

Mohammad J Taherzadeh

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

383
papers

15,451
citations

63
h-index

108
g-index

426
ext. papers

18,333
ext. citations

6.4
avg, IF

7.44
L-index

#	Paper	IF	Citations
383	Agricultural waste biorefinery development towards circular bioeconomy. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 158, 112122	16.2	13
382	Factors influencing pressure-driven membrane-assisted volatile fatty acids recovery and purification-A review.. <i>Science of the Total Environment</i> , 2022 , 817, 152993	10.2	7
381	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. <i>Journal of Cleaner Production</i> , 2022 , 341, 130862	10.3	9
380	Biotechnological strategies for bio-transforming biosolid into resources toward circular bio-economy: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 156, 111987	16.2	10
379	Aspects that affect tasting studies of emerging food $\bar{\alpha}$ review. <i>Future Foods</i> , 2022 , 5, 100109	3.3	0
378	Recent trends and developments on integrated biochemical conversion process for valorization of dairy waste to value added bioproducts: A review. <i>Bioresource Technology</i> , 2022 , 344, 126193	11	7
377	Invasive weed optimization coupled biomass and product dynamics of tuning soybean husk towards lipolytic enzyme. <i>Bioresource Technology</i> , 2022 , 344, 126254	11	1
376	Production of biosurfactants from agro-industrial waste and waste cooking oil in a circular bioeconomy: An overview. <i>Bioresource Technology</i> , 2022 , 343, 126059	11	18
375	Waste-derived volatile fatty acids for sustainable ruminant feed supplementation 2022 , 407-430		
374	Microbiological insights into anaerobic digestion for biogas, hydrogen or volatile fatty acids (VFAs): a review.. <i>Bioengineered</i> , 2022 , 13, 6521-6557	5.7	7
373	Microbial electrolysis: a promising approach for treatment and resource recovery from industrial wastewater.. <i>Bioengineered</i> , 2022 , 13, 8115-8134	5.7	0
372	Sustainable strategies for combating hydrocarbon pollution: Special emphasis on mobil oil bioremediation.. <i>Science of the Total Environment</i> , 2022 , 155083	10.2	3
371	Double-stage membrane-assisted anaerobic digestion process intensification for production and recovery of volatile fatty acids from food waste.. <i>Science of the Total Environment</i> , 2022 , 154084	10.2	2
370	Demo-scale production of protein-rich fungal biomass from potato protein liquor for use as innovative food and feed products. <i>Food Bioscience</i> , 2022 , 47, 101637	4.9	4
369	Bacterial dynamics during the anaerobic digestion of toxic citrus fruit waste and semi-continues volatile fatty acids production in membrane bioreactors. <i>Fuel</i> , 2022 , 319, 123812	7.1	2
368	Comprehensive review on biotechnological production of hyaluronic acid: status, innovation, market and applications.. <i>Bioengineered</i> , 2022 , 13, 9645-9661	5.7	1
367	Application of Fungal Biomass for the Development of New Polylactic Acid-Based Biocomposites.. <i>Polymers</i> , 2022 , 14,	4.5	3

