

# Taner Sar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8315656/publications.pdf>

Version: 2024-02-01

34  
papers

826  
citations

623188

14  
h-index

525886

27  
g-index

36  
all docs

36  
docs citations

36  
times ranked

614  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production and beneficial impact of biochar for environmental application: A comprehensive review. <i>Bioresource Technology</i> , 2021, 337, 125451.	4.8	180
2	Microbiological insights into anaerobic digestion for biogas, hydrogen or volatile fatty acids (VFAs): a review. <i>Bioengineered</i> , 2022, 13, 6521-6557.	1.4	107
3	Resource recovery and biorefinery potential of apple orchard waste in the circular bioeconomy. <i>Bioresource Technology</i> , 2021, 321, 124496.	4.8	76
4	Potential utilization of dairy industries by-products and wastes through microbial processes: A critical review. <i>Science of the Total Environment</i> , 2022, 810, 152253.	3.9	50
5	Potential antifungal effects of silver nanoparticles (AgNPs) of different sizes against phytopathogenic <i>Fusarium oxysporum</i> f. sp. <i>radicis-lycopersici</i> (FORL) strains. <i>SN Applied Sciences</i> , 2021, 3, 1.	1.5	45
6	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.	4.8	34
7	In-situ wrapping of tin oxide nanoparticles by bacterial cellulose derived carbon nanofibers and its application as freestanding interlayer in lithium sulfide based lithium-sulfur batteries. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 137-145.	5.0	33
8	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.	3.7	27
9	Effective ethanol production from whey powder through immobilized <i>E. coli</i> expressing <i>Vitreoscilla</i> hemoglobin. <i>Bioengineered</i> , 2017, 8, 171-181.	1.4	26
10	Improved ethanol production from cheese whey, whey powder, and sugar beet molasses by <i>Vitreoscilla</i> hemoglobin expressing <i>Escherichia coli</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 687-694.	0.6	24
11	New Insights on Protein Recovery from Olive Oil Mill Wastewater through Bioconversion with Edible Filamentous Fungi. <i>Processes</i> , 2020, 8, 1210.	1.3	24
12	Pyrolyzed bacterial cellulose-supported SnO <sub>2</sub> nanocomposites as high-capacity anode materials for sodium-ion batteries. <i>Cellulose</i> , 2016, 23, 2597-2607.	2.4	19
13	Biofilm formation by <i>Staphylococcus aureus</i> strains and their control by selected phytochemicals. <i>International Journal of Dairy Technology</i> , 2018, 71, 637-646.	1.3	19
14	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.	1.5	18
15	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.	2.0	17
16	Potential use of olive oil mill wastewater for bacterial cellulose production. <i>Bioengineered</i> , 2022, 13, 7659-7669.	1.4	16
17	Antibiofilm effects of pomegranate peel extracts against <i>B.Âcereus</i> , <i>B.Âsubtilis</i> , and <i>E.Âfaecalis</i> . <i>International Journal of Food Science and Technology</i> , 2021, 56, 4915-4924.	1.3	15
18	Myco-biorefinery approaches for food waste valorization: Present status and future prospects. <i>Bioresource Technology</i> , 2022, 360, 127592.	4.8	14

#	ARTICLE	IF	CITATIONS
19	Organosolv pretreatment of oat husk using oxalic acid as an alternative organic acid and its potential applications in biorefinery. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	13
20	Organic waste recycling for carbon smart circular bioeconomy and sustainable development: A review. <i>Bioresource Technology</i> , 2022, 360, 127620.	4.8	13
21	Repeated batch fermentation of immobilized <i>E. coli</i> expressing <i>Vitreoscilla</i> hemoglobin for long-term use. <i>Bioengineered</i> , 2017, 8, 651-660.	1.4	12
22	Bioethanol production from whey powder by immobilized <i>E. coli</i> expressing <i>Vitreoscilla</i> hemoglobin: optimization of sugar concentration and inoculum size. <i>Biofuels</i> , 2019, , 1-6.	1.4	10
23	Screening for Bioactive Compound Rich Pomegranate Peel Extracts and Their Antimicrobial Activities. <i>Johnson Matthey Technology Review</i> , 2022, 66, 81-89.	0.5	9
24	Evaluation of the Vegetation Period According to Climate Change Scenarios: A Case Study in the Inner West Anatolia Subregion of Turkey*. <i>Coğrafya Dergisi</i> , 0, , 29-39.	0.4	7
25	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.	1.6	6
26	Combining co-culturing of <i>Paenibacillus</i> strains and <i>Vitreoscilla</i> hemoglobin expression as a strategy to improve biodesulfurization. <i>Letters in Applied Microbiology</i> , 2021, 72, 484-494.	1.0	4
27	Investigation of Effective Immobilization Method for Ethanol Producing <i>E. coli</i> Strain. <i>Celal Bayar Universitesi Fen Bilimleri Dergisi</i> , 2019, 15, 217-220.	0.1	2
28	Production of filamentous fungal biomass with increased oil content using olive oil as a carbon source. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 2626-2635.	1.6	2
29	Improvement in desulfurization of dibenzothiophene and dibenzothiophene sulfone by <i>Paenibacillus</i> strains using immobilization or nanoparticle coating. <i>Journal of Applied Microbiology</i> , 0, , .	1.4	2
30	CONTROL OF <i>B. CEREBUS</i> BIOFILMS BY CITRIC ACID TREATMENTS. <i>Gıda</i> , 0, , 604-615.	0.1	1
31	Effect of different components of media prepared with sugar beet hydrolysate on cell growth and ethanol production. <i>New Biotechnology</i> , 2014, 31, S99-S100.	2.4	0
32	The use of bacterial cellulose nanocomposites as an electrode material in Lithium ion batteries. <i>Journal of Biotechnology</i> , 2017, 256, S41.	1.9	0
33	Effects on Plant Development by Urbanization and Industrialization. <i>Journal of the Institute of Science and Technology</i> , 2017, 7, 291-299.	0.3	0
34	<i>Vitreoscilla</i> Hemoglobini Ekspresyonu ile <i>Escherichia coli</i> Suşularıyla İle Üretilen Pancar Melasından Biyoetanol Üretiminde İnceleme. <i>AKADEMİK Gıda</i> , 0, , 264-269.	0.5	0