Ashok Pandey

List of Publications by Year in Descending Order

508 papers	27,777 citations	84 h-index	151 g-index
528 ext. papers	32,302 ext. citations	6.5 avg, IF	7.67 L-index

#	Paper	IF	Citations
508	Sustainable technologies for the production of sophorolipids from renewable wastes **2022**, 275-294		
507	Enzymes in seafood processing **2022**, 189-204		1
506	Sustainable production and applications of biochar in circular bioeconomy **2022**, 337-361		
505	Production of microalgae with high lipid content and their potential as sources of nutraceuticals.. *Phytochemistry Reviews*, **2022**, 1-28	7.7	2
504	Sustainable processes for treatment and management of seafood solid waste.. *Science of the Total Environment*, **2022**, 817, 152951	10.2	1
503	Agricultural waste biorefinery development towards circular bioeconomy. *Renewable and Sustainable Energy Reviews*, **2022**, 158, 112122	16.2	13
502	Integrated approaches to mitigate threats from emerging potentially toxic elements: A way forward for sustainable environmental management.. *Environmental Research*, **2022**, 112844	7.9	4
501	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
500	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
499	Microbial bioprocesses for production of nutraceuticals and functional foods **2022**, 1-29		
498	Microbial production and transformation of polyphenols **2022**, 189-208		1
497	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
496	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
495	Advances in solid-state fermentation for bioconversion of agricultural wastes to value-added products: Opportunities and challenges. *Bioresource Technology*, **2022**, 343, 126065	11	22
494	Enzymes Production From Food Waste and Their Application **2022**, 293-307		
493	Nanocellulose as green material for remediation of hazardous heavy metal contaminants. *Journal of Hazardous Materials*, **2022**, 424, 127516	12.8	11
492	Updates on high value products from cellulosic biorefinery. *Fuel*, **2022**, 308, 122056	7.1	15

491	Highly efficient bio-adsorption of Malachite green using Chinese Fan-Palm Biochar (Livistona chinensis). *Chemosphere*, **2022**, 287, 132282	8.4	7
490	Sustainable technologies for platform and drop-in chemicals: production and applications **2022**, 1-29		
489	Challenges and opportunities in bioremediation of micro-nano plastics: A review. *Science of the Total Environment*, **2022**, 802, 149823	10.2	21
488	Composting as a sustainable technology for integrated municipal solid waste management **2022**, 23-39		0
487	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
486	Multifunctional applications of bamboo crop beyond environmental management: an Indian prospective.. *Bioengineered*, **2022**, 13, 8893-8914	5.7	4
485	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
484	Processing of municipal solid waste resources for a circular economy in China: An overview. *Fuel*, **2022**, 317, 123478	7.1	4
483	Organic wastes bioremediation and its changing prospects.. *Science of the Total Environment*, **2022**, 824, 153889	10.2	4
482	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
481	Sustainable microalgal biomass production in food industry wastewater for low-cost biorefinery products: a review.. *Phytochemistry Reviews*, **2022**, 1-23	7.7	1
480	Neem extract-blended nanocellulose derived from jackfruit peel for antibacterial packagings.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	0
479	Nanocellulose in tissue engineering and bioremediation: mechanism of action. *Bioengineered*, **2022**, 13, 12823-12833	5.7	
478	Bioremediation of Endocrine Disrupting Chemicals- Advancements and Challenges. *Environmental Research*, **2022**, 113509	7.9	1
477	Technoeconomic analysis of biofuel production from marine algae **2022**, 627-652		
476	Biorefinery aspects for cost-effective production of nanocellulose and high value-added biocomposites. *Fuel*, **2021**, 311, 122575	7.1	5
475	Bioengineered Microbes for Soil Health Restoration - Present Status and Future. *Bioengineered*, **2021**,	5.7	5
474	Bacterial nanocellulose: engineering, production, and applications. *Bioengineered*, **2021**, 12, 11463-11483	5.7	9

473	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
472	Algae biorefinery: a promising approach to promote microalgae industry and waste utilization.. *Journal of Biotechnology*, **2021**,	3.7	8
471	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
470	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
469	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
468	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
467	Nanofluid research advances: Preparation, characteristics and applications in food processing. *Food Research International*, **2021**, 150, 110751	7	4
466	Bioengineered Biochar As Smart Candidate For Resource Recovery Toward Circular Bio-Economy: A Review. *Bioengineered*, **2021**,	5.7	10
465	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
464	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
463	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
462	Metabolic circuits and gene regulators in polyhydroxyalkanoate producing organisms: Intervention strategies for enhanced production. *Bioresource Technology*, **2021**, 327, 124791	11	5
461	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
460	Glycerol waste to value added products and its potential applications. *Systems Microbiology and Biomanufacturing*, **2021**, 1, 378-396		10
459	Biochar for remediation of agrochemicals and synthetic organic dyes from environmental samples: A review.. *Chemosphere*, **2021**, 272, 129917	8.4	19
458	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
457	Draft genome of the glucose tolerant β-glucosidase producing rare Aspergillus unguis reveals complete cellulolytic machinery with multiple beta-glucosidase genes. *Fungal Genetics and Biology*, **2021**, 151, 103551	3.9	0
456	Enzymatic approaches in the bioprocessing of shellfish wastes. *3 Biotech*, **2021**, 11, 367	2.8	4

