

# Siti A Ahmad

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

991  
citations

586496

16  
h-index

563245

28  
g-index

49  
all docs

49  
docs citations

49  
times ranked

949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, Characterization and Biomedical Application of Silver Nanoparticles. <i>Materials</i> , 2022, 15, 427.	1.3	78
2	Oil Palm™s Empty Fruit Bunch as a Sorbent Material in Filter System for Oil-Spill Clean Up. <i>Plants</i> , 2022, 11, 127.	1.6	4
3	Remediation of Pesticides by Microalgae as Feasible Approach in Agriculture: Bibliometric Strategies. <i>Agronomy</i> , 2022, 12, 117.	1.3	16
4	Utilisation of Oil Palm™s Empty Fruit Bunch Spikelets for Oil-Spill Removal. <i>Agronomy</i> , 2022, 12, 535.	1.3	2
5	Bibliometric Analysis of Research on Diesel Pollution in Antarctica and a Review on Remediation Techniques. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1123.	1.3	17
6	Diesel in Antarctica and a Bibliometric Study on Its Indigenous Microorganisms as Remediation Agent. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1512.	1.2	12
7	A Review and Bibliometric Analysis on Applications of Microbial Degradation of Hydrocarbon Contaminants in Arctic Marine Environment at Metagenomic and Enzymatic Levels. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1671.	1.2	11
8	Bioremediation of Diesel Contaminated Marine Water by Bacteria: A Review and Bibliometric Analysis. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 155.	1.2	43
9	Oil Bioremediation in the Marine Environment of Antarctica: A Review and Bibliometric Keyword Cluster Analysis. <i>Microorganisms</i> , 2021, 9, 419.	1.6	20
10	Research Trends of Biodegradation of Cooking Oil in Antarctica from 2001 to 2021: A Bibliometric Analysis Based on the Scopus Database. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2050.	1.2	12
11	A Review on the Biotechnological Applications of the Operational Group <i>Bacillus amyloliquefaciens</i> . <i>Microorganisms</i> , 2021, 9, 614.	1.6	87
12	Bibliometric Analysis of Hydrocarbon Bioremediation in Cold Regions and a Review on Enhanced Soil Bioremediation. <i>Biology</i> , 2021, 10, 354.	1.3	22
13	Recovery of Gelatin from Bovine Skin with the Aid of Pepsin and Its Effects on the Characteristics of the Extracted Gelatin. <i>Polymers</i> , 2021, 13, 1554.	2.0	15
14	The Use of Response Surface Methodology as a Statistical Tool for the Optimisation of Waste and Pure Canola Oil Biodegradation by Antarctic Soil Bacteria. <i>Life</i> , 2021, 11, 456.	1.1	12
15	Toward a Better Understanding of Metal Nanoparticles, a Novel Strategy from Eucalyptus Plants. <i>Plants</i> , 2021, 10, 929.	1.6	12
16	Statistical Optimisation of Diesel Biodegradation at Low Temperatures by an Antarctic Marine Bacterial Consortium Isolated from Non-Contaminated Seawater. <i>Microorganisms</i> , 2021, 9, 1213.	1.6	15
17	Growth Optimisation and Kinetic Profiling of Diesel Biodegradation by a Cold-Adapted Microbial Consortium Isolated from Trinity Peninsula, Antarctica. <i>Biology</i> , 2021, 10, 493.	1.3	9
18	Scientometric Analysis of Diesel Pollutions in Antarctic Territories: A Review of Causes and Potential Bioremediation Approaches. <i>Sustainability</i> , 2021, 13, 7064.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Statistical Optimisation and Kinetic Studies of Molybdenum Reduction Using a Psychrotolerant Marine Bacteria Isolated from Antarctica. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 648.	1.2	4
20	The Mechanistic Action of Biosynthesised Silver Nanoparticles and Its Application in Aquaculture and Livestock Industries. <i>Animals</i> , 2021, 11, 2097.	1.0	25
21	Optimisation of Various Physicochemical Variables Affecting Molybdenum Bioremediation Using Antarctic Bacterium, <i>Arthrobacter</i> sp. Strain AQ5-05. <i>Water (Switzerland)</i> , 2021, 13, 2367.	1.2	7
22	Effects of Diesel, Heavy Metals and Plastics Pollution on Penguins in Antarctica: A Review. <i>Animals</i> , 2021, 11, 2505.	1.0	5
23	Identification of Oil Palm's Consistently Upregulated Genes during Early Infections of <i>Ganoderma boninense</i> via RNA-Seq Technology and Real-Time Quantitative PCR. <i>Plants</i> , 2021, 10, 2026.	1.6	2
24	Evaluation of Heavy Metal Tolerance Level of the Antarctic Bacterial Community in Biodegradation of Waste Canola Oil. <i>Sustainability</i> , 2021, 13, 10749.	1.6	2
25	Uncovering Research Trends of Phycobiliproteins Using Bibliometric Approach. <i>Plants</i> , 2021, 10, 2358.	1.6	11
26	Coco Peat as Agricultural Waste Sorbent for Sustainable Diesel-Filter System. <i>Plants</i> , 2021, 10, 2468.	1.6	7
27	Mathematical Modelling of Canola Oil Biodegradation and Optimisation of Biosurfactant Production by an Antarctic Bacterial Consortium Using Response Surface Methodology. <i>Foods</i> , 2021, 10, 2801.	1.9	2
28	Application of Cogon Grass ( <i>Imperata cylindrica</i> ) as Biosorbent in Diesel-Filter System for Oil Spill Removal. <i>Agronomy</i> , 2021, 11, 2273.	1.3	6
29	Rice Straw as a Natural Sorbent in a Filter System as an Approach to Bioremediate Diesel Pollution. <i>Water (Switzerland)</i> , 2021, 13, 3317.	1.2	11
30	Potential Application of Algae in Biodegradation of Phenol: A Review and Bibliometric Study. <i>Plants</i> , 2021, 10, 2677.	1.6	16
31	Statistical Assessment of Phenol Biodegradation by a Metal-Tolerant Binary Consortium of Indigenous Antarctic Bacteria. <i>Diversity</i> , 2021, 13, 643.	0.7	4
32	Assessment of Water Mimosa ( <i>Neptunia oleracea</i> Lour.) Morphological, Physiological, and Removal Efficiency for Phytoremediation of Arsenic-Polluted Water. <i>Plants</i> , 2020, 9, 1500.	1.6	19
33	The Prospect of Physiological Events Associated with the Micropropagation of <i>Eucalyptus</i> sp.. <i>Forests</i> , 2020, 11, 1211.	0.9	12
34	Production of Lipopeptide Biosurfactant by a Hydrocarbon-Degrading Antarctic <i>Rhodococcus</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 6138.	1.8	31
35	Biosurfactant Production and Growth Kinetics Studies of the Waste Canola Oil-Degrading Bacterium <i>Rhodococcus erythropolis</i> AQ5-07 from Antarctica. <i>Molecules</i> , 2020, 25, 3878.	1.7	27
36	Optimization of the Freezing-Thawing Method for Extracting Phycobiliproteins from <i>Arthrospira</i> sp.. <i>Molecules</i> , 2020, 25, 3894.	1.7	26

