

# Elena N Kaparullina

## List of Publications by Year in descending order

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40  
papers

803  
citations

706676

14  
h-index

620720

26  
g-index

44  
all docs

44  
docs citations

44  
times ranked

941  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Telmato bacter bradus</i> gen. nov., sp. nov., a cellulolytic facultative anaerobe from subdivision 1 of the Acidobacteria, and emended description of <i>Acidobacterium capsulatum</i> Kishimoto et al. 1991. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 430-437.	0.8	137
2	<i>Stenotrophomonas chelatiphaga</i> sp. nov., a new aerobic EDTA-degrading bacterium. <i>Systematic and Applied Microbiology</i> , 2009, 32, 157-162.	1.2	49
3	<i>Chelativorans multitrophicus</i> gen. nov., sp. nov. and <i>Chelativorans oligotrophicus</i> sp. nov., aerobic EDTA-degrading bacteria. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1044-1051.	0.8	48
4	<i>Acidisoma tundrae</i> gen. nov., sp. nov. and <i>Acidisoma sibiricum</i> sp. nov., two acidophilic, psychrotolerant members of the Alphaproteobacteria from acidic northern wetlands. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2283-2290.	0.8	44
5	<i>Methylophilus flavus</i> sp. nov. and <i>Methylophilus luteus</i> sp. nov., aerobic, methylotrophic bacteria associated with plants. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2623-2628.	0.8	44
6	<i>Natronoflexus pectinivorans</i> gen. nov. sp. nov., an obligately anaerobic and alkaliphilic fermentative member of Bacteroidetes from soda lakes. <i>Extremophiles</i> , 2011, 15, 691-696.	0.9	44
7	Anaerobic utilization of pectinous substrates at extremely haloalkaline conditions by <i>Natranaerovirga pectinivora</i> gen. nov., sp. nov., and <i>Natranaerovirga hydrolytica</i> sp. nov., isolated from hypersaline soda lakes. <i>Extremophiles</i> , 2012, 16, 307-315.	0.9	39
8	The Family Methylophilaceae. , 2014, , 869-880.		37
9	<i>Methyloligella halotolerans</i> gen. nov., sp. nov. and <i>Methyloligella solikamskensis</i> sp. nov., two non-pigmented halotolerant obligately methylotrophic bacteria isolated from the Ural saline environments. <i>Systematic and Applied Microbiology</i> , 2013, 36, 148-154.	1.2	35
10	Phosphate-solubilizing activity of aerobic methylobacteria. <i>Microbiology</i> , 2013, 82, 864-867.	0.5	33
11	Halophilic and halotolerant aerobic methylobacteria from the technogenic Solikamsk biotopes. <i>Microbiology</i> , 2013, 82, 490-498.	0.5	31
12	<i>Methyloversatilis thermotolerans</i> sp. nov., a novel thermotolerant facultative methylotroph isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 158-164.	0.8	31
13	<i>Methylobacillus arboreus</i> sp. nov., and <i>Methylobacillus gramineus</i> sp. nov., novel non-pigmented obligately methylotrophic bacteria associated with plants. <i>Systematic and Applied Microbiology</i> , 2011, 34, 477-481.	1.2	27
14	<i>Methylobacillus methanolivorans</i> sp. nov., a novel non-pigmented obligately methylotrophic bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 425-431.	0.8	19
15	A novel <i>Delftia</i> plant symbiont capable of autotrophic methylotrophy. <i>Microbiology</i> , 2017, 86, 96-105.	0.5	17
16	Emended Descriptions of <i>Advenella kashmirensis</i> subsp. <i>kashmirensis</i> subsp. nov., <i>Advenella kashmirensis</i> subsp. <i>methylica</i> subsp. nov., and <i>Methylopila turkiensis</i> sp. nov.. <i>Microbiology</i> , 2016, 85, 646-648.	0.5	15
17	<i>Methylopila musalis</i> sp. nov., an aerobic, facultatively methylotrophic bacterium isolated from banana fruit. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1847-1852.	0.8	14
18	<i>Methylovorus menthalis</i> , a novel species of aerobic obligate methylobacteria associated with plants. <i>Microbiology</i> , 2011, 80, 713-719.	0.5	11

