

# Carol Sze Ki Lin

## List of Publications by Year in descending order

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138  
papers

8,815  
citations

36303

51  
h-index

46799

89  
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149  
all docs

149  
docs citations

149  
times ranked

8580  
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of cotton and polyester, and their blended waste textile valorisation to value-added products: A circular economy approach – research trends, opportunities and challenges. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3921-3942.	12.8	24
2	Emerging waste valorisation techniques to moderate the hazardous impacts, and their path towards sustainability. <i>Journal of Hazardous Materials</i> , 2022, 423, 127023.	12.4	46
3	A waste upcycling loop: Two-factor adaptive evolution of microalgae to increase polyunsaturated fatty acid production using food waste. <i>Journal of Cleaner Production</i> , 2022, 331, 130018.	9.3	22
4	An auxin-like supermolecule to simultaneously enhance growth and cumulative eicosapentaenoic acid production in <i>Phaeodactylum tricornutum</i> . <i>Bioresource Technology</i> , 2022, 345, 126564.	9.6	11
5	Synthesis of Polyols and Organic Acids by Wild-Type and Metabolically Engineered <i>Yarrowia lipolytica</i> Strains. , 2022, , 227-250.		1
6	Sustainability-inspired upcycling of waste polyethylene terephthalate plastic into porous carbon for CO <sub>2</sub> capture. <i>Green Chemistry</i> , 2022, 24, 1494-1504.	9.0	51
7	Sustainable conversion of food waste into high-value products through microalgae-based biorefinery. , 2022, , 125-152.		0
8	Supplementation with <i>rac</i> -GR24 Facilitates the Accumulation of Biomass and Astaxanthin in Two Successive Stages of <i>Haematococcus pluvialis</i> Cultivation. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4677-4689.	5.2	13
9	Domesticating a bacterial consortium for efficient lignocellulosic biomass conversion. <i>Renewable Energy</i> , 2022, 189, 359-368.	8.9	8
10	Inhibition kinetics of bio-based succinic acid production by the yeast <i>Yarrowia lipolytica</i> . <i>Chemical Engineering Journal</i> , 2022, 442, 136273.	12.7	6
11	Bioconversion of food and lignocellulosic wastes employing sugar platform: A review of enzymatic hydrolysis and kinetics. <i>Bioresource Technology</i> , 2022, 352, 127083.	9.6	18
12	Infection control measures for public transportation derived from the flow dynamics of obstructed cough jet. <i>Journal of Aerosol Science</i> , 2022, 163, 105995.	3.8	0
13	Advancements and current challenges in the sustainable downstream processing of bacterial polyhydroxyalkanoates. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2022, 36, 100631.	5.9	12
14	Radiative Cooling Nanofabric for Personal Thermal Management. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 23577-23587.	8.0	44
15	Fermentative production of 2,3-Butanediol using bread waste – A green approach for sustainable management of food waste. <i>Bioresource Technology</i> , 2022, 358, 127381.	9.6	28
16	3-Oxoacyl acyl carrier protein reductase overexpression reveals its unprecedented roles in biofuel production and high-temperature tolerance in diatom. <i>Fuel</i> , 2022, 325, 124844.	6.4	8
17	Promising advancement in fermentative succinic acid production by yeast hosts. <i>Journal of Hazardous Materials</i> , 2021, 401, 123414.	12.4	48
18	Guiding environmental sustainability of emerging bioconversion technology for waste-derived sophorolipid production by adopting a dynamic life cycle assessment (dLCA) approach. <i>Environmental Pollution</i> , 2021, 269, 116101.	7.5	19

