

Jin-Woo Bae

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222
papers

9,318
citations

37
h-index

90
g-index

239
ext. papers

12,327
ext. citations

3.9
avg, IF

6.3
L-index

#	Paper	IF	Citations
222	Proteobacteria: microbial signature of dysbiosis in gut microbiota. <i>Trends in Biotechnology</i> , 2015 , 33, 496-503	15.1	1268
221	An increase in the Akkermansia spp. population induced by metformin treatment improves glucose homeostasis in diet-induced obese mice. <i>Gut</i> , 2014 , 63, 727-35	19.2	938
220	Innate immune homeostasis by the homeobox gene caudal and commensal-gut mutualism in <i>Drosophila</i> . <i>Science</i> , 2008 , 319, 777-82	33.3	597
219	Insect gut bacterial diversity determined by environmental habitat, diet, developmental stage, and phylogeny of host. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 5254-64	4.8	354
218	Metagenomic analysis of kimchi, a traditional Korean fermented food. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 2264-74	4.8	342
217	Diversity of ammonium-oxidizing bacteria in a granular sludge anaerobic ammonium-oxidizing (anammox) reactor. <i>Environmental Microbiology</i> , 2008 , 10, 3130-9	5.2	242
216	Investigation of archaeal and bacterial diversity in fermented seafood using barcoded pyrosequencing. <i>ISME Journal</i> , 2010 , 4, 1-16	11.9	241
215	Amplification methods bias metagenomic libraries of uncultured single-stranded and double-stranded DNA viruses. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 7663-8	4.8	197
214	Diversity and abundance of single-stranded DNA viruses in human feces. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 8062-70	4.8	169
213	Bacterial community analysis during fermentation of ten representative kinds of kimchi with barcoded pyrosequencing. <i>Food Microbiology</i> , 2012 , 30, 197-204	6	155
212	Comparative analysis of Korean human gut microbiota by barcoded pyrosequencing. <i>PLoS ONE</i> , 2011 , 6, e22109	3.7	155
211	Transfer of a healthy microbiota reduces amyloid and tau pathology in an Alzheimer's disease animal model. <i>Gut</i> , 2020 , 69, 283-294	19.2	148
210	Amplification of uncultured single-stranded DNA viruses from rice paddy soil. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 5975-85	4.8	139
209	Influence of soil components on the biodegradation of benzene, toluene, ethylbenzene, and o-, m-, and p-xylenes by the newly isolated bacterium <i>Pseudoxanthomonas spadix</i> BD-a59. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 7313-20	4.8	127
208	Enteric Viruses Ameliorate Gut Inflammation via Toll-like Receptor 3 and Toll-like Receptor 7-Mediated Interferon- β Production. <i>Immunity</i> , 2016 , 44, 889-900	32.3	127
207	Strict vegetarian diet improves the risk factors associated with metabolic diseases by modulating gut microbiota and reducing intestinal inflammation. <i>Environmental Microbiology Reports</i> , 2013 , 5, 765-787	3.7	123
206	Comparing microarrays and next-generation sequencing technologies for microbial ecology research. <i>Trends in Biotechnology</i> , 2010 , 28, 291-9	15.1	117