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19	Phylogenetic position and phosphate solubilization activity of lactic acid bacteria associated with different plants. <i>Microbiology</i> , 2013, 82, 393-396.	0.5	11
20	<i>Ancylobacter sonchi</i> sp. nov., a novel methylotrophic bacterium from roots of <i>Sonchus arvensis</i> L.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4552-4558.	0.8	11
21	EDTA-dependent bacterial strain. <i>Process Biochemistry</i> , 2005, 40, 601-605.	1.8	10
22	<i>Hansschlegelia quercus</i> sp. nov., a novel methylotrophic bacterium isolated from oak buds. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4646-4652.	0.8	10
23	The effect of temperature on bacterial degradation of EDTA in pH-auxostat. <i>World Journal of Microbiology and Biotechnology</i> , 2006, 22, 1205-1213.	1.7	9
24	Aerobic degradation of ethylenediaminetetraacetate (review). <i>Applied Biochemistry and Microbiology</i> , 2011, 47, 460-473.	0.3	9
25	<i>Methylobacillus caricis</i> sp. nov., an obligate methylotroph isolated from roots of sedge ( <i>Carex</i> sp.). <i>Microbiology</i> , 2017, 86, 737-744.	0.5	8
26	<i>Methylopila turkiensis</i> sp. nov., a new aerobic facultatively methylotrophic phytosymbiont. <i>Microbiology</i> , 2015, 84, 544-552.	0.5	7
27	Obligate methylotroph <i>Methylobacillus arboreus</i> IvaT synthesizes a plant hormone, gibberellic acid GA3. <i>Microbiology</i> , 2018, 87, 47-50.	0.5	7
28	Biodiversity of aerobic methyllobacteria associated with the phyllosphere of the southern Moscow region. <i>Microbiology</i> , 2017, 86, 113-118.	0.5	6
29	EDTA degradation by cells of <i>Chelativorans oligotrophicus</i> immobilized on a biofilter. <i>Applied Biochemistry and Microbiology</i> , 2012, 48, 396-400.	0.3	5
30	<i>Methylopila carotae</i> sp. nov., a facultative methylotroph, isolated from a root of <i>Daucus carota</i> L.. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 1307-1316.	0.7	5
31	Methanol metabolism of the rhizosphere phytosymbiont <i>Methylobacterium nodulans</i> . <i>Microbiology</i> , 2011, 80, 854-856.	0.5	4
32	<i>Advenella kashmirensis</i> subsp. <i>methylica</i> PK1, a facultative methylotroph from carex rhizosphere. <i>Microbiology</i> , 2015, 84, 73-79.	0.5	4
33	Emended description of <i>Methylovorus glucosotrophus</i> govorukhina and trotsenko 1991. <i>Microbiology</i> , 2016, 85, 548-552.	0.5	4
34	Intensification of Nickel Bioleaching with Neutrophilic Bacteria <i>Guyparkeria halophila</i> as an Approach to Limitation of Sulfuric Acid Pollution. <i>Microorganisms</i> , 2021, 9, 2461.	1.6	4
35	Bacterial Strain Characterizing by EDTA Requirement. <i>Applied Biochemistry and Microbiology</i> , 2005, 41, 469-473.	0.3	3
36	Degradation of the EDTA and EDTA complexes with metals by immobilized cells of <i>Chelativorans oligotrophicus</i> LPM-4 bacteria. <i>Applied Biochemistry and Microbiology</i> , 2012, 48, 564-568.	0.3	3

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37	Formate supplementation can increase nickel recovery by <i>Halothiobacillus halophilus</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 535-537.	1.7	3
38	Metabolism characteristics of <i>Chelativorans oligotrophicus</i> by two-phase growth on the mixture of EDTA and glucose. <i>Applied Biochemistry and Microbiology</i> , 2009, 45, 498-502.	0.3	2
39	Metabolic peculiarities of an obligate degrader of Ethylenediaminetetraacetate. <i>Microbiology</i> , 2006, 75, 358-361.	0.5	1
40	System of oligonucleotide primers for detection and amplification of the <i>emoA</i> gene encoding bacterial ethylenediaminetetraacetate monooxygenase. <i>Applied Biochemistry and Microbiology</i> , 2008, 44, 361-365.	0.3	1