

M Y Shukor

List of Publications by Year in Descending Order

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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.

112
papers

1,546
citations

19
h-index

32
g-index

125
ext. papers

1,945
ext. citations

2.5
avg, IF

4.81
L-index

#	Paper	IF	Citations
112	Biostimulation of Microbial Communities from Malaysian Agricultural Soil for Detoxification of Metanil Yellow Dye; a Response Surface Methodological Approach. <i>Sustainability</i> , 2021 , 13, 138	3.6	2
111	Immobilization of Metanil Yellow Decolorizing Mixed Culture FN3 Using Gelling Gum as Matrix for Bioremediation Application. <i>Sustainability</i> , 2021 , 13, 36	3.6	0
110	Biodecolourisation of Reactive Red 120 as a Sole Carbon Source by a Bacterial Consortium-Toxicity Assessment and Statistical Optimisation. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	6
109	Glyphosate Herbicide Induces Changes in the Growth Pattern and Somatic Indices of Crossbred Red Tilapia (). <i>Animals</i> , 2021 , 11,	3.1	2
108	Synthesisation of an affinity matrix (Procaïnamide Sepharose Cl-6b) for brain cholinesterase purification and separation source from <i>Monopterus albus</i> . <i>Journal of Physics: Conference Series</i> , 2021 , 1882, 012093	0.3	
107	Phyto-Tolerance Degradation of Hydrocarbons and Accumulation of Heavy Metals by of <i>Cajanus cajan</i> (Pigeon Pea) in Petroleum-Oily-Sludge-Contaminated Soil. <i>Agronomy</i> , 2021 , 11, 1138	3.6	2
106	Growth Performance of <i>Jatropha curcas</i> Cultivated on Local Abandoned Bauxite Mine Soil. <i>Sustainability</i> , 2020 , 12, 8263	3.6	0
105	Enhanced Carbofuran Degradation Using Immobilized and Free Cells of sp. Isolated from Soil. <i>Molecules</i> , 2020 , 25,	4.8	7
104	Microbial Decolorization of Triazo Dye, Direct Blue 71: An Optimization Approach Using Response Surface Methodology (RSM) and Artificial Neural Network (ANN). <i>BioMed Research International</i> , 2020 , 2020, 2734135	3	13
103	Rhizodegradation of Petroleum Oily Sludge-contaminated Soil Using <i>Cajanus cajan</i> Increases the Diversity of Soil Microbial Community. <i>Scientific Reports</i> , 2020 , 10, 4094	4.9	30
102	Bioluminescent method for the rapid screening of toxic heavy metals in environmental samples using <i>Photobacterium leiognathi</i> strain AK-MIE. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 196, 110527	7	2
101	Biodegradation of diesel oil by cold-adapted bacterial strains of <i>Arthrobacter</i> spp. from Antarctica. <i>Antarctic Science</i> , 2020 , 32, 341-353	1.7	18
100	HMG-CoA Reductase as Target for Drug Development. <i>Methods in Molecular Biology</i> , 2020 , 2089, 245-250.	4	0
99	Statistical Modeling for the Optimization of Bioluminescence Production by Newly Isolated <i>Photobacterium</i> sp. NAA-MIE. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2020 , 90, 797-810	1.4	3
98	Improvement of Ficin-Based Inhibitive Enzyme Assay for Toxic Metals Using Response Surface Methodology and Its Application for Near Real-Time Monitoring of Mercury in Marine Waters. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
97	Biodeterioration of Untreated Polypropylene Microplastic Particles by Antarctic Bacteria. <i>Polymers</i> , 2020 , 12,	4.5	17
96	Design, Operation and Optimization of Constructed Wetland for Removal of Pollutant. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	32