205	Impact of pelvic radiotherapy on gut microbiota of gynecological cancer patients revealed by massive pyrosequencing. <i>PLoS ONE</i> , 2013 , 8, e82659	3.7	111
204	Development and evaluation of genome-probing microarrays for monitoring lactic acid bacteria. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 8825-35	4.8	106
203	Analysis of yeast and archaeal population dynamics in kimchi using denaturing gradient gel electrophoresis. <i>International Journal of Food Microbiology</i> , 2008 , 126, 159-66	5.8	95
202	Chronic Repression of mTOR Complex 2 Induces Changes in the Gut Microbiota of Diet-induced Obese Mice. <i>Scientific Reports</i> , 2016 , 6, 30887	4.9	93
201	Metagenomic characterization of airborne viral DNA diversity in the near-surface atmosphere. <i>Journal of Virology</i> , 2012 , 86, 8221-31	6.6	90
200	Unexpected convergence of fungal and bacterial communities during fermentation of traditional Korean alcoholic beverages inoculated with various natural starters. <i>Food Microbiology</i> , 2012 , 30, 112-23 ⁶		77
199	Metagenomic analysis of the viral communities in fermented foods. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 1284-91	4.8	76
198	Lysogeny is prevalent and widely distributed in the murine gut microbiota. <i>ISME Journal</i> , 2018 , 12, 1127-1141		74
197	<i>Geobacillus toebii</i> sp. nov., a novel thermophilic bacterium isolated from hay compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002 , 52, 2251-2255	2.2	73
196	Bacterial, archaeal, and eukaryal diversity in the intestines of Korean people. <i>Journal of Microbiology</i> , 2008 , 46, 491-501	3	70
195	<i>Arthrobacter soli</i> sp. nov., a novel bacterium isolated from wastewater reservoir sediment. <i>Journal of Microbiology</i> , 2008 , 46, 40-4	3	68
194	<i>Blautia faecis</i> sp. nov., isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 599-603	2.2	67
193	Metatranscriptome analysis of lactic acid bacteria during kimchi fermentation with genome-probing microarrays. <i>International Journal of Food Microbiology</i> , 2009 , 130, 140-6	5.8	66
192	Phylogenetic characterization of two novel commensal bacteria involved with innate immune homeostasis in <i>Drosophila melanogaster</i> . <i>Applied and Environmental Microbiology</i> , 2008 , 74, 6171-7	4.8	62
191	Statistical superiority of genome-probing microarrays as genomic DNA-DNA hybridization in revealing the bacterial phylogenetic relationship compared to conventional methods. <i>Journal of Microbiological Methods</i> , 2008 , 75, 523-30	2.8	61
190	<i>Halalkalicoccus jeotgali</i> sp. nov., a halophilic archaeon from shrimp jeotgal, a traditional Korean fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2296-2298 ²		56
189	Autophagy deficiency in myeloid cells increases susceptibility to obesity-induced diabetes and experimental colitis. <i>Autophagy</i> , 2016 , 12, 1390-403	10.2	55
188	Spatial disturbances in altered mucosal and luminal gut viromes of diet-induced obese mice. <i>Environmental Microbiology</i> , 2016 , 18, 1498-510	5.2	45

187	Blautia stercoris sp. nov., isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 776-779	2.2	41
186	Obesogenic diet-induced gut barrier dysfunction and pathobiont expansion aggravate experimental colitis. <i>PLoS ONE</i> , 2017 , 12, e0187515	3.7	40
185	Mucilaginibacter oryzae sp. nov., isolated from soil of a rice paddy. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 1451-4	2.2	35
184	Determination of cyanobacterial diversity during algal blooms in Daechung Reservoir, Korea, on the basis of cpcBA intergenic spacer region analysis. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 3252-3258	4.8	35
183	Methylobacterium platani sp. nov., isolated from a leaf of the tree Platanus orientalis. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2849-2853	2.2	35
182	Social status shapes the bacterial and fungal gut communities of the honey bee. <i>Scientific Reports</i> , 2018 , 8, 2019	4.9	34
181	Paracoccus aestuarii sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 790-4	2.2	34
180	Endozoicomonas atrinae sp. nov., isolated from the intestine of a comb pen shell Atrina pectinata. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2312-2318	2.2	33
179	Application of quantitative real-time PCR for enumeration of total bacterial, archaeal, and yeast populations in kimchi. <i>Journal of Microbiology</i> , 2009 , 47, 682-5	3	33
178	Pedobacter agri sp. nov., from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1640-3	2.2	33
177	Oceanobacillus kimchii sp. nov. isolated from a traditional Korean fermented food. <i>Journal of Microbiology</i> , 2010 , 48, 862-6	3	32
176	Luteimonas aestuarii sp. nov., isolated from tidal flat sediment. <i>Journal of Microbiology</i> , 2008 , 46, 525-9	3	32
175	Natronococcus jeotgali sp. nov., a halophilic archaeon isolated from shrimp jeotgal, a traditional fermented seafood from Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2129-2131	2.2	32
174	Pseudoalteromonas marina sp. nov., a marine bacterium isolated from tidal flats of the Yellow Sea, and reclassification of Pseudoalteromonas sagamiensis as Algalicola sagamiensis comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 12-18	2.2	32
173	Brachybacterium squillarum sp. nov., isolated from salt-fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1118-1122	2.2	31
172	Kocuria atrinae sp. nov., isolated from traditional Korean fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 914-918	2.2	30
171	Sulfitobacter litoralis sp. nov., a marine bacterium isolated from the East Sea, Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 692-695	2.2	29
170	Leucobacter celer sp. nov., isolated from Korean fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 2353-2357	2.2	28