455	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
454	Hazardous minerals mining: Challenges and solutions. *Journal of Hazardous Materials*, **2021**, 402, 123474	12.8	15
453	Enzyme Technology in Food Processing: Recent Developments and Future Prospects **2021**, 191-215		4
452	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
451	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
450	Solid-state fermentation technology and innovation for the production of agricultural and animal feed bioproducts. *Systems Microbiology and Biomanufacturing*, **2021**, 1, 142-165		15
449	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
448	Citric acid bioproduction and downstream processing: Status, opportunities, and challenges. *Bioresource Technology*, **2021**, 320, 124426	11	14
447	Recent advances in microbial biosynthesis of C3 - C5 diols: Genetics and process engineering approaches. *Bioresource Technology*, **2021**, 322, 124527	11	11
446	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
445	Thermophilic Chitinases: Structural, Functional and Engineering Attributes for Industrial Applications. *Applied Biochemistry and Biotechnology*, **2021**, 193, 142-164	3.2	11
444	Food waste biorefinery: case study in China for enhancing the emerging bioeconomy **2021**, 421-438		1
443	Bioprospecting of gut microflora for plastic biodegradation. *Bioengineered*, **2021**, 12, 1040-1053	5.7	7
442	Biomedical applications of microbial polyhydroxyalkanoates **2021**, 495-513		
441	Thermal/rheological behavior and functional properties of biopolymers and biopolymer composites **2021**, 413-438		
440	Municipal solid waste biorefineries: A case study in China **2021**, 439-457		4
439	Application of nanoengineered materials for bioenergy production **2021**, 333-354		0
438	Potential Utilisation of Fruit and Vegetable Waste: An Overview. *Advances in Science, Technology and Innovation*, **2021**, 179-191	0.3	2

437	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
436	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
435	Bioplastic production from renewable lignocellulosic feedstocks: a review. *Reviews in Environmental Science and Biotechnology*, **2021**, 20, 167-187	13.9	12
434	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
433	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
432	Technologies for disinfection of food grains: Advances and way forward. *Food Research International*, **2021**, 145, 110396	7	9
431	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
430	Advanced biomaterials for sustainable applications in the food industry: Updates and challenges. *Environmental Pollution*, **2021**, 283, 117071	9.3	11
429	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
428	Evolution in mitigation approaches for petroleum oil-polluted environment: recent advances and future directions. *Environmental Science and Pollution Research*, **2021**, 1	5.1	4
427	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
426	Metal and metal(loids) removal efficiency using genetically engineered microbes: Applications and challenges. *Journal of Hazardous Materials*, **2021**, 416, 125855	12.8	13
425	Bioremediated techniques for remediation of metal pollutants using metagenomics approaches: A review. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105684	6.8	39
424	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
423	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
422	Production of fungal endoinulinase in a stirred tank reactor and fructooligosaccharides preparation by crude endoinulinase. *Bioresource Technology Reports*, **2021**, 15, 100743	4.1	3
421	Potential of nanocellulose for wastewater treatment. *Chemosphere*, **2021**, 281, 130738	8.4	13
420	Probiotics and gut microbiome - Prospects and challenges in remediating heavy metal toxicity. *Journal of Hazardous Materials*, **2021**, 420, 126676	12.8	11

419	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
418	Cleaner technologies to combat heavy metal toxicity. *Journal of Environmental Management*, **2021**, 296, 113231	7.9	8
417	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
416	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
415	Pyrolysis of almond (Prunus amygdalus) shells: Kinetic analysis, modelling, energy assessment and technical feasibility studies. *Bioresource Technology*, **2021**, 337, 125466	11	10
414	Technological perspectives for utilisation of waste glycerol for the production of biofuels: A review. *Environmental Technology and Innovation*, **2021**, 24, 101902	7	14
413	Strategies and advances in the pretreatment of microalgal biomass. *Journal of Biotechnology*, **2021**, 341, 63-75	3.7	5
412	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
411	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
410	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
409	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
408	Production and applications of polylactic acid **2021**, 309-357		2
407	Waste Biorefinery Development Toward Circular Bioeconomy With a Focus on Life-Cycle Assessment **2021**, 199-230		2
406	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
405	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
404	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
403	Valorization of cashew nut processing residues for industrial applications. *Industrial Crops and Products*, **2020**, 152, 112550	5.9	26
402	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

