

Noha M Mesbah

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,643
citations

361413

20
h-index

302126

39
g-index

72
all docs

72
docs citations

72
times ranked

2041
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Geobacter lovleyi</i> sp. nov. Strain SZ, a Novel Metal-Reducing and Tetrachloroethene-Dechlorinating Bacterium. <i>Applied and Environmental Microbiology</i> , 2006, 72, 2775-2782.	3.1	306
2	Novel and Unexpected Prokaryotic Diversity in Water and Sediments of the Alkaline, Hypersaline Lakes of the Wadi An Natrun, Egypt. <i>Microbial Ecology</i> , 2007, 54, 598-617.	2.8	194
3	<i>Natranaerobius thermophilus</i> gen. nov., sp. nov., a halophilic, alkalithermophilic bacterium from soda lakes of the Wadi An Natrun, Egypt, and proposal of <i>Natranaerobiaceae</i> fam. nov. and <i>Natranaerobiales</i> ord. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 2507-2512.	1.7	106
4	Biodiversity of poly-extremophilic Bacteria: Does combining the extremes of high salt, alkaline pH and elevated temperature approach a physico-chemical boundary for life?. <i>Saline Systems</i> , 2009, 5, 9.	2.0	101
5	Life under Multiple Extreme Conditions: Diversity and Physiology of the Halophilic Alkalithermophiles. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4074-4082.	3.1	98
6	The halophilic alkalithermophile <i>Natranaerobius thermophilus</i> adapts to multiple environmental extremes using a large repertoire of Na ⁺ (K ⁺)/H ⁺ antiporters. <i>Molecular Microbiology</i> , 2009, 74, 270-281.	2.5	74
7	<i>Life at Extreme Limits</i> . <i>Annals of the New York Academy of Sciences</i> , 2008, 1125, 44-57.	3.8	66
8	<i>Natronovirga wadinatrunensis</i> gen. nov., sp. nov. and <i>Natranaerobius trueperi</i> sp. nov., halophilic, alkalithermophilic micro-organisms from soda lakes of the Wadi An Natrun, Egypt. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2042-2048.	1.7	42
9	Industrial Biotechnology Based on Enzymes From Extreme Environments. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 870083.	4.1	33
10	Halophilic alkali- and thermostable amylase from a novel polyextremophilic <i>Amphibacillus</i> sp. NM-Ra2. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 222-229.	7.5	32
11	Reclassification of the genus <i>Natronolimnobius</i> : proposal of two new genera, <i>Natronolimnohabitans</i> gen. nov. to accommodate <i>Natronolimnobius innermongolicus</i> and <i>Natrarchaeobaculum</i> gen. nov. to accommodate <i>Natronolimnobius aegyptiacus</i> and <i>Natronolimnobius sulfurireducens</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 3399-3405.	1.7	30
12	Complete Genome Sequence of the Anaerobic, Halophilic Alkalithermophile <i>Natranaerobius thermophilus</i> JW/NM-WN-LF. <i>Journal of Bacteriology</i> , 2011, 193, 4023-4024.	2.2	28
13	Purification and biochemical characterization of halophilic, alkalithermophilic protease AbCP from <i>Alkalibacillus</i> sp. NM-Fa4. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 105, 74-81.	1.8	28
14	DNA methylation status of the methylenetetrahydrofolate reductase gene promoter in peripheral blood of end-stage renal disease patients. <i>Molecular Biology Reports</i> , 2014, 41, 683-688.	2.3	28
15	Association of chemerin Rs17173608 and vaspin Rs2236242 gene polymorphisms with metabolic syndrome in Egyptian women. <i>Endocrine Research</i> , 2016, 41, 43-48.	1.2	25
16	Biochemical characterization of a halophilic, alkalithermophilic protease from <i>Alkalibacillus</i> sp. NM-Da2. <i>Extremophiles</i> , 2016, 20, 885-894.	2.3	22
17	A Halophilic, Alkalithermostable, Ionic Liquid-Tolerant Cellulase and Its Application in In Situ Saccharification of Rice Straw. <i>Bioenergy Research</i> , 2017, 10, 583-591.	3.9	22
18	Raspberry ketone preserved cholinergic activity and antioxidant defense in obesity induced Alzheimer disease in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1166-1174.	5.6	22