95	Production of Lipopeptide Biosurfactant by a Hydrocarbon-Degrading Antarctic. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
94	Response Surface Methodology for the Optimization of Keratinase Production in Culture Medium Containing Feathers by <i>Bacillus</i> sp. UPM-AAG1. <i>Catalysts</i> , 2020 , 10, 848	4	10
93	A treaty of symmetric function: An approach in deriving general formulation for sums of power for an arbitrary arithmetic progression Part 1. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2020 , 23, 661-728	1.7	
92	Subtractive inhibition assay for the detection of <i>Campylobacter jejuni</i> in chicken samples using surface plasmon resonance. <i>Scientific Reports</i> , 2019 , 9, 13642	4.9	17
91	In vivo and in vitro effects on cholinesterase of blood of by copper. <i>3 Biotech</i> , 2019 , 9, 64	2.8	0
90	Assessment of heavy metal toxicity using a luminescent bacterial test based on <i>Photobacterium</i> sp. strain MIE. <i>Rendiconti Lincei</i> , 2019 , 30, 589-601	1.7	1
89	Artificial Neural Networks (ANNs) and Response Surface Methodology (RSM) Approach for Modelling the Optimization of Chromium (VI) Reduction by Newly Isolated Strain NS-MIE from Agricultural Soil. <i>BioMed Research International</i> , 2019 , 2019, 5785387	3	15
88	Toxicological effects and behavioural and biochemical responses of <i>Oreochromis mossambicus</i> gills and its cholinesterase to copper: a biomarker application. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 887-898	3.3	11
87	Histopathological and cholinesterase changes in the gills of <i>Clarias gariepinus</i> as a result of cadmium exposure. <i>Journal of Environmental Biology</i> , 2019 , 40, 683-690	1.6	2
86	Acetylcholinesterase from the brain of <i>Monopterus albus</i> as detection of metal ions. <i>Journal of Physics: Conference Series</i> , 2019 , 1358, 012028	0.3	0
85	Assessment of <i>Monopterus albus</i> liver as a source of Cholinesterase for the detection of heavy metals. <i>Journal of Physics: Conference Series</i> , 2019 , 1358, 012029	0.3	0
84	Effective production of keratinase by gellan gum-immobilised sp. AQ05-001 using heavy metal-free and polluted feather wastes as substrates. <i>3 Biotech</i> , 2019 , 9, 32	2.8	8
83	Optimisation of culture composition for glyphosate degradation by strain AQ5-12. <i>3 Biotech</i> , 2018 , 8, 108	2.8	9
82	Characterisation of the simultaneous molybdenum reduction and glyphosate degradation by AQ5-12 and sp. AQ5-13. <i>3 Biotech</i> , 2018 , 8, 117	2.8	4
81	Synthesis of Molecularly Imprinted Polymer Nanoparticles for Casein Detection Using Surface Plasmon Resonance as a Milk Allergen Sensor. <i>ACS Sensors</i> , 2018 , 3, 418-424	9.2	53
80	Evaluation of conventional and response surface level optimisation of n-dodecane (n-C12) mineralisation by psychrotolerant strains isolated from pristine soil at Southern Victoria Island, Antarctica. <i>Microbial Cell Factories</i> , 2018 , 17, 44	6.4	14
79	Batch growth kinetic studies of locally isolated cyanide-degrading strain AQ07. <i>3 Biotech</i> , 2018 , 8, 11	2.8	4
78	Biodegradation of phenol by cold-adapted bacteria from Antarctic soils. <i>Polar Biology</i> , 2018 , 41, 553-562		26