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37	Response Surface Methodology Optimization and Kinetics of Diesel Degradation by a Cold-Adapted Antarctic Bacterium, <i>Arthrobacter</i> sp. Strain AQ5-05. <i>Sustainability</i> , 2020, 12, 6966.	1.6	32
38	Statistical Optimisation of Phenol Degradation and Pathway Identification through Whole Genome Sequencing of the Cold-Adapted Antarctic Bacterium, <i>Rhodococcus</i> sp. Strain AQ5-07. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9363.	1.8	13
39	Optimization of phenol degradation by Antarctic bacterium <i>Rhodococcus</i> sp.. <i>Antarctic Science</i> , 2020, 32, 486-495.	0.5	18
40	Biodegradation of diesel oil by cold-adapted bacterial strains of <i>Arthrobacter</i> spp. from Antarctica. <i>Antarctic Science</i> , 2020, 32, 341-353.	0.5	34
41	Encapsulation of <i>Bifidobacterium pseudocatenulatum</i> Strain G4 within Bovine Gelatin-Genipin-Sodium Alginate Combinations: Optimisation Approach Using Face Central Composition Design-Response Surface Methodology (FCCD-RSM). <i>International Journal of Microbiology</i> , 2019, 2019, 1-11.	0.9	8
42	Effects of Ultrasound Assisted Extraction in Conjugation with Aid of Actinidin on the Molecular and Physicochemical Properties of Bovine Hide Gelatin. <i>Molecules</i> , 2018, 23, 730.	1.7	19
43	Autolysis of bovine skin, its endogenous proteases, protease inhibitors and their effects on quality characteristics of extracted gelatin. <i>Food Chemistry</i> , 2018, 265, 1-8.	4.2	5
44	Anti-HMG-CoA Reductase, Antioxidant, and Anti-Inflammatory Activities of <i>Amaranthus viridis</i> Leaf Extract as a Potential Treatment for Hypercholesterolemia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.	0.5	33
45	Enhanced caffeine degradation by immobilised cells of <i>Leifsonia</i> sp. strain SIU. <i>Journal of General and Applied Microbiology</i> , 2016, 62, 18-24.	0.4	10
46	The Assessment of Cholinesterase from the Liver of <i>Puntius Javanicus</i> as Detection of Metal Ions. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	0.8	23
47	Optimization of Milk-Based Medium for Efficient Cultivation of <i>Bifidobacterium pseudocatenulatum</i> G4 Using Face-Centered Central Composite-Response Surface Methodology. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	8
48	Antiatherosclerotic Effects of Plant Flavonoids. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	176
49	Ebola and compliance with infection prevention measures in Nigeria. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 1045-1046.	4.6	6