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19	Induction of sub-G0 arrest and apoptosis by seed extract of <i>Moringa peregrina</i> (Forssk.) Fiori in cervical and prostate cancer cell lines. <i>Journal of Integrative Medicine</i> , 2019, 17, 410-422.	3.1	22
20	Determination of the G+C Content of Prokaryotes. <i>Methods in Microbiology</i> , 2011, 38, 299-324.	0.8	21
21	Combined vildagliptin and memantine treatment downregulates expression of amyloid precursor protein, and total and phosphorylated tau in a rat model of combined Alzheimer's disease and type 2 diabetes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 685-695.	3.0	19
22	Biochemical characterization of halophilic, alkalithermophilic amylopullulanase PulD7 and truncated amylopullulanases PulD7 ^N and PulD7 ^C . <i>International Journal of Biological Macromolecules</i> , 2018, 111, 632-638.	7.5	18
23	Covalent immobilization of a halophilic, alkalithermostable lipase LipR2 on Florisil [®] nanoparticles for production of alkyl levulinates. <i>Archives of Biochemistry and Biophysics</i> , 2019, 667, 22-29.	3.0	18
24	The Na ⁺ -translocating F1FO-ATPase from the halophilic, alkalithermophile <i>Natranaerobius thermophilus</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 1133-1142.	1.0	17
25	Relaxin-3 is associated with metabolic syndrome and its component traits in women. <i>Clinical Biochemistry</i> , 2013, 46, 45-48.	1.9	17
26	Long non-coding RNA MEG3 and its genetic variant rs941576 are associated with rheumatoid arthritis pathogenesis in Egyptian patients. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 1571-1578.	2.1	17
27	Association of estrogen receptor alpha gene polymorphisms with metabolic syndrome in Egyptian women. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1437-1442.	3.4	16
28	Improvement of Activity and Thermostability of Agar-Entrapped, Thermophilic, Haloalkaliphilic Amylase AmyD8. <i>Catalysis Letters</i> , 2018, 148, 2665-2674.	2.6	15
29	<i>Natronolimnobius aegyptiacus</i> sp. nov., an extremely halophilic alkalithermophilic archaeon isolated from the athalassohaline Wadi An Natrun, Egypt. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 498-506.	1.7	15
30	Effect of co-treatment with doxorubicin and verapamil loaded into chitosan nanoparticles on diethylnitrosamine-induced hepatocellular carcinoma in mice. <i>Human and Experimental Toxicology</i> , 2020, 39, 1528-1544.	2.2	14
31	Anti-oxidant, anti-apoptotic, and mitochondrial regulatory effects of selenium nanoparticles against vancomycin induced nephrotoxicity in experimental rats. <i>Life Sciences</i> , 2022, 288, 120098.	4.3	13
32	Therapeutic effect of bone marrow mesenchymal stem cells in a rat model of carbon tetrachloride induced liver fibrosis. <i>Biomedical Journal</i> , 2021, 44, 598-610.	3.1	12
33	Anti-cancer activity of two novel heterocyclic compounds through modulation of VEGFR and miR-122 in mice bearing Ehrlich ascites carcinoma. <i>European Journal of Pharmacology</i> , 2021, 892, 173747.	3.5	12
34	19 Isolation, Cultivation and Characterization of Alkalithermophiles. <i>Methods in Microbiology</i> , 2006, , 451-468.	0.8	11
35	Omentin and apelin concentrations in relation to obesity, diabetes mellitus type two, and cardiovascular diseases in Egyptian population. <i>International Journal of Diabetes in Developing Countries</i> , 2016, 36, 52-58.	0.8	11
36	Ginger Extract Loaded into Chitosan Nanoparticles Enhances Cytotoxicity and Reduces Cardiotoxicity of Doxorubicin in Hepatocellular Carcinoma in Mice. <i>Nutrition and Cancer</i> , 2020, , 1-16.	2.0	11