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19	Perspective on Constructing Cellulose-Hydrogel-Based Gut-Like Bioreactors for Growth and Delivery of Multiple-Strain Probiotic Bacteria. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4946-4959.	5.2	19
20	Synergistic bioconversion of lipids and carotenoids from food waste by <i>Dunaliella salina</i> with fulvic acid via a two-stage cultivation strategy. <i>Energy Conversion and Management</i> , 2021, 234, 113908.	9.2	24
21	Life cycle analysis of fermentative production of succinic acid from bread waste. <i>Waste Management</i> , 2021, 126, 861-871.	7.4	35
22	Characterization and evaluation of a natural derived bacterial consortium for efficient lignocellulosic biomass valorization. <i>Bioresource Technology</i> , 2021, 329, 124909.	9.6	8
23	Biotechnology of Plastic Waste Degradation, Recycling, and Valorization: Current Advances and Future Perspectives. <i>ChemSusChem</i> , 2021, 14, 4103-4114.	6.8	34
24	Impact of nitrogen deficiency on succinic acid production by engineered strains of <i>Yarrowia lipolytica</i> . <i>Journal of Biotechnology</i> , 2021, 336, 30-40.	3.8	6
25	Biotechnology of Plastic Waste Degradation, Recycling, and Valorization: Current Advances and Future Perspectives. <i>ChemSusChem</i> , 2021, 14, 3981-3981.	6.8	8
26	Bioconversion of Food Waste to produce Industrial-scale Sophorolipid Syrup and Crystals: dynamic Life Cycle Assessment (dLCA) of Emerging Biotechnologies. <i>Bioresource Technology</i> , 2021, 337, 125474.	9.6	22
27	Bioprocess development using organic biowaste and sustainability assessment of succinic acid production with engineered <i>Yarrowia lipolytica</i> strain. <i>Biochemical Engineering Journal</i> , 2021, 174, 108099.	3.6	27
28	Metabolic profiling identified phosphatidylcholin as potential biomarker in boosting lipid accumulation in multiple microalgae. <i>Biochemical Engineering Journal</i> , 2021, 174, 108130.	3.6	1
29	Biorefinery potential of chemically enhanced primary treatment sewage sludge to representative value-added chemicals - A de novo angle for wastewater treatment. <i>Bioresource Technology</i> , 2021, 339, 125583.	9.6	8
30	Enhancing the recombinant protein productivity of <i>Yarrowia lipolytica</i> using insitu fibrous bed bioreactor. <i>Bioresource Technology</i> , 2021, 340, 125672.	9.6	11
31	Methodological advances and challenges in probiotic bacteria production: Ongoing strategies and future perspectives. <i>Biochemical Engineering Journal</i> , 2021, 176, 108199.	3.6	9
32	Conversion of food waste-derived lipid to bio-based polyurethane foam. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021, 4, 100131.	6.1	9
33	New Technologies are Needed to Improve the Recycling and Upcycling of Waste Plastics. <i>ChemSusChem</i> , 2021, 14, 3982-3984.	6.8	12
34	Restructuring the sunflower-based biodiesel industry into a circular bio-economy business model converting sunflower meal and crude glycerol into succinic acid and value-added co-products. <i>Biomass and Bioenergy</i> , 2021, 155, 106265.	5.7	11
35	A review on high catalytic efficiency of solid acid catalysts for lignin valorization. <i>Bioresource Technology</i> , 2020, 298, 122432.	9.6	63
36	Enhanced polyunsaturated fatty acid production using food wastes and biofuels byproducts by an evolved strain of <i>Phaeodactylum tricornutum</i> . <i>Bioresource Technology</i> , 2020, 296, 122351.	9.6	40