366	Current challenges of high-solid anaerobic digestion and possible measures for its effective applications: a review. 2022 , 15, 52		0
365	Prediction of phenolic compounds and glucose content from dilute inorganic acid pretreatment of lignocellulosic biomass using artificial neural network modeling. <i>Bioresources and Bioprocessing</i> , 2021 , 8,	5.2	1
364	MicroRNA-mediated bioengineering for climate-resilience in crops. <i>Bioengineered</i> , 2021 , 12, 10430-10456.	5.7	3
363	A Glimpse of the World of Volatile Fatty Acids Production and Application: A review. <i>Bioengineered</i> , 2021 ,	5.7	3
362	Filamentous Fungus for Food: From Submerged Cultivation to Fungal Burgers and Their Sensory Evaluation-A Pilot Study. <i>Foods</i> , 2021 , 10,	4.9	3
361	Functional Foods as a formulation ingredients in beverages: Technological Advancements and Constraints. <i>Bioengineered</i> , 2021 ,	5.7	2
360	Valorization of vinasse and whey to protein and biogas through an environmental fungi-based biorefinery. <i>Journal of Environmental Management</i> , 2021 , 303, 114138	7.9	0
359	Polyhydroxyalkanoates (PHAs) Production from Volatile Fatty Acids (VFAs) from Organic Wastes by <i>Pseudomonas oleovorans</i> . <i>Fermentation</i> , 2021 , 7, 287	4.7	1
358	Enhanced Volatile Fatty Acid Production from Oil Palm Empty Fruit Bunch through Acidogenic Fermentation A Novel Resource Recovery Strategy for Oil Palm Empty Fruit Bunch. <i>Fermentation</i> , 2021 , 7, 263	4.7	1
357	Correlations between the Chemical, Microbiological Characteristics and Sensory Profile of Fungal Fermented Food. <i>Fermentation</i> , 2021 , 7, 261	4.7	2
356	Evaluation of the Cultivation of <i>Aspergillus oryzae</i> on Organic Waste-Derived VFA Effluents and Its Potential Application as Alternative Sustainable Nutrient Source for Animal Feed. <i>Sustainability</i> , 2021 , 13, 12489	3.6	1
355	Application of cell culture technology and genetic engineering for production of future foods and crop improvement to strengthen food security. <i>Bioengineered</i> , 2021 , 12, 11305-11330	5.7	6
354	The role of filamentous fungi in advancing the development of a sustainable circular bioeconomy.. <i>Bioresource Technology</i> , 2021 , 345, 126531	11	4
353	Potential utilization of dairy industries by-products and wastes through microbial processes: A critical review.. <i>Science of the Total Environment</i> , 2021 , 810, 152253	10.2	7
352	Exploring the potential of ligninolytic armory for lignin valorization A way forward for sustainable and cleaner production. <i>Journal of Cleaner Production</i> , 2021 , 326, 129420	10.3	7
351	Bioengineered microbial platforms for biomass-derived biofuel production - A review. <i>Chemosphere</i> , 2021 , 288, 132528	8.4	9
350	A critical review on advances in the practices and perspectives for the treatment of dye industry wastewater. <i>Bioengineered</i> , 2021 , 12, 70-87	5.7	123
349	Carbon availability shifts the nitrogen removal pathway and microbial community in biofilm airlift reactor. <i>Bioresource Technology</i> , 2021 , 323, 124568	11	2

348	Sequential presence of heavy metal resistant fungal communities influenced by biochar amendment in the poultry manure composting process. <i>Journal of Cleaner Production</i> , 2021 , 291, 125947 ^{10.3}	13
347	Current research trends on micro- and nano-plastics as an emerging threat to global environment: A review. <i>Journal of Hazardous Materials</i> , 2021 , 409, 124967	12.8 56
346	Solid-state fermentation of stale bread by an edible fungus in a semi-continuous plug-flow bioreactor. <i>Biochemical Engineering Journal</i> , 2021 , 169, 107959	4.2 3
345	A randomized, double-blind, placebo-controlled, clinical trial to evaluate the benefits of Nigella sativa seeds oil in reducing cardiovascular risks in hypertensive patients. <i>Phytotherapy Research</i> , 2021 , 35, 4388-4400	6.7 3
344	The effect of mono- and multiple fermentation parameters on volatile fatty acids (VFAs) production from chicken manure via anaerobic digestion. <i>Bioresource Technology</i> , 2021 , 330, 124992	11 16
343	From surplus bread to burger using filamentous fungi at bakeries: Techno-economical evaluation. <i>Cleaner Environmental Systems</i> , 2021 , 2, 100020	2 3
342	A critical review on the development stage of biorefinery systems towards the management of apple processing-derived waste. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 143, 110972	16.2 31
341	Valorization of Bread Waste to a Fiber- and Protein-Rich Fungal Biomass. <i>Fermentation</i> , 2021 , 7, 91	4.7 12
340	Semi-continuous production of volatile fatty acids from citrus waste using membrane bioreactors. <i>Innovative Food Science and Emerging Technologies</i> , 2021 , 67, 102545	6.8 3
339	Bio-based rhamnolipids production and recovery from waste streams: Status and perspectives. <i>Bioresource Technology</i> , 2021 , 319, 124213	11 26
338	Membrane bioreactor-assisted volatile fatty acids production and in situ recovery from cow manure. <i>Bioresource Technology</i> , 2021 , 321, 124456	11 18
337	Can biochar regulate the fate of heavy metals (Cu and Zn) resistant bacteria community during the poultry manure composting?. <i>Journal of Hazardous Materials</i> , 2021 , 406, 124593	12.8 25
336	Resource recovery and biorefinery potential of apple orchard waste in the circular bioeconomy. <i>Bioresource Technology</i> , 2021 , 321, 124496	11 39
335	Production of L-carnitine-enriched edible filamentous fungal biomass through submerged cultivation. <i>Bioengineered</i> , 2021 , 12, 358-368	5.7 10
334	. <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , 2021 , 5, 168-178	2.8 5
333	Conversion of fish processing wastewater into fish feed ingredients through submerged cultivation of <i>Aspergillus oryzae</i> . <i>Systems Microbiology and Biomanufacturing</i> , 2021 , 1, 100-110	14
332	Volatile Fatty Acids (VFAs) Generated by Anaerobic Digestion Serve as Feedstock for Freshwater and Marine Oleaginous Microorganisms to Produce Biodiesel and Added-Value Compounds. <i>Frontiers in Microbiology</i> , 2021 , 12, 614612	5.7 12
331	Challenges for Microbial and Thermochemical Transformation Toward Circular Bioeconomy 2021 , 749-779	

