	Εργασία	Φοιτητές	Φοιτητές
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2	Fragoeiro and Magan (2005) Enzymatic activity, osmotic stress and degradation of pesticide mixtures in soil extract liquid broth inoculated with Phanerochaete chrysosporium and Trametes versicolor. *Environmental Microbiology* 7: 348-355	Αλεξίου	Αλεξοπούλου
3	Galvan et al. (2009) Molecular diversity of arbuscular mycorrhizal fungi in onion roots from organic and conventional farming systems in the Netherlands. *Mycorrhiza* 19: 317-328	Αντωνίου	Απτη
4	Ren et al. (2009) Simultaneous accumulation and degradation of polyhydroxyalkanoates: futile cycle or clever regulation. *Biomacromolecules* 10, 916-922	Αρσένη	Βαλιδάκη
5	Becker and Boles (2003) A modified *Saccharomyces cerevisiae* strain that consumes L-Arabinose and produces ethanol. *Applied and Environmental Microbiology* 69, 4144-4150	Βάλτα	Βασιλόγιαννη
6	Tappe et al. (2013) Degradation of Sulfadiazine by *Microbacterium lacus* Strain SDZm4, Isolated from Lysimeters Previously Manured with Slurry from Sulfadiazine-Medicated Pigs. Applied and Environmental Microbiology 79:2572-2577	Γιαλλούρη	Γιαννακού
7	Chaunan et al., (2006) Application of xylanase enzyme of *Bacillus coagulans* as a prebleaching agent on non-woody pulps. *Process Biochemistry* 41, 226-231	Γιαννόπουλος	Γκαντούνας
8	Zhang et al. (2011) A new bioorganic fertilizer can effectively control banana wilt by strong colonization with Bacillus subtilis N11. *Plant Soil* 344: 87-97	Γλαπατζή	Δημοπούλου
9	Hwang et al., (2009) Bacterial community succession during in situ uranum bioremediation: spatial similarities along controlled flow paths. *ISME J* 3,47-64	Διακογεωργίου	Δικόγλου-Τζανετάκου
10	Daims et al. (2015) Complete nitrification by Nitrospira bacteria. Nature doi10.1038/nature16461	Δρακόπουλος	Ευμορφοπούλου
11	Perfumo et al. (2006) Rhamnolipid production by a novel thermophilic hydrocarbon-degrading *Pseudomonas aeruginosa* AP01-1. *Applied Microbiology and Biotechnology* 72, 132-138	Ζώνκε	Ηλιοπούλου
12	Singh (2009) Organophosphorus –degrading bacteria: ecology and industrial applications. *Nature Reviews Microbiology* 7, 156-164.	Ιωσηφίδου	Καββαθά
13	Kim et al., (2000) Expression of *sfp* gene and hydrocarbon degradation by *Bacillus subtilis*. *Biotechnology Letters* 22, 1431-1436	Καλαιτζίδου	Κάλλη
14	Pinto et al. (2016) Metagenomic evidence for the presence of Comammox Nitrospira-like bacteria in a drinking water system. mSphere 1(1):e00054-15. doi:10.1128/mSphere.00054-15	Καλωνιάτη	Κανούρα
15	Selvam et al., (2002) Biological treatment of a pulp and paper industry effluent by *Fomes lividus* and *Trametes versicolor*. *World Journal of Microbiology and Biotechnology* 18, 523-526	Κατούνης	Κατσαούνη

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17	Zhao and Wong (2009) Biosurfactants from *Acinetobacter calcoaceticus* BU03 enhance the solubility and biodegradation of phenanthrene. *Environmental Technology* 30(3):291-299	Κοτζακιοζίδου	Κουκουλιάτρα
18	Van Kessel et al. (2015) Complete nitrification by a single microorganism. Nature doi:10.1038/nature16459	Κυπραίου	Λίντζος
19	Pizzul et al (2009) Degradation of glyphosate and other pesticides by ligninolytic enzymes. *Biodegradation* 20(6):751-759.	Μανάλη	Μαρκάτος
20	Prosser and Nicol (2008) Relative contribution of archaea and bacteria to aerobic ammonia oxidation in the environment. *Environmental Microbiology* 10, 2931-2941	Μητριάδου	Μουτζουρέλη
