

Demet Cetin

List of Publications by Year in descending order

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57
papers

1,179
citations

471509

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454955

30
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docs citations

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times ranked

1357
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#	ARTICLE	IF	CITATIONS
1	Investigation of the toxic effects of different polystyrene micro-and nanoplastics on microalgae <i>Chlorella vulgaris</i> by analysis of cell viability, pigment content, oxidative stress and ultrastructural changes. <i>Marine Pollution Bulletin</i> , 2020, 156, 111278.	5.0	112
2	Decolorization of reactive dyes by mixed cultures isolated from textile effluent under anaerobic conditions. <i>Enzyme and Microbial Technology</i> , 2006, 38, 926-930.	3.2	73
3	Paper membrane-based SERS platform for the determination of glucose in blood samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8243-8251.	3.7	73
4	Corrosion behavior of low-alloy steel in the presence of <i>Desulfotomaculum</i> sp.. <i>Corrosion Science</i> , 2009, 51, 1584-1588.	6.6	63
5	The treatment of textile wastewater including chromium(VI) and reactive dye by sulfate-reducing bacterial enrichment. <i>Journal of Environmental Management</i> , 2008, 88, 76-82.	7.8	58
6	Gold-Coated Iron Composite Nanospheres Targeted the Detection of <i>Escherichia coli</i> . <i>International Journal of Molecular Sciences</i> , 2013, 14, 6223-6240.	4.1	53
7	Rapid detection of bacteria based on homogenous immunoassay using chitosan modified quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 369-378.	7.8	52
8	The coupling of immunomagnetic enrichment of bacteria with paper-based platform. <i>Talanta</i> , 2019, 201, 245-252.	5.5	36
9	<i>Microvirga makkahensis</i> sp. nov., and <i>Microvirga arabica</i> sp. nov., isolated from sandy arid soil. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 287-296.	1.7	31
10	<i>Amycolatopsis cihanbeyliensis</i> sp. nov., a halotolerant actinomycete isolated from a salt mine. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3739-3743.	1.7	27
11	<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
12	<i>Saccharomonospora amisosensis</i> sp. nov., isolated from deep marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3782-3786.	1.7	24
13	SERS-based rapid assay for sensitive detection of Group A <i>Streptococcus</i> by evaluation of the swab sampling technique. <i>Analyst</i> , The, 2019, 144, 3573-3580.	3.5	24
14	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
15	<i>Streptomyces sediminis</i> sp. nov. isolated from crater lake sediment. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 493-500.	1.7	23
16	<i>Micromonospora profundus</i> sp. nov., isolated from deep marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4735-4743.	1.7	23
17	<i>Pseudonocardia cyprica</i> sp. nov., <i>Pseudonocardia salamisensis</i> sp. nov., <i>Pseudonocardia hierapolitana</i> sp. nov. and <i>Pseudonocardia kujensis</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1703-1711.	1.7	22
18	<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

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19	Saccharopolyspora karakumensis sp. nov., Saccharopolyspora elongata sp. nov., Saccharopolyspora aridisoli sp. nov., Saccharopolyspora terrae sp. nov. and their biotechnological potential revealed by genome analysis. Systematic and Applied Microbiology, 2021, 44, 126270.	2.8	20
20	Nonomuraea jabiensis sp. nov., isolated from arid soil. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 212-218.	1.7	18
21	Surface-enhanced Raman spectroscopy based 3D spheroid culture for drug discovery studies. Talanta, 2019, 191, 390-399.	5.5	18
22	Amperometric glucose sensor based on the glucose oxidase enzyme immobilized on graphite rod electrode modified with Fe ₃ O ₄ -CS-Au magnetic nanoparticles. Ionics, 2018, 24, 4015-4022.	2.4	17
23	Biocorrosion of Low Alloy Steel by Desulfotomaculum sp. and Effect of Biocides on Corrosion Control. ISIJ International, 2007, 47, 1023-1028.	1.4	16
24	Efficient and selective separation of metronidazole from human serum by using molecularly imprinted magnetic nanoparticles. Journal of Separation Science, 2018, 41, 2952-2960.	2.5	16
25	Micromonospora orduensis sp. nov., isolated from deep marine sediment. Antonie Van Leeuwenhoek, 2020, 113, 397-405.	1.7	16
26	Streptomonospora tuzyakensis sp. nov., a halophilic actinomycete isolated from saline soil. Antonie Van Leeuwenhoek, 2016, 109, 35-41.	1.7	15
27	Kribbella soli sp. nov., isolated from soil. Antonie Van Leeuwenhoek, 2017, 110, 641-649.	1.7	15
28	Kribbella sindirgiensis sp. nov. isolated from soil. Archives of Microbiology, 2017, 199, 1399-1407.	2.2	15
29	Micromonospora yasonensis sp. nov., isolated from a Black Sea sediment. Antonie Van Leeuwenhoek, 2016, 109, 1019-1028.	1.7	13
30	Fabrication of SERS active gold nanorods using benzalkonium chloride, and their application to an immunoassay for potato virus X. Mikrochimica Acta, 2017, 184, 1059-1067.	5.0	13
31	Fast fluorometric enumeration of E. coli using passive chip. Journal of Microbiological Methods, 2019, 164, 105680.	1.6	13
32	Streptosporangium anatoliense sp. nov., isolated from soil in Turkey. Antonie Van Leeuwenhoek, 2012, 102, 269-276.	1.7	12
33	Actinomadura alkaliterrae sp. nov., isolated from an alkaline soil. Antonie Van Leeuwenhoek, 2017, 110, 787-794.	1.7	12
34	Tracing Size and Surface Chemistry-Dependent Endosomal Uptake of Gold Nanoparticles Using Surface-Enhanced Raman Scattering. Langmuir, 2019, 35, 4020-4028.	3.5	12
35	Multiplex enumeration of <i>Escherichia coli</i> and <i>Salmonella enteritidis</i> in a passive capillary microfluidic chip. Analytical Methods, 2020, 12, 3788-3796.	2.7	12
36	Genome-based classification of Micromonospora craterilacus sp. nov., a novel actinobacterium isolated from Nemrut Lake. Antonie Van Leeuwenhoek, 2020, 113, 791-801.	1.7	11