169	Stappia marina sp. nov., a marine bacterium isolated from the Yellow Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 75-9	2.2	28
168	Haloterrigena jeotgali sp. nov., an extremely halophilic archaeon from salt-fermented food. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 2359-63	2.2	27
167	Joostella marina gen. nov., sp. nov., a novel member of the family Flavobacteriaceae isolated from the East Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1388-92	2.2	27
166	Halapricum salinum gen. nov., sp. nov., an extremely halophilic archaeon isolated from non-purified solar salt. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 979-86	2.1	26
165	Homogeneous versus heterogeneous probes for microbial ecological microarrays. <i>Trends in Biotechnology</i> , 2006 , 24, 318-23	15.1	26
164	Bombella apis sp. nov., an acetic acid bacterium isolated from the midgut of a honey bee. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 2184-2188	2.2	26
163	Acinetobacter apis sp. nov., isolated from the intestinal tract of a honey bee, Apis mellifera. <i>Journal of Microbiology</i> , 2014 , 52, 639-45	3	25
162	Kocuria koreensis sp. nov., isolated from fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 140-143	2.2	25
161	Pseudomonas sabulinigri sp. nov., isolated from black beach sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 38-41	2.2	25
160	Alishewanella jeotgali sp. nov., isolated from traditional fermented food, and emended description of the genus Alishewanella. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 2313-6	2.2	25
159	Halorubrum cibi sp. nov., an extremely halophilic archaeon from salt-fermented seafood. <i>Journal of Microbiology</i> , 2009 , 47, 162-6	3	25
158	Characterization of the depth-related changes in the microbial communities in Lake Hovsgol sediment by 16S rRNA gene-based approaches. <i>Journal of Microbiology</i> , 2008 , 46, 125-36	3	25
157	Paenibacillus oceanisediminis sp. nov. isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 428-434	2.2	24
156	Marinobacterium halophilum sp. nov., a marine bacterium isolated from the Yellow Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 77-80	2.2	24
155	Generation of subspecies level-specific microbial diagnostic microarrays using genes amplified from subtractive suppression hybridization as microarray probes. <i>Nucleic Acids Research</i> , 2005 , 33, e113	20.1	24
154	Characterization of Symbiobacterium toebii, an obligate commensal thermophile isolated from compost. <i>Extremophiles</i> , 2002 , 6, 57-64	3	24
153	Design of long oligonucleotide probes for functional gene detection in a microbial community. <i>Bioinformatics</i> , 2005 , 21, 4092-100	7.2	24
152	Nocardioides basaltis sp. nov., isolated from black beach sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 42-7	2.2	23

151	Development of microbial genome-probing microarrays using digital multiple displacement amplification of uncultivated microbial single cells. <i>Environmental Science & Technology</i> , 2008 , 42, 6058-64	10.3	23
150	The human gut archaeome: identification of diverse haloarchaea in Korean subjects. <i>Microbiome</i> , 2020 , 8, 114	16.6	23
149	<i>Shimia haliotis</i> sp. nov., a bacterium isolated from the gut of an abalone, <i>Haliotis discus hannai</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4248-4253	2.2	22
148	<i>Acidovorax soli</i> sp. nov., isolated from landfill soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2715-2718	2.2	22
147	<i>Alishewanella agri</i> sp. nov., isolated from landfill soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2199-2203	2.2	22
146	<i>Kocuria salsicia</i> sp. nov., isolated from salt-fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 286-289	2.2	22
145	<i>Halomonas jeotgali</i> sp. nov., a new moderate halophilic bacterium isolated from a traditional fermented seafood. <i>Journal of Microbiology</i> , 2010 , 48, 404-10	3	22
144	<i>Blastopirellula cremea</i> sp. nov., isolated from a dead ark clam. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2314-2319	2.2	21
143	Complete genome sequence of <i>Halalkalicoccus jeotgali</i> B3(T), an extremely halophilic archaeon. <i>Journal of Bacteriology</i> , 2010 , 192, 4528-9	3.5	21
142	<i>Alishewanella aestuarii</i> sp. nov., isolated from tidal flat sediment, and emended description of the genus <i>Alishewanella</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 421-4	2.2	21
141	<i>Clostridium hastiforme</i> is a later synonym of <i>Tissierella praeacuta</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 947-949	2.2	21
140	<i>Vagococcus martis</i> sp. nov., isolated from the small intestine of a marten, <i>Martes flavigula</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3398-3402	2.2	21
139	<i>Halorubrum halophilum</i> sp. nov., an extremely halophilic archaeon isolated from a salt-fermented seafood. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 603-12	2.1	20
138	<i>Orbus sasakiae</i> sp. nov., a bacterium isolated from the gut of the butterfly <i>Sasakia charonda</i> , and emended description of the genus <i>Orbus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 1766-1770	2.2	20
137	<i>Ruegeria conchae</i> sp. nov., isolated from the ark clam <i>Scapharca broughtonii</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 2851-2857	2.2	20
136	<i>Arthrobacter subterraneus</i> sp. nov., isolated from deep subsurface water of the South Coast of Korea. <i>Journal of Microbiology and Biotechnology</i> , 2007 , 17, 1875-9	3.3	20
135	<i>Polaribacter atrinae</i> sp. nov., isolated from the intestine of a comb pen shell, <i>Atrina pectinata</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1654-1661	2.2	19
134	<i>Cobetia crustatorum</i> sp. nov., a novel slightly halophilic bacterium isolated from traditional fermented seafood in Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 620-626	2.2	19