330	Microbial Conversion of Food Waste: Volatile Fatty Acids Platform 2021 , 205-233		0
329	Petroleum waste biorefinery: A way towards circular economy 2021 , 375-389		1
328	digestion models: a critical review for human and fish and a protocol for digestion in fish. <i>Bioengineered</i> , 2021 , 12, 3040-3064	5.7	1
327	Techno-economics and life-cycle assessment of biological and thermochemical treatment of bio-waste. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 144, 110837	16.2	39
326	Sustainable blueberry waste recycling towards biorefinery strategy and circular bioeconomy: A review. <i>Bioresource Technology</i> , 2021 , 332, 125181	11	21
325	Evaluation of Nutritional Composition of Pure Filamentous Fungal Biomass as a Novel Ingredient for Fish Feed. <i>Fermentation</i> , 2021 , 7, 152	4.7	3
324	The Use of Life Cycle Assessment in the Support of the Development of Fungal Food Products from Surplus Bread. <i>Fermentation</i> , 2021 , 7, 173	4.7	2
323	Retrofitting analysis of a biorefinery: Integration of 1st and 2nd generation ethanol through organosolv pretreatment of oat husks and fungal cultivation. <i>Bioresource Technology Reports</i> , 2021 , 15, 100762	4.1	1
322	Fungal dynamics during anaerobic digestion of sewage sludge combined with food waste at high organic loading rates in immersed membrane bioreactors. <i>Bioresource Technology</i> , 2021 , 335, 125296	11	13
321	Integrated process for protein, pigments, and biogas production from baker's yeast wastewater using filamentous fungi. <i>Bioresource Technology</i> , 2021 , 337, 125356	11	4
320	Starch and protein recovery from brewer's spent grain using hydrothermal pretreatment and their conversion to edible filamentous fungi - A brewery biorefinery concept. <i>Bioresource Technology</i> , 2021 , 337, 125409	11	14
319	Patterns of heavy metal resistant bacterial community succession influenced by biochar amendment during poultry manure composting. <i>Journal of Hazardous Materials</i> , 2021 , 420, 126562	12.8	20
318	Cultivation of edible filamentous fungus <i>Aspergillus oryzae</i> on volatile fatty acids derived from anaerobic digestion of food waste and cow manure. <i>Bioresource Technology</i> , 2021 , 337, 125410	11	6
317	Microbial dynamics during anaerobic digestion of sewage sludge combined with food waste at high organic loading rates in immersed membrane bioreactors. <i>Fuel</i> , 2021 , 303, 121276	7.1	16
316	Date fruit processing waste and approaches to its valorization: A review. <i>Bioresource Technology</i> , 2021 , 340, 125625	11	7
315	A review on integrated approaches for municipal solid waste for environmental and economical relevance: Monitoring tools, technologies, and strategic innovations. <i>Bioresource Technology</i> , 2021 , 342, 125982	11	18
314	Methanogen and nitrifying genes dynamics in immersed membrane bioreactors during anaerobic co-digestion of different organic loading rates food waste. <i>Bioresource Technology</i> , 2021 , 342, 125920	11	4
313	The effect of temperature and styrene concentration on biogas production and degradation characteristics during anaerobic removal of styrene from wastewater. <i>Bioresource Technology</i> , 2021 , 342, 125988	11	3

