

Scot E Dowd

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

252
papers

18,830
citations

75
h-index

130
g-index

258
ext. papers

21,909
ext. citations

4.2
avg, IF

6.64
L-index

#	Paper	IF	Citations
252	Interactions of the Intracellular Bacterium with Its Host, the House Dust Mite , Based on Gene Expression Data. <i>MSystems</i> , 2021 , e0091621	7.6	0
251	Analysis of the microbial diversity in the fecal material of the critically endangered African wild dog, <i>Lycaon pictus</i> .. <i>Archives of Microbiology</i> , 2021 , 204, 42	3	
250	Isolation and characterisation of carbapenem-resistant <i>Xanthomonas citri</i> pv. <i>mangiferae</i> indicae-like strain gir from the faecal material of giraffes. <i>Antonie Van Leeuwenhoek</i> , 2020 , 113, 137-145	2.1	
249	Differential allergen expression in three <i>Tyrophagus putrescentiae</i> strains inhabited by distinct microbiome. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 2502-2507	9.3	6
248	CNCM I-745 Modulates the Fecal Bile Acids Metabolism During Antimicrobial Therapy in Healthy Volunteers. <i>Frontiers in Microbiology</i> , 2019 , 10, 336	5.7	11
247	Conventional and omics approaches shed light on Halitzia cheese, a long-forgotten white-brined cheese from Cyprus. <i>International Dairy Journal</i> , 2019 , 98, 72-83	3.5	10
246	Analysis of the Microbial Diversity in the Fecal Material of Giraffes. <i>Current Microbiology</i> , 2018 , 75, 323-327	4	
245	The effect of antibiotics on social aversion following early life inflammation. <i>Physiology and Behavior</i> , 2018 , 194, 311-318	3.5	4
244	Fungal dysbiosis predicts the diagnosis of pediatric Crohn's disease. <i>World Journal of Gastroenterology</i> , 2018 , 24, 4510-4516	5.6	10
243	Effect of dark sweet cherry powder consumption on the gut microbiota, short-chain fatty acids, and biomarkers of gut health in obese db/db mice. <i>PeerJ</i> , 2018 , 6, e4195	3.1	28
242	Transitional and temporal changes in the mucosal and submucosal intestinal microbiota in advanced Crohn's disease of the terminal ileum. <i>Journal of Medical Microbiology</i> , 2018 , 67, 549-559	3.2	6
241	Application of high-throughput pyrosequencing in the analysis of microbiota of food commodities procured from small and large retail outlets in a U.S. metropolitan area - A pilot study. <i>Food Research International</i> , 2018 , 105, 29-40	7	8
240	Microbiota profile in new-onset pediatric Crohn's disease: data from a non-Western population. <i>Gut Pathogens</i> , 2018 , 10, 49	5.4	20
239	Draft Genome Sequence of Strain Cbfe23. <i>Genome Announcements</i> , 2017 , 5,		2
238	Pyrosequencing based assessment of bacterial diversity in Turkish <i>Rhipicephalus annulatus</i> and <i>Dermacentor marginatus</i> ticks (Acari: Ixodidae). <i>Parasitology Research</i> , 2017 , 116, 1055-1061	2.4	15
237	Prenatal stress affects placental cytokines and neurotrophins, commensal microbes, and anxiety-like behavior in adult female offspring. <i>Brain, Behavior, and Immunity</i> , 2017 , 64, 50-58	16.6	106
236	Prospective randomized controlled study on the effects of <i>Saccharomyces boulardii</i> CNCM I-745 and amoxicillin-clavulanate or the combination on the gut microbiota of healthy volunteers. <i>Gut Microbes</i> , 2017 , 8, 17-32	8.8	59

