

Abdelghani Sghir

List of Publications by Year in descending order

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36
papers

3,376
citations

236612

25
h-index

329751

37
g-index

38
all docs

38
docs citations

38
times ranked

4014
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards the definition of a core of microorganisms involved in anaerobic digestion of sludge. ISME Journal, 2009, 3, 700-714.	4.4	728
2	Quantification of Bacterial Groups within Human Fecal Flora by Oligonucleotide Probe Hybridization. Applied and Environmental Microbiology, 2000, 66, 2263-2266.	1.4	446
3	â€œ <i>Candidatus</i> Cloacamonas Acidaminovoransâ€• Genome Sequence Reconstruction Provides a First Glimpse of a New Bacterial Division. Journal of Bacteriology, 2008, 190, 2572-2579.	1.0	363
4	Novel predominant archaeal and bacterial groups revealed by molecular analysis of an anaerobic sludge digester. Environmental Microbiology, 2005, 7, 1104-1115.	1.8	252
5	Fusobacterium prausnitzii and Related Species Represent a Dominant Group Within the Human Fecal Flora. Systematic and Applied Microbiology, 2001, 24, 139-145.	1.2	171
6	Design and Evaluation of a 16S rRNA-Targeted Oligonucleotide Probe for Specific Detection and Quantitation of Human Faecal Bacteroides Populations. Systematic and Applied Microbiology, 1998, 21, 65-71.	1.2	156
7	Molecular Evidence for Novel Planctomycete Diversity in a Municipal Wastewater Treatment Plant. Applied and Environmental Microbiology, 2003, 69, 7354-7363.	1.4	138
8	Members of the uncultured bacterial candidate division <i>WWE-1</i> are implicated in anaerobic digestion of cellulose. MicrobiologyOpen, 2014, 3, 157-167.	1.2	114
9	Novel Major Bacterial Candidate Division within a Municipal Anaerobic Sludge Digester. Applied and Environmental Microbiology, 2005, 71, 2145-2153.	1.4	107
10	Insights into networks of functional microbes catalysing methanization of cellulose under mesophilic conditions. Environmental Microbiology, 2009, 11, 889-904.	1.8	105
11	Prokaryotic diversity of a Tunisian multipond solar saltern. Extremophiles, 2008, 12, 505-518.	0.9	93
12	Cloacibacillus evryensis gen. nov., sp. nov., a novel asaccharolytic, mesophilic, amino-acid-degrading bacterium within the phylum 'Synergistetes', isolated from an anaerobic sludge digester. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2003-2012.	0.8	75
13	Design and Evaluation of a Lactobacillus Group-specific Ribosomal RNA-targeted Hybridization Probe and its Application to the Study of Intestinal Microecology in Pigs. Systematic and Applied Microbiology, 1998, 21, 291-296.	1.2	56
14	Isolation and Characterization of Moderately Halophilic Bacteria from Tunisian Solar Saltern. Current Microbiology, 2010, 60, 157-161.	1.0	54
15	Novel prokaryotic diversity in sediments of Tunisian multipond solar saltern. Research in Microbiology, 2010, 161, 573-582.	1.0	50
16	Analysis of bacterial DNA in synovial tissue of Tunisian patients with reactive and undifferentiated arthritis by broad-range PCR, cloning and sequencing. Arthritis Research and Therapy, 2008, 10, R40.	1.6	46
17	Broad-range PCR, cloning and sequencing of the full 16S rRNA gene for detection of bacterial DNA in synovial fluid samples of Tunisian patients with reactive and undifferentiated arthritis. Arthritis Research and Therapy, 2009, 11, R102.	1.6	39
18	Molecular diversity analysis and bacterial population dynamics of an adapted seawater microbiota during the degradation of Tunisian zarzatine oil. Biodegradation, 2009, 20, 467-486.	1.5	31

#	ARTICLE	IF	CITATIONS
19	Molecular Analyses of the Microbial Community Composition of an Anoxic Basin of a Municipal Wastewater Treatment Plant Reveal a Novel Lineage of Proteobacteria. <i>Microbial Ecology</i> , 2010, 60, 272-281.	1.4	30
20	Microbial community of salt crystals processed from Mediterranean seawater based on 16S rRNA analysis. <i>Canadian Journal of Microbiology</i> , 2010, 56, 44-51.	0.8	30
21	Bacterial structure and spatiotemporal distribution in a horizontal subsurface flow constructed wetland. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3191-3203.	1.7	30
22	Microbial community structure associated with the high loading anaerobic codigestion of olive mill and abattoir wastewaters. <i>Bioresource Technology</i> , 2016, 201, 337-346.	4.8	30
23	Biodegradation of hydrocarbon cuts used for diesel oil formulation. <i>Applied Microbiology and Biotechnology</i> , 2004, 66, 40-47.	1.7	27
24	Discovery and characterization of a new bacterial candidate division by an anaerobic sludge digester metagenomic approach. <i>Environmental Microbiology</i> , 2008, 10, 2111-2123.	1.8	27
25	Co-occurrence of Crenarchaeota, Thermoplasmata and methanogens in anaerobic sludge digesters. <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 805-812.	1.7	27
26	Eukaryotic molecular diversity at different steps of the wastewater treatment plant process reveals more phylogenetic novel lineages. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 44.	1.7	23
27	Microbial Analysis and Efficiency of Biofiltration Packing Systems for Hydrogen Sulfide Removal from Wastewater Off Gas. <i>Environmental Engineering Science</i> , 2015, 32, 121-128.	0.8	19
28	Characterization of rhizosphere prokaryotic diversity in a horizontal subsurface flow constructed wetland using a PCR cloning-sequencing based approach. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4221-4231.	1.7	18
29	The structure and spatio-temporal distribution of the Archaea in a horizontal subsurface flow constructed wetland. <i>Science of the Total Environment</i> , 2012, 435-436, 465-471.	3.9	17
30	Colonization kinetics and implantation follow-up of the sewage microbiome in an urban wastewater treatment plant. <i>Scientific Reports</i> , 2020, 10, 11634.	1.6	17
31	Molecular community analysis of magnesium-rich bittern brine recovered from a Tunisian solar saltern. <i>Canadian Journal of Microbiology</i> , 2011, 57, 975-981.	0.8	15
32	Detection of WWE2-related <i>Lentisphaerae</i> by 16S rRNA gene sequencing and fluorescence in situ hybridization in landfill leachate. <i>Canadian Journal of Microbiology</i> , 2010, 56, 846-852.	0.8	11
33	Proteins of the plasma membrane skeleton in entodiniomorphid ciliates: An immunological study using monoclonal antibodies. <i>European Journal of Protistology</i> , 1991, 27, 365-370.	0.5	7
34	Molecular analysis of methanogen populations and their interactions within anaerobic sludge digesters. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2864-2879.	1.2	6
35	Immunological comparisons of major cortical cytoskeletal proteins in four entodiniomorphid ciliates. <i>European Journal of Protistology</i> , 1995, 31, 16-23.	0.5	4
36	Environmental, Economic, and Ethical Assessment of the Treated Wastewater and Sewage Sludge Valorization in Agriculture. <i>Handbook of Environmental Chemistry</i> , 2020, , 49-78.	0.2	0