133	Sphingopyxis soli sp. nov., isolated from landfill soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1682-1686	2.2	19
132	The green tea modulates large intestinal microbiome and exo/endogenous metabolome altered through chronic UVB-exposure. <i>PLoS ONE</i> , 2017 , 12, e0187154	3.7	19
131	Dyella jejuensis sp. nov., isolated from soil of Hallasan Mountain in Jeju Island. <i>Journal of Microbiology</i> , 2014 , 52, 373-7	3	18
130	Actibacter haliotis sp. nov., isolated from the gut of an abalone, Haliotis discus hannai, and emended description of the genus Actibacter. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 49-55	2.2	18
129	Nitratireductor basaltis sp. nov., isolated from black beach sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 135-8	2.2	18
128	Leucobacter salsicius sp. nov., from a salt-fermented food. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 502-506	2.2	18
127	Proteus cibarius sp. nov., a swarming bacterium from Jeotgal, a traditional Korean fermented seafood, and emended description of the genus Proteus. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2158-2164	2.2	18
126	Weissella diestrammenae sp. nov., isolated from the gut of a camel cricket (Diestrammena coreana). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2951-2956	2.2	17
125	Virgibacillus alimentarius sp. nov., isolated from a traditional Korean food. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 2851-2855	2.2	17
124	Isolation of uncultivated anaerobic thermophiles from compost by supplementing cell extract of Geobacillus toebii in enrichment culture medium. <i>Extremophiles</i> , 2005 , 9, 477-85	3	17
123	Vibrio litoralis sp. nov., isolated from a Yellow Sea tidal flat in Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 562-565	2.2	17
122	Viral community predicts the geographical origin of fermented vegetable foods more precisely than bacterial community. <i>Food Microbiology</i> , 2018 , 76, 319-327	6	17
121	The effects of sequencing platforms on phylogenetic resolution in 16 S rRNA gene profiling of human feces. <i>Scientific Data</i> , 2018 , 5, 180068	8.2	16
120	Rhodopirellula rosea sp. nov., a novel bacterium isolated from an ark clam Scapharca broughtonii. <i>Journal of Microbiology</i> , 2013 , 51, 301-4	3	16
119	Haladaptatus cibarius sp. nov., an extremely halophilic archaeon from seafood, and emended description of the genus Haladaptatus. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1187-1190	2.2	16
118	Dietzia alimentaria sp. nov., isolated from a traditional Korean food. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 2254-2258	2.2	16
117	Henriciella marina gen. nov., sp. nov., a novel member of the family Hyphomonadaceae isolated from the East Sea. <i>Journal of Microbiology</i> , 2009 , 47, 156-61	3	16
116	Brevundimonas basaltis sp. nov., isolated from black sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1488-1492	2.2	16