77	Biodegradation of cyanide and evaluation of kinetic models by immobilized cells of <i>Serratia marcescens</i> strain AQ07. <i>International Journal of Environmental Science and Technology</i> , 2017 , 14, 1945-1958	3.3	5
76	Isolation and characterisation of glyphosate-degrading bacteria isolated from local soils in Malaysia. <i>Rendiconti Lincei</i> , 2017 , 28, 471-479	1.7	17
75	Isolation and Characterisation of a Molybdenum-reducing and Metanil Yellow Dye-decolourising sp. strain Neni-10 in Soils from West Sumatera, Indonesia. <i>Tropical Life Sciences Research</i> , 2017 , 28, 69-90	1.1	9
74	Toxic effects of copper on liver and cholinesterase of <i>Clarias gariepinus</i> . <i>Environmental Science and Pollution Research</i> , 2017 , 24, 22510-22523	5.1	16
73	Meta-cleavage pathway of phenol degradation by <i>Acinetobacter</i> sp. strain AQ5NOL 1. <i>Rendiconti Lincei</i> , 2017 , 28, 1-9	1.7	13
72	Characterisation of cholinesterase from kidney tissue of Asian seabass (<i>Lates calcarifer</i>) and its inhibition in presence of metal ions. <i>Journal of Environmental Biology</i> , 2017 , 38, 383-388	1.6	6
71	Assessing Resistance and Bioremediation Ability of <i>Enterobacter</i> sp. Strain Saw-1 on Molybdenum in Various Heavy Metals and Pesticides. <i>Journal of Mathematical and Fundamental Sciences</i> , 2017 , 49, 193	1.7	4
70	Phenol removal by newly isolated <i>Acinetobacter baumannii</i> strain Serdang 1 in a packed-bed column reactor. <i>Desalination and Water Treatment</i> , 2016 , 57, 13307-13317		5
69	Characterisation and growth kinetics studies of caffeine-degrading bacterium <i>Leifsonia</i> sp. strain SIU. <i>Annals of Microbiology</i> , 2016 , 66, 289-298	3.2	14
68	The use of differential scanning fluorimetry in the rational design of plastic antibodies for protein targets. <i>Analyst, The</i> , 2016 , 141, 6463-6470	5	9
67	Optimisation of biodegradation conditions for cyanide removal by <i>Serratia marcescens</i> strain AQ07 using one-factor-at-a-time technique and response surface methodology. <i>Rendiconti Lincei</i> , 2016 , 27, 533-545	1.7	19
66	Characterization of a molybdenum-reducing <i>Bacillus</i> sp. strain khayat with the ability to grow on SDS and diesel. <i>Rendiconti Lincei</i> , 2016 , 27, 547-556	1.7	3
65	The use of <i>Lates calcarifer</i> as a biomarker for heavy metals detection. <i>Rendiconti Lincei</i> , 2016 , 27, 463-472	7	6
64	Phytochemical investigation, hypocholesterolemic and anti-atherosclerotic effects of <i>Amaranthus viridis</i> leaf extract in hypercholesterolemia-induced rabbits. <i>RSC Advances</i> , 2016 , 6, 32685-32696	3.7	7
63	Isolation and characterization of a molybdenum-reducing and SDSdegrading <i>Klebsiella oxytoca</i> strain Aft-7 and its bioremediation application in the environment. <i>Biodiversitas</i> , 2016 , 16,	1.5	6
62	ISOLATION AND CHARACTERIZATION OF A MOLYBDENUM-REDUCING AND GLYPHOSATE-DEGRADING <i>Klebsiella oxytoca</i> STRAIN SAW-5 IN SOILS FROM SARAWAK. <i>Agrivita</i> , 2016 , 38,	1.6	7
61	Characterization of an azo-dye-degrading white rot fungus isolated from Malaysia. <i>Mycosphere</i> , 2016 , 7, 560-569	10.9	9
60	Bioremoval of toxic Molybdenum using dialysis tubing. <i>Chemical Engineering Research Bulletin</i> , 2016 , 18, 6	0	0

59	Anti-HMG-CoA Reductase, Antioxidant, and Anti-Inflammatory Activities of Amaranthus viridis Leaf Extract as a Potential Treatment for Hypercholesterolemia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 8090841	2.3	19
58	Enhanced caffeine degradation by immobilised cells of Leifsonia sp. strain SIU. <i>Journal of General and Applied Microbiology</i> , 2016 , 62, 18-24	1.5	7
57	Modelling the kinetics of hexavalent molybdenum (Mo6+) reduction by the Serratia sp. strain MIE2 in batch culture. <i>Rendiconti Lincei</i> , 2016 , 27, 653-663	1.7	0
56	Optimization and maximization of hexavalent molybdenum reduction to Mo-blue by Serratia sp. strain MIE2 using response surface methodology. <i>Rendiconti Lincei</i> , 2016 , 27, 697-709	1.7	6
55	Keratinase production and biodegradation of polluted secondary chicken feather wastes by a newly isolated multi heavy metal tolerant bacterium-Alcaligenes sp. AQ05-001. <i>Journal of Environmental Management</i> , 2016 , 183, 182-195	7.9	48
54	Evaluation of acetylcholinesterase source from fish, Tor tambroides for detection of carbamate. <i>Journal of Environmental Biology</i> , 2016 , 37, 479-84	1.6	4
53	Heavy metals biomonitoring via inhibitive assay of acetylcholinesterase from Periophthalmodon schlosseri. <i>Rendiconti Lincei</i> , 2015 , 26, 151-158	1.7	11
52	Hypocholesterolemic and Antiatherosclerotic Potential of Basella alba Leaf Extract in Hypercholesterolemia-Induced Rabbits. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 751714	2.3	8
51	HMG-CoA reductase inhibitory activity and phytochemical investigation of Basella alba leaf extract as a treatment for hypercholesterolemia. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 509-1744	1.4	41
50	Purification and Anticholinesterase Sensitivity of Cholinesterase Extracted from Liver Tissue of Puntius Javanicus. <i>International Journal of Agriculture and Biology</i> , 2015 , 17, 1025-1030	1.5	2
49	Application of response surface methodology for optimising caffeine-degrading parameters by Leifsonia sp. strain SIU. <i>Journal of Environmental Biology</i> , 2015 , 36, 1215-21	1.6	8
48	Isolation and characterization of luminescent bacterium for sludge biodegradation. <i>Journal of Environmental Biology</i> , 2015 , 36, 1255-61	1.6	2
47	The assessment of cholinesterase from the liver of Puntius javanicus as detection of metal ions. <i>Scientific World Journal, The</i> , 2014 , 2014, 571094	2.2	16
46	Comparison of Microtox and Xenoassay light as a near real time river monitoring assay for heavy metals. <i>Scientific World Journal, The</i> , 2014 , 2014, 834202	2.2	12
45	Kinetics of diesel degradation by an acrylamide-degrading bacterium. <i>Rendiconti Lincei</i> , 2014 , 25, 505-512	7	13
44	Antiatherosclerotic effects of plant flavonoids. <i>BioMed Research International</i> , 2014 , 2014, 480258	3	123
43	Physical, chemical, and biological methods for the removal of arsenic compounds. <i>BioMed Research International</i> , 2014 , 2014, 503784	3	69
42	Molybdenum reduction to molybdenum blue in Serratia sp. Strain DRY5 is catalyzed by a novel molybdenum-reducing enzyme. <i>BioMed Research International</i> , 2014 , 2014, 853084	3	6