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37	Enhancing succinic acid productivity in the yeast <i>Yarrowia lipolytica</i> with improved glycerol uptake rate. <i>Science of the Total Environment</i> , 2020, 702, 134911.	8.0	17
38	Efficient in-situ separation design for long-term sophorolipids fermentation with high productivity. <i>Journal of Cleaner Production</i> , 2020, 246, 118995.	9.3	32
39	Sustainability metrics of pretreatment processes in a waste derived lignocellulosic biomass biorefinery. <i>Bioresource Technology</i> , 2020, 298, 122558.	9.6	98
40	TAG pathway engineering via GPAT2 concurrently potentiates abiotic stress tolerance and oleaginity in <i>Phaeodactylum tricornutum</i> . <i>Biotechnology for Biofuels</i> , 2020, 13, 160.	6.2	33
41	Fermentation of fruit and vegetable wastes for biobased products. , 2020, , 255-273.		3
42	Recent advances on the catalytic conversion of waste cooking oil. <i>Molecular Catalysis</i> , 2020, 494, 111128.	2.0	33
43	Waste-to-resources: Opportunities and challenges. <i>Bioresource Technology</i> , 2020, 317, 123987.	9.6	25
44	Sustainable and stepwise waste-based utilisation strategy for the production of biomass and biofuels by engineered microalgae. <i>Environmental Pollution</i> , 2020, 265, 114854.	7.5	31
45	Environmental life cycle assessment of textile bio-recycling – valorizing cotton-polyester textile waste to pet fiber and glucose syrup. <i>Resources, Conservation and Recycling</i> , 2020, 161, 104989.	10.8	77
46	Sustainable lipid and lutein production from <i>Chlorella</i> mixotrophic fermentation by food waste hydrolysate. <i>Journal of Hazardous Materials</i> , 2020, 400, 123258.	12.4	67
47	Bioproduction of succinic acid from xylose by engineered <i>Yarrowia lipolytica</i> without pH control. <i>Biotechnology for Biofuels</i> , 2020, 13, 113.	6.2	43
48	Techno-economic evaluation of a biorefinery applying food waste for sophorolipid production – A case study for Hong Kong. <i>Bioresource Technology</i> , 2020, 303, 122852.	9.6	54
49	Sugar Alcohols and Organic Acids Synthesis in <i>Yarrowia lipolytica</i> : Where Are We?. <i>Microorganisms</i> , 2020, 8, 574.	3.6	54
50	Food Waste and Manure. , 2020, , 899-938.		2
51	Substrate-Related Factors Affecting Cellulosome-Induced Hydrolysis for Lignocellulose Valorization. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3354.	4.1	22
52	Recent trends in green and sustainable chemistry: rethinking textile waste in a circular economy. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2019, 20, 1-10.	5.9	42
53	Recent advancement in lignin biorefinery: With special focus on enzymatic degradation and valorization. <i>Bioresource Technology</i> , 2019, 291, 121898.	9.6	57
54	Efficient succinic acid production using a biochar-treated textile waste hydrolysate in an in situ fibrous bed bioreactor. <i>Biochemical Engineering Journal</i> , 2019, 149, 107249.	3.6	34

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55	Efficient sophorolipids production using food waste. <i>Journal of Cleaner Production</i> , 2019, 232, 1-11.	9.3	75
56	Co-fermentation of glucose and xylose from sugarcane bagasse into succinic acid by <i>Yarrowia lipolytica</i> . <i>Biochemical Engineering Journal</i> , 2019, 148, 108-115.	3.6	71
57	Cultivation of oleaginous microalga <i>Scenedesmus obliquus</i> coupled with wastewater treatment for enhanced biomass and lipid production. <i>Biochemical Engineering Journal</i> , 2019, 148, 162-169.	3.6	47
58	Microwave-Assisted Homogeneous Acid Catalysis and Chemoenzymatic Synthesis of Dialkyl Succinate in a Flow Reactor. <i>Catalysts</i> , 2019, 9, 272.	3.5	11
59	Bio-refinery of waste streams for green and efficient succinic acid production by engineered <i>Yarrowia lipolytica</i> without pH control. <i>Chemical Engineering Journal</i> , 2019, 371, 804-812.	12.7	40
60	Ultrasonic pretreatment of food waste to accelerate enzymatic hydrolysis for glucose production. <i>Ultrasonics Sonochemistry</i> , 2019, 53, 77-82.	8.2	46
61	Biorefinery of food and beverage waste valorisation for sugar syrups production: Techno-economic assessment. <i>Chemical Engineering Research and Design</i> , 2019, 121, 194-208.	5.6	23
62	Recovery of Glucose and Polyester from Textile Waste by Enzymatic Hydrolysis. <i>Waste and Biomass Valorization</i> , 2019, 10, 3763-3772.	3.4	39
63	<i>Starterella bombicola</i> : recent advances on sophorolipid production and prospects of waste stream utilization. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 999-1007.	3.2	58
64	Bio-Feedstocks. , 2019, , 167-173.		1
65	Enhanced Purification Efficiency and Thermal Tolerance of <i>Thermoanaerobacterium aotearoense</i> $\beta$ -Xylosidase through Aggregation Triggered by Short Peptides. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4182-4188.	5.2	9
66	Techno-economic analysis of a food waste valorisation process for lactic acid, lactide and poly(lactic) Tj ETQq0 0 0 rBT/Overlock 10 Tf	9.3	126
67	Valorisation of food and beverage waste via saccharification for sugars recovery. <i>Bioresource Technology</i> , 2018, 255, 67-75.	9.6	46
68	Chemical transformation of food and beverage waste-derived fructose to hydroxymethylfurfural as a value-added product. <i>Catalysis Today</i> , 2018, 314, 70-77.	4.4	47
69	Hydrolysis of fruit and vegetable waste for efficient succinic acid production with engineered <i>Yarrowia lipolytica</i> . <i>Journal of Cleaner Production</i> , 2018, 179, 151-159.	9.3	60
70	Trends in food waste valorization for the production of chemicals, materials and fuels: Case study South and Southeast Asia. <i>Bioresource Technology</i> , 2018, 248, 100-112.	9.6	132
71	Valorisation of textile waste by fungal solid state fermentation: An example of circular waste-based biorefinery. <i>Resources, Conservation and Recycling</i> , 2018, 129, 27-35.	10.8	91
72	Green and sustainable succinic acid production from crude glycerol by engineered <i>Yarrowia lipolytica</i> via agricultural residue based in situ fibrous bed bioreactor. <i>Bioresource Technology</i> , 2018, 249, 612-619.	9.6	74