312	Bioremediation of organic contaminants based on biowaste composting practices 2021 , 701-714		2
311	The Application of Fungal Biomass as Feed 2021 , 601-612		2
310	Production of polyhydroxyalkanoates (PHAs) by using food waste acidogenic fermentation-derived volatile fatty acids. <i>Bioengineered</i> , 2021 , 12, 2480-2498	5.7	12
309	Recovery of resources from industrial wastewater employing electrochemical technologies: status, advancements and perspectives. <i>Bioengineered</i> , 2021 , 12, 4697-4718	5.7	22
308	New Insights on Protein Recovery from Olive Oil Mill Wastewater through Bioconversion with Edible Filamentous Fungi. <i>Processes</i> , 2020 , 8, 1210	2.9	13
307	Techno-Economic Analysis of Bioethanol Plant By-Product Valorization: Exploring Market Opportunities with Protein-Rich Fungal Biomass Production. <i>Fermentation</i> , 2020 , 6, 99	4.7	6
306	Refining biomass residues for sustainable energy and bio-products: An assessment of technology, its importance, and strategic applications in circular bio-economy. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 127, 109876	16.2	98
305	Biorefining Oat Husks into High-Quality Lignin and Enzymatically Digestible Cellulose with Acid-Catalyzed Ethanol Organosolv Pretreatment. <i>Processes</i> , 2020 , 8, 435	2.9	10
304	Upgrading the anaerobic membrane bioreactor treatment of chicken manure by introducing in-situ ammonia stripping and hyper-thermophilic pretreatment. <i>Bioresource Technology</i> , 2020 , 310, 123470	11	6
303	From stale bread and brewers spent grain to a new food source using edible filamentous fungi. <i>Bioengineered</i> , 2020 , 11, 582-598	5.7	29
302	Integrated Biorefineries for the Production of Bioethanol, Biodiesel, and Other Commodity Chemicals 2020 , 465-488		1
301	Bioprocessing strategies to increase the protein fraction of <i>Rhizopus oryzae</i> biomass using fish industry sidestreams. <i>Waste Management</i> , 2020 , 113, 261-269	8.6	16
300	Recovery of High Purity Lignin and Digestible Cellulose from Oil Palm Empty Fruit Bunch Using Low Acid-Catalyzed Organosolv Pretreatment. <i>Agronomy</i> , 2020 , 10, 674	3.6	17
299	Assessment of Microbiological Quality and Mycotoxin in Dried Chili by Morphological Identification, Molecular Detection, and Chromatography Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7
298	Efficacy of polyextremophilic <i>Aeribacillus pallidus</i> on bioprocessing of beet vinasse derived from ethanol industries. <i>Bioresource Technology</i> , 2020 , 313, 123662	11	5
297	Denitrification performance and microbial communities of solid-phase denitrifying reactors using poly (butylene succinate)/bamboo powder composite. <i>Bioresource Technology</i> , 2020 , 305, 123033	11	16
296	Pretreatment technologies for anaerobic digestion of lignocelluloses and toxic feedstocks. <i>Bioresource Technology</i> , 2020 , 304, 122998	11	63
295	Concentration-driven reverse membrane bioreactor for the fermentation of highly inhibitory lignocellulosic hydrolysate. <i>Process Biochemistry</i> , 2020 , 92, 409-416	4.8	3