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37	<i>Lechevalieria nigeriaca</i> sp. nov., isolated from arid soil. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3750-3754.	1.7	10
38	<i>Streptomyces karpasiensis</i> sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 827-832.	1.7	10
39	<i>Nonomuraea insulae</i> sp. nov., isolated from forest soil. Antonie Van Leeuwenhoek, 2018, 111, 2051-2059.	1.7	10
40	<i>Nonomuraea basaltis</i> sp. nov., a siderophore-producing actinobacteria isolated from surface soil of basaltic parent material. Archives of Microbiology, 2020, 202, 1535-1543.	2.2	10
41	<i>Streptomyces ovatisporus</i> sp. nov., isolated from deep marine sediment. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4856-4863.	1.7	10
42	<i>Micromonospora deserti</i> sp. nov., isolated from the Karakum Desert. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 282-291.	1.7	10
43	<i>Streptomyces burgazadensis</i> sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 4043-4048.	1.7	9
44	<i>Phytomonospora cypria</i> sp. nov., isolated from soil. Antonie Van Leeuwenhoek, 2015, 108, 1425-1432.	1.7	8
45	<i>Nocardia zapadnayensis</i> sp. nov., isolated from soil. Antonie Van Leeuwenhoek, 2016, 109, 95-103.	1.7	8
46	A study of three bacteria isolated from marine sediment and description of <i>Micromonospora globispora</i> sp. nov.. Systematic and Applied Microbiology, 2019, 42, 190-197.	2.8	8
47	<i>Streptomyces boluensis</i> sp. nov., isolated from lake sediment. Archives of Microbiology, 2020, 202, 2303-2309.	2.2	8
48	Comprehensive genome analysis of a novel actinobacterium with high potential for biotechnological applications, <i>Nonomuraea aridisoli</i> sp. nov., isolated from desert soil. Antonie Van Leeuwenhoek, 2021, 114, 1963-1975.	1.7	8
49	Nanoparticle embedded chitosan film for agglomeration free TEM images. Microscopy Research and Technique, 2017, 80, 163-166.	2.2	7
50	<i>Amycolatopsis cappadoca</i> sp. nov., isolated from soil. Antonie Van Leeuwenhoek, 2018, 111, 1175-1182.	1.7	6
51	<i>Jiangella anatolica</i> sp. nov. isolated from coastal lake soil. Antonie Van Leeuwenhoek, 2019, 112, 887-895.	1.7	6
52	<i>Actinomadura soli</i> sp. nov., isolated from the top soil layer on basaltic material in Turkey. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	5
53	<i>Saccharopolyspora soli</i> sp. nov., isolated from Northern Cyprus soil. Archives of Microbiology, 2022, 204, .	2.2	5
54	Anaerobic Biodegradation of Poly-3-Hydroxybutyrate (PHB) by Sulfate Reducing Bacterium <i>Desulfotomaculum</i> sp.. Soil and Sediment Contamination, 2009, 18, 345-353.	1.9	4

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55	High-yield aqueous synthesis of multi-branched iron oxide core–gold shell nanoparticles: SERS substrate for immobilization and magnetic separation of bacteria. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	4
56	Anisotropic core-shell Fe ₃ O ₄ @Au magnetic nanoparticles and the effect of the immunomagnetic separation volume on the capture efficiency. <i>Pure and Applied Chemistry</i> , 2014, 86, 967-978.	1.9	2
57	Influence of graphene oxide on the toxicity of polystyrene nanoplastics to the marine microalgae <i>Picochlorum</i> sp.. <i>Environmental Science and Pollution Research</i> , 2022, 29, 75870-75882.	5.3	2