115	Marinobacter goseongensis sp. nov., from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 2866-70	2.2	16
114	Host habitat is the major determinant of the gut microbiome of fish. <i>Microbiome</i> , 2021 , 9, 166	16.6	16
113	Ornithinibacillus scapharcae sp. nov., isolated from a dead ark clam. <i>Antonie Van Leeuwenhoek</i> , 2012 , 101, 147-54	2.1	15
112	Agromyces atrinae sp. nov., isolated from fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1056-1059	2.2	15
111	Lentibacillus jeotgali sp. nov., a halophilic bacterium isolated from traditional Korean fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1017-1022	2.2	15
110	Neptunomonas concharum sp. nov., isolated from a dead ark clam, and emended description of the genus Neptunomonas. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 2657-2661	2.2	15
109	Quantitative real time PCR assays for the enumeration of Saccharomyces cerevisiae and the Saccharomyces sensu stricto complex in human feces. <i>Journal of Microbiological Methods</i> , 2007 , 71, 191-201	2.8	15
108	Longitudinal evaluation of fecal microbiota transplantation for ameliorating calf diarrhea and improving growth performance. <i>Nature Communications</i> , 2021 , 12, 161	17.4	15
107	Sphingomonas aestuarii sp. nov., isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 1359-63	2.2	14
106	Aliihoeflea aestuarii gen. nov., sp. nov., a novel bacterium isolated from tidal flat sediment. <i>Journal of Microbiology</i> , 2008 , 46, 594-8	3	14
105	Oceanisphaera donghaensis sp. nov., a halophilic bacterium from the East Sea, Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 895-898	2.2	14
104	Comparative viral metagenomics of environmental samples from Korea. <i>Genomics and Informatics</i> , 2013 , 11, 121-8	1.9	14
103	Lactobacillus kimchiensis sp. nov., isolated from a fermented food. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 1355-1359	2.2	13
102	Kistimonas scapharcae sp. nov., isolated from a dead ark clam (Scapharca broughtonii), and emended description of the genus Kistimonas. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 2865-2869	2.2	13
101	Layered structure of granules in upflow anaerobic sludge blanket reactor gives microbial populations resistance to metal ions. <i>Biotechnology Letters</i> , 2000 , 22, 1935-1940	3	13
100	Oceanisphaera sediminis sp. nov., isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1552-1557	2.2	13
99	Community structures and genomic features of undesirable white colony-forming yeasts on fermented vegetables. <i>Journal of Microbiology</i> , 2019 , 57, 30-37	3	13
98	Paenibacillus marinisediminis sp. nov., a bacterium isolated from marine sediment. <i>Journal of Microbiology</i> , 2013 , 51, 312-7	3	12

97	Bacteroides faecis sp. nov., isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2572-2576	2.2	12
96	Shewanella basaltis sp. nov., a marine bacterium isolated from black sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1907-10	2.2	12
95	Gibbsiella papilionis sp. nov., isolated from the intestinal tract of the butterfly Mycalesis gotama, and emended description of the genus Gibbsiella. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2607-2611	2.2	11
94	Cloacibacterium haliotis sp. nov., isolated from the gut of an abalone, Haliotis discus hannai. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 72-77	2.2	11
93	Pseudoruegeria haliotis sp. nov., isolated from the gut of the abalone Haliotis discus hannai. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4626-4632	2.2	11
92	Salinicoccus carnicancri sp. nov., a halophilic bacterium isolated from a Korean fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 653-658	2.2	11
91	Bifidobacterium stercoris sp. nov., isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2823-2827	2.2	11
90	Carnobacterium jeotgali sp. nov., isolated from a Korean traditional fermented food. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 3168-71	2.2	11
89	Phenotypic characterization and genomic analysis of the Shigella sonnei bacteriophage SP18. <i>Journal of Microbiology</i> , 2010 , 48, 213-22	3	11
88	Vibrio areninigræ sp. nov., a marine bacterium isolated from black sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1903-6	2.2	11
87	The optimum substrate to biomass ratio to reduce net biomass yields and inert compounds in biological leachate treatment under pure-oxygen conditions. <i>Bioprocess and Biosystems Engineering</i> , 2000 , 23, 0235-0243	3.7	11
86	Simplicispira piscis sp. nov., isolated from the gut of a Korean rockfish, Sebastes schlegelii. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 4689-4694	2.2	11
85	Arthrobacter echini sp. nov., isolated from the gut of a purple sea urchin, Heliocidaris crassispira. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1887-1893	2.2	11
84	Blautia hominis sp. nov., isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 1059-1064	2.2	11
83	Bizonia psychrotolerans sp. nov., a psychrophilic bacterium isolated from the intestine of a sea cucumber (Apostichopus japonicus). <i>Antonie Van Leeuwenhoek</i> , 2014 , 106, 837-44	2.1	10
82	Halolamina rubra sp. nov., a haloarchaeon isolated from non-purified solar salt. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 907-14	2.1	10
81	Halobellus rufus sp. nov., an extremely halophilic archaeon isolated from non-purified solar salt. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 925-32	2.1	10
80	Gillisia marina sp. nov., from seashore sand, and emended description of the genus Gillisia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3640-3645	2.2	10

