

# Hilal Ay

## 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.

29  
papers

138  
citations

7  
h-index

9  
g-index

30  
ext. papers

367  
ext. citations

2.3  
avg, IF

3.47  
L-index

#	Paper	IF	Citations
29	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> , <b>2022</b> , 45, 126326	4.2	1
28	<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> , <b>2021</b> , 44, 126270	4.2	1
27	<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> , <b>2021</b> , 44, 126186	4.2	4
26	<i>Flavobacterium bernardetii</i> sp. nov., a possible emerging pathogen of farmed rainbow trout ( <i>Oncorhynchus mykiss</i> ) in cold water. <i>Aquaculture</i> , <b>2021</b> , 540, 736717	4.4	6
25	Genomic insight into a novel actinobacterium, <i>Actinomadura rubrisoli</i> sp. nov., reveals high potential for bioactive metabolites. <i>Antonie Van Leeuwenhoek</i> , <b>2021</b> , 114, 195-208	2.1	2
24	Cloning, expression, biochemical characterization, and molecular docking studies of a novel glucose tolerant $\beta$ -glucosidase from <i>Saccharomonospora</i> sp. NB11. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 148, 109799	3.8	1
23	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> , <b>2021</b> , 114, 1963-1975	2.1	0
22	<i>Nonomuraea terrae</i> sp. nov., isolated from arid soil. <i>Archives of Microbiology</i> , <b>2020</b> , 202, 2197-2205	3	6
21	Genome-based classification of <i>Micromonospora craterilacus</i> sp. nov., a novel actinobacterium isolated from Nemrut Lake. <i>Antonie Van Leeuwenhoek</i> , <b>2020</b> , 113, 791-801	2.1	5
20	Genome-based classification of gen. nov., sp. nov., isolated from a hot spring in Turkey, with reclassification of as comb. nov. and as comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 6418-6427	2.2	0
19	<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> , <b>2020</b> , 202, 1831-1838	3	2
18	sp. nov., isolated from the Karakum Desert. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 282-291	2.2	6
17	Polyphasic classification of strains isolated from the Karakum Desert and description of sp. nov., sp. nov., sp. nov. and sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 636-647	2.2	10
16	Genome-based classification of three novel actinobacteria from the Karakum Desert: sp. nov., sp. nov. and sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 1993-2002	2.2	4
15	Phylogenomic revision of the family , reclassification of as comb. nov. and a taxonomic home for the genus in the family. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 2569-2579	2.2	3
14	sp. nov., isolated from desert soil and reclassification of as a later heterotypic synonym of. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 2750-2759	2.2	10
13	sp. nov., a thermophilic bacterium isolated from a hot spring in Turkey. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 3865-3871	2.2	3

12	Kribbella turkmenica sp. nov., isolated from the Karakum Desert. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2019</b> , 69, 2533-2540	2.2	8
11	Jiangella anatolica sp. nov. isolated from coastal lake soil. <i>Antonie Van Leeuwenhoek</i> , <b>2019</b> , 112, 887-895	2.1	2
10	Desertiactinospora gelatinilytica gen. nov., sp. nov., a new member of the family Streptosporangiaceae isolated from the Karakum Desert. <i>Antonie Van Leeuwenhoek</i> , <b>2019</b> , 112, 409-423	2.1	9
9	Genotoxic, cytotoxic, antimicrobial and antioxidant properties of gold nanoparticles synthesized by Nocardia sp. GTS18 using response surface methodology. <i>Materials Research Express</i> , <b>2018</b> , 5, 115402	1.7	7
8	Streptomyces sediminis sp. nov. isolated from crater lake sediment. <i>Antonie Van Leeuwenhoek</i> , <b>2018</b> , 111, 493-500	2.1	8
7	Nonomuraea insulae sp. nov., isolated from forest soil. <i>Antonie Van Leeuwenhoek</i> , <b>2018</b> , 111, 2051-2059	2.1	4
6	Amycolatopsis cappadoca sp. nov., isolated from soil. <i>Antonie Van Leeuwenhoek</i> , <b>2018</b> , 111, 1175-1182	2.1	2
5	Actinomadura alkaliterrae sp. nov., isolated from an alkaline soil. <i>Antonie Van Leeuwenhoek</i> , <b>2017</b> , 110, 787-794	2.1	7
4	Molecular determination of genotoxic effects of cobalt and nickel on maize (Zea mays L.) by RAPD and protein analyses. <i>Toxicology and Industrial Health</i> , <b>2013</b> , 29, 662-71	1.8	22
3	Bilacunaria anatolica sp. nov. (Apiaceae) from southwest Anatolia, Turkey. <i>Nordic Journal of Botany</i> , <b>2011</b> , 29, 652-659	1.1	1
2	Bilacunaria aksekiensis(Apiaceae), a New Species from South Anatolia, Turkey. <i>Annales Botanici Fennici</i> , <b>2011</b> , 48, 361-367	0.3	4
1	Kocuria1-31		