401	Remodeling agro-industrial and food wastes into value-added bioactives and biopolymers. *Industrial Crops and Products*, **2020**, 154, 112621	5.9	31
400	Critical Review on Biochar-Supported Catalysts for Pollutant Degradation and Sustainable Biorefinery. *Advanced Sustainable Systems*, **2020**, 4, 1900149	5.9	44
399	Succession of keratin-degrading bacteria and associated health risks during pig manure composting. *Journal of Cleaner Production*, **2020**, 258, 120624	10.3	18
398	Lignocellulosic bio-refinery approach for microbial 2,3-Butanediol production. *Bioresource Technology*, **2020**, 302, 122873	11	35
397	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
396	Effect of biochar on emission, maturity and bacterial dynamics during sheep manure compositing. *Renewable Energy*, **2020**, 152, 421-429	8.1	18
395	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
394	Fungal endoinulinase production from raw Asparagus inulin for the production of fructooligosaccharides. *Bioresource Technology Reports*, **2020**, 10, 100417	4.1	9
393	Bacterial polyhydroxyalkanoates: Opportunities, challenges, and prospects. *Journal of Cleaner Production*, **2020**, 263, 121500	10.3	67
392	Conventional and Alternative Strategies of Pretreatment of Chili Postharvest Residue for the Production of Different Value-Added Products. *Applied Environmental Science and Engineering for A Sustainable Future*, **2020**, 191-201	0.5	
391	Organic solid waste biorefinery: Sustainable strategy for emerging circular bioeconomy in China. *Industrial Crops and Products*, **2020**, 153, 112568	5.9	51
390	Assessing the impact of industrial waste on environment and mitigation strategies: A comprehensive review. *Journal of Hazardous Materials*, **2020**, 398, 123019	12.8	38
389	Bioengineering advancements, innovations and challenges on green synthesis of 2, 5-furan dicarboxylic acid. *Bioengineered*, **2020**, 11, 19-38	5.7	17
388	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
387	Biochemical conversion of biodiesel by-product into malic acid: A way towards sustainability. *Science of the Total Environment*, **2020**, 709, 136206	10.2	12
386	Bacterial production of fatty acid and biodiesel: opportunity and challenges **2020**, 21-49		8
385	Agroresidue-based biorefineries **2020**, 243-258		2
384	Pretreatment strategies for enhanced biogas production from lignocellulosic biomass. *Bioresource Technology*, **2020**, 301, 122725	11	167

383	Microbial strategies for bio-transforming food waste into resources. *Bioresource Technology*, **2020**, 299, 122580	11	130
382	Statistical optimization of solid-state fermentation for the production of fungal inulinase from apple pomace. *Bioresource Technology Reports*, **2020**, 9, 100364	4.1	15
381	Microalgal Biorefineries for Industrial Products **2020**, 187-195		9
380	Nanocellulose-based products for sustainable applications-recent trends and possibilities. *Reviews in Environmental Science and Biotechnology*, **2020**, 19, 779-806	13.9	32
379	Biotechnological potential of as a source of novel biocatalysts and metabolites. *Critical Reviews in Biotechnology*, **2020**, 40, 1019-1034	9.4	13
378	Oilfield waste treatment using novel hydrocarbon utilizing bacterial consortium - A microcosm approach. *Science of the Total Environment*, **2020**, 745, 141043	10.2	19
377	Sustainable and eco-friendly strategies for shrimp shell valorization. *Environmental Pollution*, **2020**, 267, 115656	9.3	25
376	Delignification of cotton stalks using sodium cumene sulfonate for bioethanol production. *Biofuels*, **2020**, 11, 431-440	2	10
375	Evaluation of Freshwater Microalgal Isolates for Growth and Oil Production in Seawater Medium. *Waste and Biomass Valorization*, **2020**, 11, 223-230	3.2	8
374	Promising enzymes for biomass processing **2020**, 245-271		4
373	Use of Different Enzymes in Biorefinery Systems **2020**, 357-368		3
372	Current status of global warming potential reduction by cleaner composting. *Energy and Environment*, **2019**, 0958305X1988241	2.4	1
371	Rapid degradation of the organophosphate pesticide - Chlorpyrifos by a novel strain of Pseudomonas nitroreducens AR-3. *Bioresource Technology*, **2019**, 292, 122025	11	43
370	Thermostable phytase in feed and fuel industries. *Bioresource Technology*, **2019**, 278, 400-407	11	34
369	Biofuel Production From Biomass: Toward Sustainable Development **2019**, 79-92		25
368	Enzyme Catalysis: A Workforce to Productivity of Textile Industry **2019**, 49-65		2
367	Genomics of Lactic Acid Bacteria for Glycerol Dissimilation. *Molecular Biotechnology*, **2019**, 61, 562-578	3	6
366	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