79	<i>Corynebacterium nuruki</i> sp. nov., isolated from an alcohol fermentation starter. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 2430-2434	2.2	10
78	Conditionally Pathogenic Gut Microbes Promote Larval Growth by Increasing Redox-Dependent Fat Storage in High-Sugar Diet-Fed <i>Drosophila</i> . <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 1361-1380	8.4	9
77	Phenotypic and Genomic Properties of sp. nov. and sp. nov. <i>Frontiers in Microbiology</i> , 2018 , 9, 1809	5.7	9
76	<i>Halococcus sediminicola</i> sp. nov., an extremely halophilic archaeon isolated from a marine sediment. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 73-9	2.1	9
75	<i>Actinomyces haliotis</i> sp. nov., a bacterium isolated from the gut of an abalone, <i>Haliotis discus hannai</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 456-461	2.2	9
74	Novel haloarchaeon <i>Natrinema thermophila</i> having the highest growth temperature among haloarchaea with a large genome size. <i>Scientific Reports</i> , 2018 , 8, 7777	4.9	9
73	<i>Vulcanisaeta thermophila</i> sp. nov., a hyperthermophilic and acidophilic crenarchaeon isolated from solfataric soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 201-205	2.2	8
72	<i>Ruminococcus faecis</i> sp. nov., isolated from human faeces. <i>Journal of Microbiology</i> , 2011 , 49, 487-91	3	8
71	<i>Tropicimonas sediminicola</i> sp. nov., isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 2424-2429	2.2	8
70	Draft genome sequence of <i>Weissella koreensis</i> KCTC 3621T. <i>Journal of Bacteriology</i> , 2012 , 194, 5711-2	3.5	8
69	<i>Paenibacillus apis</i> sp. nov. and <i>Paenibacillus intestini</i> sp. nov., isolated from the intestine of the honey bee <i>Apis mellifera</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1918-1924	2.2	8
68	ESRRA (estrogen related receptor alpha) is a critical regulator of intestinal homeostasis through activation of autophagic flux via gut microbiota. <i>Autophagy</i> , 2021 , 17, 2856-2875	10.2	8
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66	Genome sequence of the chromate-resistant bacterium <i>Leucobacter salsicius</i> type strain M1-8(T). <i>Standards in Genomic Sciences</i> , 2014 , 9, 495-504		7
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64	Draft genome sequence of <i>Dietzia alimentaria</i> 72T, belonging to the family Dietziaceae, isolated from a traditional Korean food. <i>Journal of Bacteriology</i> , 2011 , 193, 6791	3.5	7
63	Analysis of gut bacterial diversity and exploration of cellulose-degrading bacteria in xylophagous insects. <i>Korean Journal of Microbiology</i> , 2015 , 51, 209-220		7
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56	Genome sequence of <i>Brachybacterium squillarum</i> M-6-3(T), isolated from salt-fermented seafood. <i>Journal of Bacteriology</i> , 2011 , 193, 6416-7	3.5	6
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54	<i>Marinomonas basaltis</i> sp. nov., a marine bacterium isolated from black sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 2743-7	2.2	6
53	sp. nov., isolated from Korean shiner intestine. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 3148-3154	2.2	6
52	Genome sequence of <i>Lentibacillus jeotgali</i> Grbi(T), isolated from traditional Korean salt-fermented seafood. <i>Journal of Bacteriology</i> , 2011 , 193, 6414-5	3.5	5
51	Genome sequence of <i>Corynebacterium nuruki</i> S6-4 T, isolated from alcohol fermentation starter. <i>Journal of Bacteriology</i> , 2011 , 193, 4257	3.5	5
50	Genome sequence of strain TW15, a novel member of the genus <i>Ruegeria</i> , belonging to the marine <i>Roseobacter</i> clade. <i>Journal of Bacteriology</i> , 2011 , 193, 3401-2	3.5	5
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41	Kushneria konosiri sp. nov., isolated from the Korean salt-fermented seafood Daemi-jeot. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3576-3582	2.2	4
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