294	Effect of pH, substrate loading, oxygen, and methanogens inhibitors on volatile fatty acid (VFA) production from citrus waste by anaerobic digestion. <i>Bioresource Technology</i> , 2020 , 302, 122800	11	61
293	Emerging applications of biochar: Improving pig manure composting and attenuation of heavy metal mobility in mature compost. <i>Journal of Hazardous Materials</i> , 2020 , 389, 122116	12.8	48
292	Anaerobic digestion of food waste to volatile fatty acids and hydrogen at high organic loading rates in immersed membrane bioreactors. <i>Renewable Energy</i> , 2020 , 152, 1140-1148	8.1	49
291	The diversity of microbial community and function varied in response to different agricultural residues composting. <i>Science of the Total Environment</i> , 2020 , 715, 136983	10.2	30
290	MBR-Assisted VFAs Production from Excess Sewage Sludge and Food Waste Slurry for Sustainable Wastewater Treatment. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2921	2.6	24
289	The Effect of Calcium/Magnesium Ratio on the Biomass Production of a Novel Thermoalkaliphilic <i>Aeribacillus pallidus</i> Strain with Highly Heat-Resistant Spores. <i>Current Microbiology</i> , 2020 , 77, 2565-2574 ^{2.4}		4
288	Removal of organic micro-pollutants using filamentous fungi 2020 , 363-395		4
287	Utilization of food waste-derived volatile fatty acids for production of edible <i>Rhizopus oligosporus</i> fungal biomass. <i>Bioresource Technology</i> , 2020 , 310, 123444	11	22
286	Organic solid waste biorefinery: Sustainable strategy for emerging circular bioeconomy in China. <i>Industrial Crops and Products</i> , 2020 , 153, 112568	5.9	51
285	Recycling strategies for polyhydroxyalkanoate-based waste materials: An overview. <i>Bioresource Technology</i> , 2020 , 298, 122393	11	38
284	Nitrogen Removal Performance and Metabolic Pathways Analysis of a Novel Aerobic Denitrifying Halotolerant strain RAD-17. <i>Microorganisms</i> , 2020 , 8,	4.9	23
283	Resource recovery and circular economy from organic solid waste using aerobic and anaerobic digestion technologies. <i>Bioresource Technology</i> , 2020 , 301, 122778	11	152
282	Improving the economy of lignocellulose-based biorefineries with organosolv pretreatment. <i>Bioresource Technology</i> , 2020 , 299, 122695	11	66
281	Factors influencing volatile fatty acids production from food wastes via anaerobic digestion. <i>Bioengineered</i> , 2020 , 11, 39-52	5.7	53
280	Partial replacement of urea-formaldehyde adhesive with fungal biomass and soy flour in plywood fabrication. <i>Journal of Adhesion Science and Technology</i> , 2020 , 34, 1371-1384	2	6
279	Sustainability analysis of large-scale food waste composting 2020 , 301-322		2
278	A Critical Review on the Ubiquitous Role of Filamentous Fungi in Pollution Mitigation. <i>Current Pollution Reports</i> , 2020 , 6, 295-309	7.6	10
277	Engineering biocatalytic material for the remediation of pollutants: A comprehensive review. <i>Environmental Technology and Innovation</i> , 2020 , 20, 101063	7	51

276	Fungi Burger from Stale Bread? A Case Study on Perceptions of a Novel Protein-Rich Food Product Made from an Edible Fungus. <i>Foods</i> , 2020 , 9,	4.9	16
275	Steam Explosion Pretreatment of Sludge for Pharmaceutical Removal and Heavy Metal Release to Improve Biodegradability and Biogas Production. <i>Fermentation</i> , 2020 , 6, 34	4.7	2
274	Dry Anaerobic Co-Digestion of Citrus Wastes with Keratin and Lignocellulosic Wastes: Batch And Continuous Processes. <i>Waste and Biomass Valorization</i> , 2020 , 11, 423-434	3.2	12
273	Feasibility of membrane processes for the recovery and purification of bio-based volatile fatty acids: A comprehensive review. <i>Journal of Industrial and Engineering Chemistry</i> , 2020 , 81, 24-40	6.3	53
272	Intensification of lignocellulosic bioethanol production process using continuous double-staged immersed membrane bioreactors. <i>Bioresource Technology</i> , 2020 , 296, 122314	11	7
271	Finding Solvent for Polyamide 11 Using a Computer Software. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 517-529	3.1	1
270	Effect of organic compounds on dry anaerobic digestion of food and paper industry wastes. <i>Bioengineered</i> , 2020 , 11, 502-509	5.7	4
269	Brewing process development by integration of edible filamentous fungi to upgrade the quality of brewer's spent grain (BSG). <i>BioResources</i> , 2020 , 16, 1686-1701	1.3	5
268	Bioengineering of anaerobic digestion for volatile fatty acids, hydrogen or methane production: A critical review. <i>Bioengineered</i> , 2019 , 10, 437-458	5.7	189
267	Challenges of biogas implementation in developing countries. <i>Current Opinion in Environmental Science and Health</i> , 2019 , 12, 30-37	8.1	29
266	A critical review of organic manure biorefinery models toward sustainable circular bioeconomy: Technological challenges, advancements, innovations, and future perspectives. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 111, 115-131	16.2	105
265	Dry Anaerobic Digestion of Food and Paper Industry Wastes at Different Solid Contents. <i>Fermentation</i> , 2019 , 5, 40	4.7	14
264	Floating Membrane Bioreactors with High Gas Hold-Up for Syngas-to-Biomethane Conversion. <i>Energies</i> , 2019 , 12, 1046	3.1	11
263	Rapid anaerobic digestion of organic solid residuals for biogas production using flocculating bacteria and membrane bioreactors – a critical review. <i>Biofuels, Bioproducts and Biorefining</i> , 2019 , 13, 1119-1132	5.3	10
262	The Effect of Glycerol, Sugar, and Maleic Anhydride on Pectin-Cellulose Thin Films Prepared from Orange Waste. <i>Polymers</i> , 2019 , 11,	4.5	9
261	Post-treatment of Fungal Biomass to Enhance Pigment Production. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 189, 160-174	3.2	9
260	Fermentation processes for second-generation biofuels 2019 , 241-272		7
259	Development of Bio-Based Films and 3D Objects from Apple Pomace. <i>Polymers</i> , 2019 , 11,	4.5	25

