation. *Biological Wastes*, **1987**, 20, 1-9		25
11	Ligninolytic activity of two basidiomycetes cultures in the decomposition of bagasse. *Biological Wastes*, **1987**, 21, 1-10		5
10	Fermentative production of lactic acid in presence of some trace elements. *Zentralblatt Fur Bakteriologie, Parasitenkunde, Infektionskrankheiten Und Hygiene Zweite Naturwissenschaftliche Abteilung: Mikrobiologie Der Landwirtschaft Der Technologie Und Des Umweltschutzes*, **1980**, 135, 523-6		1
9	Lactic acid production from molasses by Lactobacillus bulgaricus AU in presence of U, Th, Zr, and Tl. *Zentralblatt Fur Bakteriologie, Parasitenkunde, Infektionskrankheiten Und Hygiene Zweite Naturwissenschaftliche Abteilung: Mikrobiologie Der Landwirtschaft Der Technologie Und Des Umweltschutzes*, **1980**, 135, 226-9		
8	Obtusilobinin and obtusilobin, two new triterpene saponins from Anemone obtusiloba. *Phytochemistry*, **1979**, 18, 1539-1542	4	9
7	Lactic acid production from molasses by mixed population of lactobacilli. *Zentralblatt Fur Bakteriologie, Parasitenkunde, Infektionskrankheiten Und Hygiene Zweite Naturwissenschaftliche Abteilung: Mikrobiologie Der Landwirtschaft Der Technologie Und Des Umweltschutzes*, **1979**, 134, 544-6		3
6	Current and future ABE processes. *Biofuel Research Journal*,77-77	13.9	21
5	Efflux mediated chlorpyrifos tolerance in Escherichia coli BL21(DE3)		1
4	Telemedicine in Resource-Limited Setting: Narrative Synthesis of Evidence in Nepalese Context. *Smart Homecare Technology and Telehealth*,Volume 6, 1-14	1.3	3
3	Bioconversion of Glycerol into Biofuels□Opportunities and Challenges. *Bioenergy Research*,1	3.1	5
2	Microalgae-based carbon capture and utilization: A critical review on current system developments and biomass utilization. *Critical Reviews in Environmental Science and Technology*,1-23	11.1	0
1	Biofuel production from microalgae: challenges and chances. *Phytochemistry Reviews*,1	7.7	7