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73	Recent Trends in Green and Sustainable Chemistry & Waste Valorisation: Rethinking Plastics in a circular economy. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2018, 9, 30-39.	5.9	101
74	Efficient metabolic evolution of engineered <i>Yarrowia lipolytica</i> for succinic acid production using a glucose-based medium in an in situ fibrous bioreactor under low-pH condition. <i>Biotechnology for Biofuels</i> , 2018, 11, 236.	6.2	29
75	Optimisation of fungal cellulase production from textile waste using experimental design. <i>Chemical Engineering Research and Design</i> , 2018, 118, 133-142.	5.6	43
76	Succinic acid production using a glycerol-based medium by an engineered strain of <i>Yarrowia lipolytica</i> : Statistical optimization and preliminary economic feasibility study. <i>Biochemical Engineering Journal</i> , 2018, 137, 305-313.	3.6	16
77	Textile waste valorization using submerged filamentous fungal fermentation. <i>Chemical Engineering Research and Design</i> , 2018, 118, 143-151.	5.6	49
78	High fructose syrup production from mixed food and beverage waste hydrolysate at laboratory and pilot scales. <i>Food and Bioproducts Processing</i> , 2018, 111, 141-152.	3.6	11
79	Continuous ultrasonic-mediated solvent extraction of lactic acid from fermentation broths. <i>Journal of Cleaner Production</i> , 2017, 145, 142-150.	9.3	44
80	Biotechnological Production of Organic Acids from Renewable Resources. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2017, 166, 373-410.	1.1	16
81	Mechanistic study of atenolol, acebutolol and carbamazepine adsorption on waste biomass derived activated carbon. <i>Journal of Molecular Liquids</i> , 2017, 241, 386-398.	4.9	98
82	Restoring of Glucose Metabolism of Engineered <i>Yarrowia lipolytica</i> for Succinic Acid Production via a Simple and Efficient Adaptive Evolution Strategy. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4133-4139.	5.2	51
83	Techno-Economic Study and Environmental Assessment of Food Waste Based Biorefinery. , 2017, , 121-146.		5
84	Engineering of unconventional yeast <i>Yarrowia lipolytica</i> for efficient succinic acid production from glycerol at low pH. <i>Metabolic Engineering</i> , 2017, 42, 126-133.	7.0	119
85	Waste Printed Circuit Board (PCB) Recycling Techniques. <i>Topics in Current Chemistry</i> , 2017, 375, 43.	5.8	87
86	Utilization of food waste in continuous flow cultures of the heterotrophic microalga <i>Chlorella pyrenoidosa</i> for saturated and unsaturated fatty acids production. <i>Journal of Cleaner Production</i> , 2017, 142, 1417-1424.	9.3	49
87	Bioconversion of beverage waste to high fructose syrup as a value-added product. <i>Food and Bioproducts Processing</i> , 2017, 105, 179-187.	3.6	27
88	Lactic acid fermentation modelling of <i>Streptococcus thermophilus</i> YI-B1 and <i>Lactobacillus casei</i> Shirota using food waste derived media. <i>Biochemical Engineering Journal</i> , 2017, 127, 97-109.	3.6	26
89	Recent Trends in Sustainable Textile Waste Recycling Methods: Current Situation and Future Prospects. <i>Topics in Current Chemistry</i> , 2017, 375, 76.	5.8	100
90	Efficient ZnO aqueous nanoparticle catalysed lactide synthesis for poly(lactic acid) fibre production from food waste. <i>Journal of Cleaner Production</i> , 2017, 165, 157-167.	9.3	40