258	Combining submerged and solid state fermentation to convert waste bread into protein and pigment using the edible filamentous fungus <i>N. intermedia</i> . <i>Waste Management</i> , 2019 , 97, 63-70	8.6	34
257	Agricultural, Industrial, Municipal, and Forest Wastes 2019 , 1-22		30
256	Waste Biorefinery 2019 , 35-52		13
255	Fermentation Inhibitors in Ethanol and Biogas Processes and Strategies to Counteract Their Effects 2019 , 461-499		9
254	Mycoprotein: environmental impact and health aspects. <i>World Journal of Microbiology and Biotechnology</i> , 2019 , 35, 147	4.4	39
253	Bioconversion of pretreated wheat straw to ethanol by <i>Monascus purpureus</i> CBS 109.07 and <i>Fusarium venenatum</i> ATCC 20334 using simultaneous saccharification and fermentation. <i>Biodiversitas</i> , 2019 , 20,	1.5	2
252	Effect of steam explosion on the structural modification of rice straw for enhanced biodegradation and biogas production 2019 , 14, 464-485		8
251	Local knowledge on landscape sustainable-hydrological management reduces soil CO ₂ emission, fire risk and biomass loss in West Kalimantan Peatland, Indonesia. <i>Biodiversitas</i> , 2019 , 20, 725-731	1.5	4
250	Amylase and Xylanase from Edible Fungus : Production and Characterization. <i>Molecules</i> , 2019 , 24,	4.8	8
249	Evaluation of Filamentous Fungal Biomass Cultivated on Vinasse as an Alternative Nutrient Source of Fish Feed: Protein, Lipid, and Mineral Composition. <i>Fermentation</i> , 2019 , 5, 99	4.7	40
248	Energy recovery from industrial crop wastes by dry anaerobic digestion: A review. <i>Industrial Crops and Products</i> , 2019 , 129, 673-687	5.9	43
247	Dynamics of fungal diversity and interactions with environmental elements in response to wheat straw biochar amended poultry manure composting. <i>Bioresource Technology</i> , 2019 , 274, 410-417	11	28
246	Evaluating the impact of bamboo biochar on the fungal community succession during chicken manure composting. <i>Bioresource Technology</i> , 2019 , 272, 308-314	11	38
245	Food waste-derived volatile fatty acids platform using an immersed membrane bioreactor. <i>Bioresource Technology</i> , 2019 , 274, 329-334	11	50
244	Edible Protein Production by Filamentous Fungi using Starch Plant Wastewater. <i>Waste and Biomass Valorization</i> , 2019 , 10, 2487-2496	3.2	29
243	Does the second messenger cAMP have a more complex role in controlling filamentous fungal morphology and metabolite production?. <i>MicrobiologyOpen</i> , 2018 , 7, e00627	3.4	2
242	Hydrothermal processing as pretreatment for efficient production of ethanol and biogas from municipal solid waste. <i>Bioresource Technology</i> , 2018 , 261, 166-175	11	44
241	Vegan-mycoprotein concentrate from pea-processing industry byproduct using edible filamentous fungi. <i>Fungal Biology and Biotechnology</i> , 2018 , 5, 5	7.5	46

