

Demet Cetin

List of Publications by Year in descending order

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57
papers

1,179
citations

471509

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1357
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#	ARTICLE	IF	CITATIONS
1	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
2	<i>Saccharopolyspora soli</i> sp. nov., isolated from Northern Cyprus soil. <i>Archives of Microbiology</i> , 2022, 204, .	2.2	5
3	Comprehensive genome analysis of a novel actinobacterium with high potential for biotechnological applications, <i>Nonomurea aridisoli</i> sp. nov., isolated from desert soil. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 1963-1975.	1.7	8
4	<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
5	<i>Actinomadura soli</i> sp. nov., isolated from the top soil layer on basaltic material in Turkey. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	5
6	<i>Micromonospora orduensis</i> sp. nov., isolated from deep marine sediment. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 397-405.	1.7	16
7	Multiplex enumeration of <i>Escherichia coli</i> and <i>Salmonella enteritidis</i> in a passive capillary microfluidic chip. <i>Analytical Methods</i> , 2020, 12, 3788-3796.	2.7	12
8	<i>Streptomyces boluensis</i> sp. nov., isolated from lake sediment. <i>Archives of Microbiology</i> , 2020, 202, 2303-2309.	2.2	8
9	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
10	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
11	<i>Nonomurea basaltis</i> sp. nov., a siderophore-producing actinobacteria isolated from surface soil of basaltic parent material. <i>Archives of Microbiology</i> , 2020, 202, 1535-1543.	2.2	10
12	<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
13	Polyphasic classification of <i>Nonomurea</i> strains isolated from the Karakum Desert and description of <i>Nonomurea deserti</i> sp. nov., <i>Nonomurea diastatica</i> sp. nov., <i>Nonomurea longispora</i> sp. nov. and <i>Nonomurea mesophila</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 636-647.	1.7	24
14	<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
15	Fast fluorometric enumeration of <i>E. coli</i> using passive chip. <i>Journal of Microbiological Methods</i> , 2019, 164, 105680.	1.6	13
16	The coupling of immunomagnetic enrichment of bacteria with paper-based platform. <i>Talanta</i> , 2019, 201, 245-252.	5.5	36
17	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
18	Tracing Size and Surface Chemistry-Dependent Endosomal Uptake of Gold Nanoparticles Using Surface-Enhanced Raman Scattering. <i>Langmuir</i> , 2019, 35, 4020-4028.	3.5	12

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19	Surface-enhanced Raman spectroscopy based 3D spheroid culture for drug discovery studies. <i>Talanta</i> , 2019, 191, 390-399.	5.5	18
20	<i>Jiangella anatolica</i> sp. nov. isolated from coastal lake soil. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 887-895.	1.7	6
21	A study of three bacteria isolated from marine sediment and description of <i>Micromonospora globispora</i> sp. nov.. <i>Systematic and Applied Microbiology</i> , 2019, 42, 190-197.	2.8	8
22	<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
23	<i>Streptomyces sediminis</i> sp. nov. isolated from crater lake sediment. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 493-500.	1.7	23
24	<i>Nonomuraea insulae</i> sp. nov., isolated from forest soil. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 2051-2059.	1.7	10
25	Efficient and selective separation of metronidazole from human serum by using molecularly imprinted magnetic nanoparticles. <i>Journal of Separation Science</i> , 2018, 41, 2952-2960.	2.5	16
26	<i>Amycolatopsis cappadoca</i> sp. nov., isolated from soil. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1175-1182.	1.7	6
27	Amperometric glucose sensor based on the glucose oxidase enzyme immobilized on graphite rod electrode modified with Fe ₃ O ₄ -CS-Au magnetic nanoparticles. <i>Ionics</i> , 2018, 24, 4015-4022.	2.4	17
28	Fabrication of SERS active gold nanorods using benzalkonium chloride, and their application to an immunoassay for potato virus X. <i>Mikrochimica Acta</i> , 2017, 184, 1059-1067.	5.0	13
29	<i>Kribbella soli</i> sp. nov., isolated from soil. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 641-649.	1.7	15
30	<i>Actinomadura alkaliterrae</i> sp. nov., isolated from an alkaline soil. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 787-794.	1.7	12
31	<i>Kribbella sindirgiensis</i> sp. nov. isolated from soil. <i>Archives of Microbiology</i> , 2017, 199, 1399-1407.	2.2	15
32	Nanoparticle embedded chitosan film for agglomeration free TEM images. <i>Microscopy Research and Technique</i> , 2017, 80, 163-166.	2.2	7
33	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
34	<i>Micromonospora yasonensis</i> sp. nov., isolated from a Black Sea sediment. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 1019-1028.	1.7	13
35	<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
36	<i>Nocardia zapadnayensis</i> sp. nov., isolated from soil. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 95-103.	1.7	8

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37	<i>Streptomonospora tuzyakensis</i> sp. nov., a halophilic actinomycete isolated from saline soil. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 35-41.	1.7	15
38	<i>Micromonospora profundi</i> sp. nov., isolated from deep marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4735-4743.	1.7	23
39	<i>Streptomyces ovatisporus</i> sp. nov., isolated from deep marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4856-4863.	1.7	10
40	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
41	<i>Phytomonospora cypria</i> sp. nov., isolated from soil. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 1425-1432.	1.7	8
42	<i>Streptomyces burgazadensis</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 4043-4048.	1.7	9
43	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
44	<i>Streptomyces karpasiensis</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 827-832.	1.7	10
45	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
46	<i>Pseudonocardia cypriaca</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
47	<i>Nonomuraea jabiensis</i> sp. nov., isolated from arid soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 212-218.	1.7	18
48	<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
49	<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
50	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
51	<i>Lechevalieria nigeriaca</i> sp. nov., isolated from arid soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3750-3754.	1.7	10
52	<i>Streptosporangium anatoliense</i> sp. nov., isolated from soil in Turkey. <i>Antonie Van Leeuwenhoek</i> , 2012, 102, 269-276.	1.7	12
53	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
54	Anaerobic Biodegradation of Poly-3-Hydroxybutyrate (PHB) by Sulfate Reducing Bacterium <i>Desulfotomaculum</i> sp.. <i>Soil and Sediment Contamination</i> , 2009, 18, 345-353.	1.9	4

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55	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
56	Biocorrosion of Low Alloy Steel by <i>Desulfotomaculum</i> sp. and Effect of Biocides on Corrosion Control. <i>ISIJ International</i> , 2007, 47, 1023-1028.	1.4	16
57	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