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22	Ramos-Solano et al. (2010) Siderophore and chitinase producing isolates from the rhizosphere of Nicotiana glauca Graham enhance growth and induce systemic resistance in Solanum lycopersicum L. Plant Soil 334, 189-197.	Μπεριτζά	Μπούμπας
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29	Ren et al., (2009) Simultaneous accumulation and degradation of polyhydroxyalkanoates: futile cycle or clever regulation. *Biomacromolecules* 10, 916-922	Σκυβαλίδας	Σούρσου
30	Shinha and Khare (2012) Mercury bioremediation by mercury accumulating *Enterobacter* sp. cells and its alginate immobilized application. Biodegradation 23:25-34	Σπυριδόπουλος	Στυλιανίδου
31	Hazen et al. (2010) Deep-Sea Oil Plume Enriches Indigenous Oil-Degrading Bacteria. *Science* 330: 204 DOI: 10.1126/science.1195979	Σύρρου	Ταβερναράκη-Τριανταφύλλου

32	Van Nostrand et al. (2011) Dynamics of Microbial Community Composition and Function during In Situ Bioremediation of a Uranium-Contaminated Aquifer. *Applied and Environmental Microbiology* 77: 3860-3869	Τζώρτζη	Τσιούρη
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37	Levicnik-Hofferle et al (2012) Stimulation of thaumarchaeal ammonia oxidation by ammonia derived from organic nitrogen but not added inorganic nitrogen. *FEMS Microbiology Ecology* 80: 114-123	Αθανασόπουλος	Αλεξόπουλος
38	Pohlmann et al (2007) Genome sequence of the bioplastic-producing ‘‘Knallgas’’ bacterium Ralstonia eutropha H16. *Nature Biotechnology doi:10.1038/nbt1244*	Αναγνώστου	Αναστασιάδου
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41	Strong et al. (2000) Field-scale remediation of atrazine-contaminated soil using recombinant *Escherichia coli* expressing atrazine chlorohydrolase. *Environmental Microbiology* 2(1):91-98	Γεωργαντόπουλος	Γεωργίου Χ

42	Tourna et al (2011) *Nitrososphaera viennensis*, an ammonia oxidizing archaeon from soil Proceedings of the National Academy of Sciences 108(20): 8420-8425	Γεωργίου Μ	Γεωργοπούλου
43	Dunon et al. (2013) High prevalence of IncP-1 plasmids and IS1071 insertion sequences in on-farm biopurification systems and other pesticide-polluted environments	Γιαννακάς	Γκέρδη
44	Sentchilo et al. (2013) Community-wide plasmid gene mobilization and selection	Γκίνη	Γκιουζέλη
45	Delmotte et al. (2009) Community proteogenomics reveals insights into the physiology of phyllosphere bacteria	Γκοτζαρίδου	Γραβάνη
46	Tappe et al. (2013) Degradation of Sulfadiazine by Microbacterium lacus Strain SDZm4, Isolated from Lysimeters Previously Manured with Slurry from Sulfadiazine-Medicated Pigs	Γρηγοριάδης	Γυφτέα
47	Luo et al. (2016) Diverse gene functions in a soil mobilome. Soil Biology and Biochemistry 101: 175-183	Δασκαλάκη	Εξάρχου
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49	Scheublin et al. (2014) Transcriptional profiling of Gram-positive Arthrobacter in the phyllosphere: induction of pollutant degradation genes by natural phenolic compounds. Environ. Microbiology 16: 2212-2225	Ζώτα	Θεοδόση
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55	Naito et al. (2015) Minimal genomes of mycoplasma-related endobacteria are plastic and contain host-derived genes for sustained life within Glomeromycota. PNAS 112(25): 7791-7796	Κουλάς	Κουτσίκου
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57	Panilaitis et al. (2006) Biosynthesis of emulsan biopolymers from agro-based feedstocks. Journal of Applied Microbiology 102:531-537	Λέκα	Λεμονιά
58	Jung et al. (2016) Metagenomic and functional analyses of the consequences of reduction of bacterial diversity on soil functions and bioremediation in diesel-contaminated microcosms. Scientific Reports Volume 6, 14 March 2016, Article number 23012	Λέφας	Λιόλιος