240	Rhamnolipid as new bio-agent for cleaning of ultrafiltration membrane fouled by whey. <i>Engineering in Life Sciences</i> , 2018 , 18, 272-280	3.4	15
239	Effect of media rheology and bioreactor hydrodynamics on filamentous fungi fermentation of lignocellulosic and starch-based substrates under pseudoplastic flow conditions. <i>Bioresource Technology</i> , 2018 , 263, 250-257	11	6
238	Inhibition of patchouli oil for anaerobic digestion and enhancement in methane production using reverse membrane bioreactors. <i>Renewable Energy</i> , 2018 , 129, 748-753	8.1	9
237	Biochemicals from food waste and recalcitrant biomass via syngas fermentation: A review. <i>Bioresource Technology</i> , 2018 , 248, 113-121	11	73
236	A comparison of process performance during the anaerobic mono- and co-digestion of slaughterhouse waste through different operational modes. <i>Journal of Environmental Sciences</i> , 2018 , 64, 149-156	6.4	15
235	Integrated Process for Ethanol, Biogas, and Edible Filamentous Fungi-Based Animal Feed Production from Dilute Phosphoric Acid-Pretreated Wheat Straw. <i>Applied Biochemistry and Biotechnology</i> , 2018 , 184, 48-62	3.2	37
234	Changes in carbon footprint when integrating production of filamentous fungi in 1st generation ethanol plants. <i>Bioresource Technology</i> , 2018 , 249, 1069-1073	11	9
233	Pigment Production by the Edible Filamentous Fungus <i>Neurospora Intermedia</i> . <i>Fermentation</i> , 2018 , 4, 11	4.7	15
232	Integration of Membrane Bioreactors with Edible Filamentous Fungi for Valorization of Expired Milk. <i>Sustainability</i> , 2018 , 10, 1940	3.6	8
231	Efficient conversion of municipal solid waste to biofuel by simultaneous dilute-acid hydrolysis of starch and pretreatment of lignocelluloses. <i>Energy Conversion and Management</i> , 2018 , 166, 569-578	10.6	53
230	Lignocellulose integration to 1G-ethanol process using filamentous fungi: fermentation prospects of edible strain of <i>Neurospora intermedia</i> . <i>BMC Biotechnology</i> , 2018 , 18, 49	3.5	6
229	Enhancing water levels of degraded, bare, tropical peatland in West Kalimantan, Indonesia: Impacts on CO ₂ emission from soil respiration. <i>Biodiversitas</i> , 2018 , 19, 472-477	1.5	3
228	Synthesis and characterization of maleic anhydride-grafted orange waste for potential use in biocomposites 2018 , 13, 4986-4997		2
227	Production of fungal biomass protein by filamentous fungi cultivation on liquid waste streams from pulping process 2018 , 13, 5013-5031		16
226	FIRE-DRIVEN BIOMASS AND PEAT CARBON LOSSES AND POST-FIRE SOIL CO ₂ EMISSION IN A WEST KALIMANTAN PEATLAND FOREST. <i>Journal of Tropical Forest Science</i> , 2018 , 30, 570-575	1	6
225	Low fouling ultrathin nanocomposite membranes for efficient removal of manganese. <i>Journal of Membrane Science</i> , 2018 , 549, 205-216	9.6	18
224	Special Issue on Bioconversion of Food Wastes. <i>Bioresource Technology</i> , 2018 , 248, 1	11	1
223	Optimization of essential oil extraction from orange peels using steam explosion. <i>Heliyon</i> , 2018 , 4, e00893	3.6	29

222	Computer-Aided Theoretical Solvent Selection using the Simplex Method Based on Hansen Solubility Parameters (HSPs). <i>Journal of Information Technology & Software Engineering</i> , 2018 , 08,		1
221	Effect of Effluent Recirculation on Biogas Production Using Two-stage Anaerobic Digestion of Citrus Waste. <i>Molecules</i> , 2018 , 23,	4.8	17
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