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91	Study of quench effect on heavy metal uptake efficiency by an aluminosilicate-based material. <i>Chemical Engineering Journal</i> , 2017, 311, 37-45.	12.7	18
92	High efficiency succinic acid production from glycerol via in situ fibrous bed bioreactor with an engineered <i>Yarrowia lipolytica</i> . <i>Bioresource Technology</i> , 2017, 225, 9-16.	9.6	69
93	Advances on Waste Valorization: New Horizons for a More Sustainable Society. , 2017, , 23-66.		4
94	Recent Trends in Sustainable Textile Waste Recycling Methods: Current Situation and Future Prospects. <i>Topics in Current Chemistry Collections</i> , 2017, , 189-228.	0.5	27
95	Newly Developed Techniques on Polycondensation, Ring-Opening Polymerization and Polymer Modification: Focus on Poly(Lactic Acid). <i>Materials</i> , 2016, 9, 133.	2.9	114
96	Robust succinic acid production from crude glycerol using engineered <i>Yarrowia lipolytica</i> . <i>Biotechnology for Biofuels</i> , 2016, 9, 179.	6.2	131
97	Valorization of bakery waste for biocolorant and enzyme production by <i>Monascus purpureus</i> . <i>Journal of Biotechnology</i> , 2016, 231, 55-64.	3.8	62
98	Valorization of an Electronic Waste-Derived Aluminosilicate: Surface Functionalization and Porous Structure Tuning. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2980-2989.	6.7	12
99	Valorisation of food waste via fungal hydrolysis and lactic acid fermentation with <i>Lactobacillus casei</i> Shirota. <i>Bioresource Technology</i> , 2016, 217, 129-136.	9.6	101
100	Valorization of organic residues for the production of added value chemicals: A contribution to the bio-based economy. <i>Biochemical Engineering Journal</i> , 2016, 116, 3-16.	3.6	84
101	Optimization of Fermentation Medium for Extracellular Lipase Production from <i>Aspergillus niger</i> Using Response Surface Methodology. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	22
102	Fatty acid feedstock preparation and lactic acid production as integrated processes in mixed restaurant food and bakery wastes treatment. <i>Food Research International</i> , 2015, 73, 52-61.	6.2	57
103	Aqueous mercury adsorption by activated carbons. <i>Water Research</i> , 2015, 73, 37-55.	11.3	235
104	Exploring medium-chain-length polyhydroxyalkanoates production in the engineered yeast <i>Yarrowia lipolytica</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015, 42, 1255-1262.	3.0	42
105	Techno-Economic Evaluation of Biodiesel Production from Waste Cooking Oil—A Case Study of Hong Kong. <i>International Journal of Molecular Sciences</i> , 2015, 16, 4362-4371.	4.1	108
106	Solid state fermentation of waste bread pieces by <i>Aspergillus awamori</i> : Analysing the effects of airflow rate on enzyme production in packed bed bioreactors. <i>Food and Bioproducts Processing</i> , 2015, 95, 63-75.	3.6	51
107	Conversion of lipid from food waste to biodiesel. <i>Waste Management</i> , 2015, 41, 169-173.	7.4	109
108	Valorisation of mixed bakery waste in non-sterilized fermentation for L-lactic acid production by an evolved <i>Thermoanaerobacterium</i> sp. strain. <i>Bioresource Technology</i> , 2015, 198, 47-54.	9.6	37