41	Growth kinetics of a diesel-degrading bacterial strain from petroleum-contaminated soil. <i>Journal of Environmental Biology</i> , 2014 , 35, 399-406	1.6	8
40	Isolation and characterization of a phenol-degrading <i>Rhodococcus</i> sp. strain AQ5NOL 2 KCTC 11961BP. <i>Journal of Basic Microbiology</i> , 2013 , 53, 9-19	2.7	15
39	Molecular cloning and characterization of GDP-mannose-3?,5?-epimerase from <i>Gracilaria changii</i> . <i>Journal of Applied Phycology</i> , 2013 , 25, 1309-1318	3.2	13
38	Hexavalent molybdenum reduction to molybdenum blue by a sodium-dodecyl-sulfate-degrading <i>Klebsiella oxytoca</i> strain DRY14. <i>BioMed Research International</i> , 2013 , 2013, 384541	3	14
37	Kinetics of molybdenum reduction to molybdenum blue by <i>Bacillus</i> sp. strain A.rzi. <i>BioMed Research International</i> , 2013 , 2013, 371058	3	20
36	Molybdate reduction to molybdenum blue by an Antarctic bacterium. <i>BioMed Research International</i> , 2013 , 2013, 871941	3	19
35	An inhibitive enzyme assay to detect mercury and zinc using protease from <i>Coriandrum sativum</i> . <i>Scientific World Journal, The</i> , 2013 , 2013, 678356	2.2	3
34	Characterization of a sodium dodecyl sulphate-degrading <i>Pseudomonas</i> sp. strain DRY15 from Antarctic soil. <i>Journal of Environmental Biology</i> , 2013 , 34, 1077-82	1.6	3
33	Development of an inhibitive assay using commercial <i>Electrophorus electricus</i> acetylcholinesterase for heavy metal detection. <i>Journal of Environmental Biology</i> , 2013 , 34, 967-70	1.6	5
32	Enhanced phenol degradation by immobilized <i>Acinetobacter</i> sp. strain AQ5NOL 1. <i>World Journal of Microbiology and Biotechnology</i> , 2012 , 28, 347-52	4.4	57
31	Optimisation of Pyrene Removal by a Mixed Culture in a Soil-Slurry Bioreactor using Response Surface Methodology (RSM). <i>Procedia Engineering</i> , 2012 , 50, 786-799		2
30	Isolation and characterization of an acrylamide-degrading yeast <i>Rhodotorula</i> sp. strain MBH23 KCTC 11960BP. <i>Journal of Basic Microbiology</i> , 2012 , 52, 573-81	2.7	2
29	Reduction of molybdate to molybdenum blue by <i>Klebsiella</i> sp. strain hkeem. <i>Journal of Basic Microbiology</i> , 2012 , 52, 296-305	2.7	13
28	MOLECULAR CLONING AND BIOCHEMICAL CHARACTERIZATION OF GALACTOSE-1-PHOSPHATE URIDYLTRANSFERASE FROM GRACILARIA CHANGII (RHODOPHYTA)(1). <i>Journal of Phycology</i> , 2012 , 48, 155-62	3	21
27	Characterization and identification of newly isolated <i>Acinetobacter baumannii</i> strain serdang 1 for phenol removal 2012 ,		1
26	Antioxidant activities of different parts of <i>Gnetum gnemon</i> L.. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2011 , 20, 234-240	1.6	11
25	Antioxidant, anti-inflammatory and cytotoxicity of <i>Phaleria macrocarpa</i> (Boerl.) Scheff Fruit. <i>BMC Complementary and Alternative Medicine</i> , 2011 , 11, 110	4.7	50
24	Flavonoid analyses and antimicrobial activity of various parts of <i>Phaleria macrocarpa</i> (Scheff.) Boerl fruit. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 3422-31	6.3	99