365	Bio-butanol production from rice straw Recent trends, possibilities, and challenges. *Bioresource Technology Reports*, **2019**, 7, 100224	4.1	27
364	Biological pretreatment of lignocellulosic biomass Current trends and future perspectives **2019**, 197-212		19
363	Conversion of food and kitchen waste to value-added products. *Journal of Environmental Management*, **2019**, 241, 619-630	7.9	105
362	Genomic analysis of carbon dioxide sequestering bacterium for exopolysaccharides production. *Scientific Reports*, **2019**, 9, 4270	4.9	19
361	Biotransformation of 5-hydroxymethylfurfural by Acinetobacter oleivorans S27 for the synthesis of furan derivatives. *Bioresource Technology*, **2019**, 282, 88-93	11	17
360	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
359	Microbial Enzymes An Overview **2019**, 1-40		18
358	Cassava starch hydrolysate as sustainable carbon source for exopolysaccharide production by Lactobacillus plantarum. *Bioresource Technology Reports*, **2019**, 6, 85-88	4.1	7
357	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
356	Enzymes for second generation biofuels: Recent developments and future perspectives. *Bioresource Technology Reports*, **2019**, 5, 317-325	4.1	89
355	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
354	Lignocellulosic Bioethanol: Current Status and Future Perspectives **2019**, 331-354		16
353	Production of Celluloytic Enzymes for Lignocellulosic Biomass Hydrolysis **2019**, 401-426		2
352	Recent advances in microbial production of malic acid from renewable byproducts. *Reviews in Environmental Science and Biotechnology*, **2019**, 18, 579-595	13.9	14
351	Advances in Biofuel Production by Strain Development in Yeast from Lignocellulosic Biomass **2019**, 289-302		1
350	Influence of aeration, agitation and process duration on fungal inulinase production from paneer whey in a stirred tank reactor. *Bioresource Technology Reports*, **2019**, 8, 100343	4.1	5
349	Enzymes Production From Food Waste and Their Application. *Advances in Environmental Engineering and Green Technologies Book Series*, **2019**, 1-19	0.4	
348	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

347	Industrial Enzymes as Feed Supplements: Advantages to Nutrition and Global Environment. *Energy, Environment, and Sustainability*, **2019**, 293-304	0.8	7
346	Biotechnological potential of yeasts in functional food industry. *Trends in Food Science and Technology*, **2019**, 83, 129-137	15.3	53
345	Simultaneous saccharification and fermentation of oil palm front for the production of 2,3-butanediol. *Bioresource Technology*, **2019**, 278, 145-149	11	26
344	Thermostable cellulases: Current status and perspectives. *Bioresource Technology*, **2019**, 279, 385-392	11	103
343	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
342	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
341	Biocatalytic strategies for the production of high fructose syrup from inulin. *Bioresource Technology* , **2018**, 260, 395-403	11	48
340	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
339	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
338	Pentose rich acid pretreated liquor as co-substrate for 1,3-propanediol production. *Renewable Energy*, **2018**, 129, 794-799	8.1	21
337	SSF production, purification and characterization of chitin deacetylase from Aspergillus flavus. *Biocatalysis and Biotransformation*, **2018**, 36, 296-306	2.5	6
336	Genomic and proteomic analysis of lignin degrading and polyhydroxyalkanoate accumulating Ɛproteobacterium sp. ISTKB. *Biotechnology for Biofuels*, **2018**, 11, 154	7.8	61
335	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
334	Advances in Solid-State Fermentation **2018**, 1-17		16
333	Design of Bioreactors in Solid-State Fermentation **2018**, 83-96		9
332	Kinetics of the Solid-State Fermentation Process **2018**, 57-82		4
331	Solid-State Fermentation of Carrot Pomace for the Production of Inulinase by Penicillium oxalicum BGPUP-4. *Food Technology and Biotechnology*, **2018**, 56,	2.1	19
330	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

329	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	
328	Algal Green Energy R&D and technological perspectives for biodiesel production. *Renewable and Sustainable Energy Reviews*, **2018**, 82, 2946-2969	16.2	82
327	Carbon-Increasing Catalytic Strategies for Upgrading Biomass into Energy-Intensive Fuels and Chemicals. *ACS Catalysis*, **2018**, 8, 148-187	13.1	188
326	Production of Pectinase from MPTD1. *Food Technology and Biotechnology*, **2018**, 56, 110-116	2.1	17
325	Applications of Microbial Enzymes in Food Industry. *Food Technology and Biotechnology*, **2018**, 56, 16-30	2.1	258
324	Zinc oxide phytase nanocomposites as contributory tools to improved thermostability and shelflife. *Bioresource Technology Reports*, **2018**, 3, 1-6	4.1	9
323	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
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