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109	Kinetic Analysis of a Crude Enzyme Extract Produced via Solid State Fermentation of Bakery Waste. ACS Sustainable Chemistry and Engineering, 2015, 3, 2043-2048.	6.7	49
110	Techno-economic analysis of a food waste valorization process via microalgae cultivation and co-production of plasticizer, lactic acid and animal feed from algal biomass and food waste. Bioresource Technology, 2015, 198, 292-299.	9.6	117
111	Toward environmentally-benign utilization of nonmetallic fraction of waste printed circuit boards as modifier and precursor. Waste Management, 2015, 35, 236-246.	7.4	71
112	Plasticizer and Surfactant Formation from Food Waste and Algal Biomass-Derived Lipids. ChemSusChem, 2015, 8, 1686-1691.	6.8	42
113	A critical review on preparation, characterization and utilization of sludge-derived activated carbons for wastewater treatment. Chemical Engineering Journal, 2015, 260, 895-906.	12.7	335
114	Waste printed circuit board recycling techniques and product utilization. Journal of Hazardous Materials, 2015, 283, 234-243.	12.4	268
115	Fermentative Polyhydroxybutyrate Production from a Novel Feedstock Derived from Bakery Waste. BioMed Research International, 2014, 2014, 1-8.	1.9	38
116	Food Waste Valorisation for High Value Chemicals and Energy Production. ACS Symposium Series, 2014, , 187-202.	0.5	1
117	Mixed Food Waste as Renewable Feedstock in Succinic Acid Fermentation. Applied Biochemistry and Biotechnology, 2014, 174, 1822-1833.	2.9	73
118	Valorisation of food waste to biofuel: current trends and technological challenges. Sustainable Chemical Processes, 2014, 2, .	2.3	72
119	Economic feasibility of a pilot-scale fermentative succinic acid production from bakery wastes. Food and Bioproducts Processing, 2014, 92, 282-290.	3.6	84
120	Valorization of industrial waste and by-product streams via fermentation for the production of chemicals and biopolymers. Chemical Society Reviews, 2014, 43, 2587.	38.1	437
121	To be or not to be metal-free: trends and advances in coupling chemistries. Organic and Biomolecular Chemistry, 2014, 12, 10-35.	2.8	62
122	Lipids from food waste as feedstock for biodiesel production: Case Hong Kong. Lipid Technology, 2014, 26, 206-209.	0.3	44
123	Current and future trends in food waste valorization for the production of chemicals, materials and fuels: a global perspective. Biofuels, Bioproducts and Biorefining, 2014, 8, 686-715.	3.7	148
124	Recycling of food waste as nutrients in Chlorella vulgaris cultivation. Bioresource Technology, 2014, 170, 144-151.	9.6	74
125	Conversion of an aluminosilicate-based waste material to high-value efficient adsorbent. Chemical Engineering Journal, 2014, 256, 415-420.	12.7	25
126	Nanoparticle tracking analysis of gold nanomaterials stabilized by various capping agents. RSC Advances, 2014, 4, 17114.	3.6	19



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127	Fungal hydrolysis in submerged fermentation for food waste treatment and fermentation feedstock preparation. <i>Bioresource Technology</i> , 2014, 158, 48-54.	9.6	124
128	Food waste as nutrient source in heterotrophic microalgae cultivation. <i>Bioresource Technology</i> , 2013, 137, 139-146.	9.6	279
129	Valorisation of food waste in biotechnological processes. <i>Sustainable Chemical Processes</i> , 2013, 1, .	2.3	79
130	Advances on waste valorization: new horizons for a more sustainable society. <i>Energy Science and Engineering</i> , 2013, 1, 53-71.	4.0	200
131	Valorisation of bakery waste for succinic acid production. <i>Green Chemistry</i> , 2013, 15, 690.	9.0	157
132	Kinetic studies on the multi-enzyme solution produced via solid state fermentation of waste bread by <i>Aspergillus awamori</i> . <i>Biochemical Engineering Journal</i> , 2013, 80, 76-82.	3.6	63
133	Stepwise optimisation of enzyme production in solid state fermentation of waste bread pieces. <i>Food and Bioproducts Processing</i> , 2013, 91, 638-646.	3.6	77
134	Food waste as a valuable resource for the production of chemicals, materials and fuels. Current situation and global perspective. <i>Energy and Environmental Science</i> , 2013, 6, 426.	30.8	874
135	Iron oxide functionalised MIL-101 materials in aqueous phase selective oxidations. <i>Applied Catalysis A: General</i> , 2013, 455, 261-266.	4.3	38
136	Natural porous agar materials from macroalgae. <i>Carbohydrate Polymers</i> , 2013, 92, 1555-1560.	10.2	26
137	Production of Fungal Glucoamylase for Glucose Production from Food Waste. <i>Biomolecules</i> , 2013, 3, 651-661.	4.0	39
138	Utilisation of waste bread for fermentative succinic acid production. <i>Biochemical Engineering Journal</i> , 2012, 65, 10-15.	3.6	213