23	Molybdate reduction by <i>Pseudomonas</i> sp. strain DRY2. <i>Journal of Applied Microbiology</i> , 2010 , 108, 2050-4.7	4.7	17
22	Hexavalent molybdenum reduction to Mo-blue by <i>Acinetobacter calcoaceticus</i> . <i>Folia Microbiologica</i> , 2010 , 55, 137-43	2.8	22
21	Reduction of molybdate to molybdenum blue by <i>Enterobacter</i> sp. strain Dr.Y13. <i>Journal of Basic Microbiology</i> , 2009 , 49 Suppl 1, S43-54	2.7	12
20	Bacterial reduction of hexavalent molybdenum to molybdenum blue. <i>World Journal of Microbiology and Biotechnology</i> , 2009 , 25, 1225-1234	4.4	15
19	Isolation and characterization of a <i>Pseudomonas</i> diesel-degrading strain from Antarctica. <i>Journal of Environmental Biology</i> , 2009 , 30, 1-6	1.6	19
18	The development of an inhibitive determination method for zinc using a serine protease. <i>Journal of Environmental Biology</i> , 2009 , 30, 17-22	1.6	5
17	Development of an inhibitive enzyme assay for copper. <i>Journal of Environmental Biology</i> , 2009 , 30, 39-44.6	1.6	2
16	Isolation and characterization of an acrylamide-degrading <i>Bacillus cereus</i> . <i>Journal of Environmental Biology</i> , 2009 , 30, 57-64	1.6	25
15	Reduction of Mo(VI) by the bacterium <i>Serratia</i> sp. strain DRY5. <i>Journal of Environmental Biology</i> , 2009 , 30, 65-72	1.6	12
14	A simple method to screen for azo-dye-degrading bacteria. <i>Journal of Environmental Biology</i> , 2009 , 30, 89-92	1.6	6
13	Isolation and characterization of an acrylamide-degrading Antarctic bacterium. <i>Journal of Environmental Biology</i> , 2009 , 30, 107-12	1.6	10
12	Isolation and characterization of an SDS-degrading <i>Klebsiella oxytoca</i> . <i>Journal of Environmental Biology</i> , 2009 , 30, 129-34	1.6	21
11	Assessment of <i>Clarias batrachus</i> as a source of acetylcholinesterase (AChE) for the detection of insecticides. <i>Journal of Environmental Biology</i> , 2009 , 30, 135-8	1.6	11
10	Characterization of a diesel-degrading strain isolated from a hydrocarbon-contaminated site. <i>Journal of Environmental Biology</i> , 2009 , 30, 145-50	1.6	14
9	An inhibitive determination method for heavy metals using bromelain, a cysteine protease. <i>Applied Biochemistry and Biotechnology</i> , 2008 , 144, 283-91	3.2	23
8	An improved enzyme assay for molybdenum-reducing activity in bacteria. <i>Applied Biochemistry and Biotechnology</i> , 2008 , 144, 293-300	3.2	14
7	Hexavalent molybdenum reduction to molybdenum blue by <i>S. marcescens</i> strain Dr. Y6. <i>Applied Biochemistry and Biotechnology</i> , 2008 , 149, 33-43	3.2	25
6	ISOLATION AND CHARACTERIZATION OF AN ACRYLAMIDE-DEGRADING <i>Burkholderia</i> sp. STRAIN DR.Y27 2008 , 2, 34		2

5	A method to study the effects of chemical and biological reduction of molybdate to molybdenum blue in bacteria. <i>Pakistan Journal of Biological Sciences</i> , 2008 , 11, 672-5	0.8	3
4	Molybdate Reduction to Molybdenum Blue in Microbe Proceeds via a Phosphomolybdate Intermediate. <i>Journal of Biological Sciences</i> , 2007 , 7, 1448-1452	0.4	15
3	Development of a heavy metals enzymatic-based assay using papain. <i>Analytica Chimica Acta</i> , 2006 , 566, 283-289	6.6	39
2	Response surface-based optimization of the biodegradation of a simulated vegetable oily ballast wastewater under temperate conditions using the antarctic bacterium <i>Rhodococcus erythropolis</i> ADL36144, 129-137		2
1	Growth rate abolishment on phenol as a substrate by <i>Pseudomonas</i> sp. AQ5-04 is best modelled using the Luong substrate inhibition kinetics152, 214-220		2