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37	Thymoquinone and pentoxifylline enhance the chemotherapeutic effect of cisplatin by targeting Notch signaling pathway in mice. <i>Life Sciences</i> , 2020, 244, 117299.	4.3	11
38	Serum LINC00305 expression and its genetic variant rs2850711 are associated with clinical and laboratory features of rheumatoid arthritis. <i>British Journal of Biomedical Science</i> , 2020, 77, 142-147.	1.3	10
39	Intestinal fatty acid binding protein <scp>Ala54Thr</scp> polymorphism is associated with peripheral atherosclerosis combined with type 2 diabetes mellitus. <i>Journal of Diabetes</i> , 2017, 9, 821-826.	1.8	9
40	Cyanidin-3-Glucoside Modulates hsa_circ_0001345/miRNA106b/ATG16L1 Axis Expression as a Potential Protective Mechanism against Hepatocellular Carcinoma. <i>Current Issues in Molecular Biology</i> , 2022, 44, 1677-1687.	2.4	8
41	Association of interleukin-1A insertion/deletion gene polymorphism and possible high risk factors with non-alcoholic fatty liver disease in Egyptian patients. <i>Archives of Physiology and Biochemistry</i> , 2017, 123, 330-333.	2.1	6
42	Halophiles Exposed Concomitantly to Multiple Stressors: Adaptive Mechanisms of Halophilic Alkalithermophiles. , 2011, , 249-273.		6
43	The expression of zinc finger 804a (ZNF804a) and cyclin-dependent kinase 1 (CDK1) genes is related to the pathogenesis of rheumatoid arthritis. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 688-693.	2.1	6
44	Molecular and protein characterization of two species of the latrunculin-producing sponge <i>Negombata</i> from the Red Sea. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 911-915.	2.8	5
45	Apelin rs2235306 polymorphism is not related to metabolic syndrome in Egyptian women. <i>Egyptian Journal of Medical Human Genetics</i> , 2015, 16, 35-40.	1.0	5
46	Differential expression of MicroRNA let-7e and 296-5p in plasma of Egyptian patients with essential hypertension. <i>Heliyon</i> , 2018, 4, e00969.	3.2	5
47	Editorial: Enzymes from Extreme Environments. <i>Frontiers in Bioengineering and Biotechnology</i> , 2016, 4, 24.	4.1	4
48	Anti-Oxidant and Anti-Inflammatory Effects of Lipopolysaccharide from <i>Rhodobacter sphaeroides</i> against Ethanol-Induced Liver and Kidney Toxicity in Experimental Rats. <i>Molecules</i> , 2021, 26, 7437.	3.8	4
49	Serum miRNA-122 expression in non-alcoholic fatty liver disease among Egyptian patients and its correlation with interleukin-1A gene polymorphism. <i>Meta Gene</i> , 2017, 14, 19-23.	0.6	3
50	Association between serum microRNA-605 and microRNA-623 expression and essential hypertension in Egyptian patients. <i>Meta Gene</i> , 2018, 16, 62-65.	0.6	3
51	A possible novel co-relation of locus 7q11 rs1761667 polymorphism with the severity of preeclampsia in Egyptian pregnant women. <i>Meta Gene</i> , 2020, 24, 100650.	0.6	3
52	Halophiles Exposed Concomitantly to Multiple Stressors: Adaptive Mechanisms of Halophilic Alkalithermophiles. , 2011, , 249-273.		3
53	Hypothyroidism affect progression and worse outcomes of breast cancer but not ovarian cancer. <i>Journal of Immunoassay and Immunochemistry</i> , 2021, , 1-11.	1.1	3
54	YWHAH Genetic Variants are Associated with Increased Hypoxia Inducible Factor-1 α /Vascular Endothelial Growth Factor in Egyptian Rheumatoid Arthritis Patients. <i>Biochemical Genetics</i> , 2022, 60, 1986-1999.	1.7	2

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55	The C-terminus of the ESAT6-like secretion system virulence factor EsxC mediates divalent cation-dependent homodimerization. <i>Toxicon</i> , 2018, 146, 129-137.	1.6	1
56	Relation of locus 1p13 rs646776 polymorphism with the risk of preeclampsia. <i>Hypertension in Pregnancy</i> , 2018, 37, 81-86.	1.1	1
57	Prevalence of Occult Hepatitis C Virus Infection in Egyptian Patients with Lymphoma: A New Vision. <i>Diagnostics</i> , 2022, 12, 1015.	2.6	1
58	Effects of short <scp>RNA</scp> structural analogues against hepatitis <scp>C</scp> virus genotypes 2, 3 and 4 in replicon cells. <i>Journal of Digestive Diseases</i> , 2015, 16, 449-455.	1.5	0
59	Relation of myeloperoxidase-463G/A polymorphism with metabolic syndrome and its component traits in Egyptian women. <i>Archives of Physiology and Biochemistry</i> , 2015, 121, 13-18.	2.1	0
60	Expression of a Disintegrin and Metalloprotease 10 Gene Polymorphisms in a Cohort of Egyptian Patients with Hepatocellular Carcinoma. <i>Current Cancer Therapy Reviews</i> , 2021, 17, .	0.3	0
61	The Role of MicroRNAs (miRNA 155, miRNA-146b) and Procalcitonin as Novel Markers for the Diagnosis of Spontaneous Bacterial Peritonitis. <i>Open Biomarkers Journal</i> , 2021, 11, 28-38.	0.1	0
62	Enzymes from Extreme Environments. <i>Frontiers Research Topics</i> , 0, , .	0.2	0
63	Effect of omega-3 on chemically induced hepatitis in rats. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
64	Editorial: Enzymes From Extreme Environments, Volume II. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 799426.	4.1	0
65	Association of vaspin rs2236242 and Val109Asp omentin genes polymorphism and their serum levels with increased risk of breast cancer. <i>Meta Gene</i> , 2022, 31, 101016.	0.6	0