

Hilal Ay

List of Publications by Year in descending order

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papers

412
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687363

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#	ARTICLE	IF	CITATIONS
1	Molecular determination of genotoxic effects of cobalt and nickel on maize (<i>Zea mays</i> L.) by RAPD and protein analyses. <i>Toxicology and Industrial Health</i> , 2013, 29, 662-671.	1.4	31
2	<i>Streptomyces cahuitamycinicus</i> sp. nov., isolated from desert soil and reclassification of <i>Streptomyces galilaeus</i> as a later heterotypic synonym of <i>Streptomyces bobili</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2750-2759.	1.7	26
3	<i>Flavobacterium turcicum</i> sp. nov. and <i>Flavobacterium kayseriense</i> sp. nov. isolated from farmed rainbow trout in Turkey. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126186.	2.8	25
4	Polyphasic classification of <i>Nonomuraea</i> strains isolated from the Karakum Desert and description of <i>Nonomuraea deserti</i> sp. nov., <i>Nonomuraea diastatica</i> sp. nov., <i>Nonomuraea longispora</i> sp. nov. and <i>Nonomuraea mesophila</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 636-647.	1.7	24
5	<i>Streptomyces sediminis</i> sp. nov. isolated from crater lake sediment. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 493-500.	1.7	23
6	<i>Desertiactinospora gelatinilytica</i> gen. nov., sp. nov., a new member of the family Streptosporangiaceae isolated from the Karakum Desert. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 409-423.	1.7	21
7	<i>Flavobacterium bernardetii</i> sp. nov., a possible emerging pathogen of farmed rainbow trout (<i>Oncorhynchus mykiss</i>) in cold water. <i>Aquaculture</i> , 2021, 540, 736717.	3.5	20
8	<i>Saccharopolyspora karakumensis</i> sp. nov., <i>Saccharopolyspora elongata</i> sp. nov., <i>Saccharopolyspora aridisoli</i> sp. nov., <i>Saccharopolyspora terrae</i> sp. nov. and their biotechnological potential revealed by genome analysis. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126270.	2.8	20
9	Genome-based classification of <i>Calidifontibacillus erzurumensis</i> gen. nov., sp. nov., isolated from a hot spring in Turkey, with reclassification of <i>Bacillus azotoformans</i> as <i>Calidifontibacillus azotoformans</i> comb. nov. and <i>Bacillus oryztterrae</i> as <i>Calidifontibacillus oryztterrae</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6418-6427.	1.7	19
10	Phylogenomic revision of the family Streptosporangiaceae, reclassification of <i>Desertiactinospora gelatinilytica</i> as <i>Spongiactinospora gelatinilytica</i> comb. nov. and a taxonomic home for the genus <i>Sinosporangium</i> in the family Streptosporangiaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2569-2579.	1.7	17
11	<i>Bacillus pasinlerensis</i> sp. nov., a thermophilic bacterium isolated from a hot spring in Turkey. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 3865-3871.	1.7	17
12	<i>Kribbella turkmenica</i> sp. nov., isolated from the Karakum Desert. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2533-2540.	1.7	15
13	Genome-based classification of three novel actinobacteria from the Karakum Desert: <i>Jiangella asiatica</i> sp. nov., <i>Jiangella aurantiaca</i> sp. nov. and <i>Jiangella ureilytica</i> sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1993-2002.	1.7	15
14	<i>Nonomuraea terrae</i> sp. nov., isolated from arid soil. <i>Archives of Microbiology</i> , 2020, 202, 2197-2205.	2.2	14
15	<i>Actinomadura alkaliterrae</i> sp. nov., isolated from an alkaline soil. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 787-794.	1.7	12
16	Genotoxic, cytotoxic, antimicrobial and antioxidant properties of gold nanoparticles synthesized by <i>Nocardia</i> sp. GTS18 using response surface methodology. <i>Materials Research Express</i> , 2018, 5, 115402.	1.6	12
17	Genome-based classification of <i>Micromonospora craterilacus</i> sp. nov., a novel actinobacterium isolated from Nemrut Lake. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 791-801.	1.7	11
18	<i>Flavobacterium muglaense</i> sp. nov. isolated from internal organs of apparently healthy rainbow trout. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	11

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19	<i>Nonomuraea insulae</i> sp. nov., isolated from forest soil. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 2051-2059.	1.7	10
20	<i>Micromonospora deserti</i> sp. nov., isolated from the Karakum Desert. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 282-291.	1.7	10
21	Description of the two novel species of the genus <i>Helicobacter</i> : <i>Helicobacter anatolicus</i> sp. nov., and <i>Helicobacter kayseriensis</i> sp. nov., isolated from feces of urban wild birds. <i>Systematic and Applied Microbiology</i> , 2022, 45, 126326.	2.8	9
22	Comprehensive genome analysis of a novel actinobacterium with high potential for biotechnological applications, <i>Nonomuraea aridisoli</i> sp. nov., isolated from desert soil. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 1963-1975.	1.7	8
23	<i>Shimazuella alba</i> sp. nov. isolated from desert soil and emended description of the genus <i>Shimazuella</i> Park et al. 2007. <i>Archives of Microbiology</i> , 2020, 202, 1831-1838.	2.2	8
24	Genomic insight into a novel actinobacterium, <i>Actinomadura rubrisoli</i> sp. nov., reveals high potential for bioactive metabolites. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 195-208.	1.7	7
25	Cloning, expression, biochemical characterization, and molecular docking studies of a novel glucose tolerant β -glucosidase from <i>Saccharomonospora</i> sp. NB11. <i>Enzyme and Microbial Technology</i> , 2021, 148, 109799.	3.2	7
26	<i>Bilacunaria aksekiensis</i> (Apiaceae), a New Species from South Anatolia, Turkey. <i>Annales Botanici Fennici</i> , 2011, 48, 361-367.	0.1	6
27	<i>Amycolatopsis cappadoca</i> sp. nov., isolated from soil. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1175-1182.	1.7	6
28	<i>Jiangella anatolica</i> sp. nov. isolated from coastal lake soil. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 887-895.	1.7	6
29	<i>Bilacunaria anatolica</i> sp. nov. (Apiaceae) from southwest Anatolia, Turkey. <i>Nordic Journal of Botany</i> , 2011, 29, 652-659.	0.5	2