

# Hamed Kazemi Shariat Panahi

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,909  
citations

430874

18  
h-index

477307

29  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2090  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactor technologies for biodiesel production and processing: A review. <i>Progress in Energy and Combustion Science</i> , 2019, 74, 239-303.	31.2	330
2	A comprehensive review of engineered biochar: Production, characteristics, and environmental applications. <i>Journal of Cleaner Production</i> , 2020, 270, 122462.	9.3	207
3	A comprehensive review on recent biological innovations to improve biogas production, Part 1: Upstream strategies. <i>Renewable Energy</i> , 2020, 146, 1204-1220.	8.9	185
4	A review on green liquid fuels for the transportation sector: a prospect of microbial solutions to climate change. <i>Biofuel Research Journal</i> , 2019, 6, 995-1024.	13.3	156
5	A comprehensive review on recent biological innovations to improve biogas production, Part 2: Mainstream and downstream strategies. <i>Renewable Energy</i> , 2020, 146, 1392-1407.	8.9	144
6	Microorganisms, Tryptophan Metabolism, and Kynurenine Pathway: A Complex Interconnected Loop Influencing Human Health Status. <i>International Journal of Tryptophan Research</i> , 2019, 12, 117864691985299.	2.3	129
7	A state-of-the-art review on the application of nanomaterials for enhancing biogas production. <i>Journal of Environmental Management</i> , 2019, 251, 109597.	7.8	99
8	Conversion of residues from agro-food industry into bioethanol in Iran: An under-valued biofuel additive to phase out MTBE in gasoline. <i>Renewable Energy</i> , 2020, 145, 699-710.	8.9	94
9	A comprehensive review on electricity generation and GHG emission reduction potentials through anaerobic digestion of agricultural and livestock/slaughterhouse wastes in Iran. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 111, 571-594.	16.4	89
10	Bioethanol production from food wastes rich in carbohydrates. <i>Current Opinion in Food Science</i> , 2022, 43, 71-81.	8.0	57
11	Recent updates on the production and upgrading of bio-crude oil from microalgae. <i>Bioresource Technology Reports</i> , 2019, 7, 100216.	2.7	54
12	Shifting fuel feedstock from oil wells to sea: Iran outlook and potential for biofuel production from brown macroalgae (ochrophyta; phaeophyceae). <i>Renewable and Sustainable Energy Reviews</i> , 2019, 112, 626-642.	16.4	50
13	Microorganisms's Footprint in Neurodegenerative Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 466.	3.7	42
14	Potential of Acid-Activated Bentonite and SO <sub>3</sub> H-Functionalized MWCNTs for Biodiesel Production From Residual Olive Oil Under Biorefinery Scheme. <i>Frontiers in Energy Research</i> , 2018, 6, .	2.3	39
15	Human Tick-Borne Diseases in Australia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 3.	3.9	37
16	The Gut Microbiota, Kynurenine Pathway, and Immune System Interaction in the Development of Brain Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 562812.	3.7	37
17	The effects of nanoadditives on the performance and emission characteristics of spark-ignition gasoline engines: A critical review with a focus on health impacts. <i>Energy</i> , 2021, 225, 120259.	8.8	32
18	Development of a Reversed-Phase Liquid Chromatographic Assay for the Quantification of Total Pepsipeptides in Fermentation Broth. <i>Chromatographia</i> , 2016, 79, 1325-1332.	1.3	23

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19	An image analysis-aided method for redundancy reduction in differentiation of identical <i>Actinobacterial</i> strains. <i>Future Microbiology</i> , 2018, 13, 313-329.	2.0	19
20	Biotechnological Exploitation of Actinobacterial Members. <i>Sustainable Development and Biodiversity</i> , 2015, , 57-143.	1.7	16
21	Engineered bacteria for valorizing lignocellulosic biomass into bioethanol. <i>Bioresource Technology</i> , 2022, 344, 126212.	9.6	16
22	A comprehensive review on anaerobic fungi applications in biofuels production. <i>Science of the Total Environment</i> , 2022, 829, 154521.	8.0	13
23	The Role of Kynurenine Pathway and NAD <sup>+</sup> Metabolism in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. , 2022, 13, 698.		12
24	Oncolytic viruses as a promising therapeutic strategy against the detrimental health impacts of air pollution: The case of glioblastoma multiforme. <i>Seminars in Cancer Biology</i> , 2022, 86, 1122-1142.	9.6	6
25	Practical Aspects of Working with Actinobacteria. , 2017, , 329-376.		5
26	Herpetosiphon Secondary Metabolites Inhibit Amyloid- $\beta$ Toxicity in Human Primary Astrocytes. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 423-433.	2.6	5
27	Anaerobic Rumen Fungi for Biofuel Production. <i>Fungal Biology</i> , 2020, , 149-175.	0.6	4
28	Bioethanol Production by Using Plant-Pathogenic Fungi. <i>Fungal Biology</i> , 2020, , 15-38.	0.6	3
29	Fungi as Bioreactors for Biodiesel Production. <i>Fungal Biology</i> , 2020, , 39-67.	0.6	3
30	Neuropathological Mechanisms of $\beta$ -N-Methylamino-L-Alanine (BMAA) with a Focus on Iron Overload and Ferroptosis. <i>Neurotoxicity Research</i> , 2022, 40, 614-635.	2.7	2
31	Fungal Biocontrol Agents as a New Source for Bioethanol Production. <i>Fungal Biology</i> , 2020, , 69-104.	0.6	1
32	Recovery of Persipeptides from Fermentation Broth by Enhanced Adsorption. <i>Iranian Journal of Biotechnology</i> , 2020, 18, e2231.	0.3	0