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60	Ntougias et al. (2016) Olive mill wastewater biodegradation potential of white-rot fungi - Mode of action of fungal culture extracts and effects of ligninolytic enzymes . Bioresource Technology 189: 121-130	Μαρρά	Μουράτη
61	Haroune et al. (2014) Evaluation of the efficiency of Trametes hirsuta for the removal of multiple pharmaceutical compounds under low concentrations relevant to the environment. Bioresource Technology 171: 199-202	Μπαμπαίτου	Μπάρκας
62	Robins et al. (2013) Escherichia coli NemA is an efficient chromate reductase that can be biologically immobilized to provide a cell free system for remediation of hexavalent chromium. Plos One 8(3):e59200. doi: 10.1371/journal.pone.0059200	Μπράουν	Νικολαίδου
63	Yanase et al. (2012) Ethanol production from wood hydrolysate using genetically engineered Zymomonas mobilis. Applied Microbiology and Biotechnology 94, 1667–1678	Ντζαμαρά	Ντούπης
64	Shui et al. (2015) Adaptive laboratory evolution of ethanologenic Zymomonas mobilis strain tolerant to furfural and acetic acid inhibitors. Applied Microbiology and Biotechnology 99(13) 5739-5748	Νυχάς	Παναγιώτου

65	Itoh et al. (2014) Bacterial population succession and adaptation affected by insecticide application and soil spraying. Frontiers Microbiology 5, Article 457, doi: 10.3389/fmicb.2014.00457	Παπά	Χατήρα
66	Sauder et al. (2012) Low-ammonia niche of ammonia-oxidizing archaea in rotating biological contactors of a municipal wastewater treatment plant. Environmental Microbiology doi:10.1111/j.1462-2920.2012.02786.x	Παπαγεωργίου	Παραλυκίδου
67	Nucio et al. (2013) An arbuscular mycorrhizal fungus significantly modifies the soil bacterial community and nitrogen cycling during litter decomposition. Environmental Microbiology doi:10.1111/1462-2920.12081	Πασχαλίδου	Πατεράκη
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69	Sentchilo et al. (2013) Community-wide plasmid gene mobilization and selection. ISME Journal doi:10.1038/ismej.2013.13	Πλύκα	Πλωτάς
70	Aylward et al. (2013) Comparison of 26 Sphingomonad Genomes Reveals Diverse Environmental Adaptations and Biodegradative Capabilities. Applied and Environmental Microbiology 79(12) 3724-3733	Πολυχρόνης	Ράφτης
71	Daims et al. (2015) Complete nitrification by Nitrospira bacteria. Nature doi10.1038/nature16461	Σιάσιου	Σταμάτης
72	Cretoiu et al. (2015) A novel salt-tolerant chitobiosidase discovered by genetic screening of a metagenomic library derived from chitin-amended agricultural soil. Applied Microbiology and Biotechnology DOI 10.1007/s00253-015-6639-5	Στέλλας	Στεργίου
73	Suenaga et al. (2007) Functional screening of a metagenomic library for genes involved in microbial degradation of aromatic compounds. Environmental Microbiology 9(9): 2289-2297	Τέκος	Τερψίδης
74	Van Kessel et al. (2015) Complete nitrification by a single microorganism. Nature doi:10.1038/nature16459	Τετριμίδας	Τζηκούλης
75	Hazen et al. (2010) Deep-Sea Oil Plume Enriches Indigenous Oil-Degrading Bacteria. *Science* 330: 204 DOI: 10.1126/science.1195979	Τσαγκαράκου	Τσιάρα
76	Strong et al. (2000) Field-scale remediation of atrazine-contaminated soil using recombinant *Escherichia coli* expressing atrazine chlorohydrolase. *Environmental Microbiology* 2(1):91-98	Τσιλιβάκου	Χαίδας
77	Yatsunenko et al. (2012) Human gut microbiome viewed across age and geography. Nature 486: 222-228	Χαραλάμπους	Χατζηευφρεμίδη