235	Draft Genome Sequence of sp. Strain Cb G35. <i>Genome Announcements</i> , 2017 , 5,		6
234	Fungal Microbiota Profile in Newly Diagnosed Treatment-naïve Children with Crohn's Disease. <i>Journal of Crohns and Colitis</i> , 2017 , 11, 586-592	1.5	22
233	Assessment of bacterial diversity in Hyalomma aegyptium, H. marginatum and H. excavatum ticks through tag-encoded pyrosequencing. <i>Experimental and Applied Acarology</i> , 2017 , 73, 461-475	2.1	11
232	Comprehensive Molecular Characterization of Bacterial Communities in Feces of Pet Birds Using 16S Marker Sequencing. <i>Microbial Ecology</i> , 2017 , 73, 224-235	4.4	23
231	A study of ticks and tick-borne livestock pathogens in Pakistan. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005681	4.8	68
230	Enterococcus crotali sp. nov., isolated from faecal material of a timber rattlesnake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1984-1989	2.2	6
229	Taxonomic and predicted metabolic profiles of the human gut microbiome in pre-Columbian mummies. <i>FEMS Microbiology Ecology</i> , 2016 , 92,	4.3	17
228	Neither vaginal nor buccal administration of 800 µg misoprostol alters mucosal and systemic immune activation or the cervicovaginal microbiome: a pilot study. <i>European Journal of Contraception and Reproductive Health Care</i> , 2016 , 21, 436-442	1.8	1
227	Natural mummification of the human gut preserves bacteriophage DNA. <i>FEMS Microbiology Letters</i> , 2016 , 363, fnv219	2.9	18
226	Detecting Microbial Dysbiosis Associated with Pediatric Crohn Disease Despite the High Variability of the Gut Microbiota. <i>Cell Reports</i> , 2016 , 14, 945-955	10.6	36
225	Pglyrp-Regulated Gut Microflora Prevotella falsenii, Parabacteroides distasonis and Bacteroides eggerthii Enhance and Alistipes finegoldii Attenuates Colitis in Mice. <i>PLoS ONE</i> , 2016 , 11, e0146162	3.7	141
224	Microbial Diversity of Source and Point-of-Use Water in Rural Haiti - A Pyrosequencing-Based Metagenomic Survey. <i>PLoS ONE</i> , 2016 , 11, e0167353	3.7	18
223	The predominant site of bacterial translocation across the intestinal mucosal barrier occurs at the advancing disease margin in Crohn's disease. <i>Microbiology (United Kingdom)</i> , 2016 , 162, 1608-1619	2.9	22
222	Inherent bacterial DNA contamination of extraction and sequencing reagents may affect interpretation of microbiota in low bacterial biomass samples. <i>Gut Pathogens</i> , 2016 , 8, 24	5.4	266
221	Composition and function of the pediatric colonic mucosal microbiome in untreated patients with ulcerative colitis. <i>Gut Microbes</i> , 2016 , 7, 384-96	8.8	65
220	Prediction of G protein-coupled receptor encoding sequences from the synganglion transcriptome of the cattle tick, Rhipicephalus microplus. <i>Ticks and Tick-borne Diseases</i> , 2016 , 7, 670-677	3.6	13
219	Analysis of the microbial diversity in faecal material of the endangered blue whale, Balaenoptera musculus. <i>Antonie Van Leeuwenhoek</i> , 2016 , 109, 1063-9	2.1	12
218	Listeria monocytogenes batch culture growth response to metabolic inhibitors. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2015 , 50, 146-50	2.2	1

217	Differences in the faecal microbiome of non-diarrhoeic clinically healthy dogs and cats associated with <i>Giardia duodenalis</i> infection: impact of hookworms and coccidia. <i>International Journal for Parasitology</i> , 2015 , 45, 585-94	4.3	46
216	Draft Genome Sequence of <i>Vibrio</i> sp. Strain Vb278, an Antagonistic Bacterium Isolated from the Marine Sponge <i>Sarcotragus spinosulus</i> . <i>Genome Announcements</i> , 2015 , 3,		8
215	Inability of polymerase chain reaction, pyrosequencing, and culture of infected and uninfected site skin biopsy specimens to identify the cause of cellulitis. <i>Clinical Infectious Diseases</i> , 2015 , 61, 1679-87	11.6	29
214	Multiple Opportunistic Pathogens, but Not Pre-existing Inflammation, May Be Associated with Necrotizing Enterocolitis. <i>Digestive Diseases and Sciences</i> , 2015 , 60, 3728-34	4	15
213	Draft Genome Sequence of <i>Streptomyces</i> sp. Strain PBH53, Isolated from an Urban Environment. <i>Genome Announcements</i> , 2015 , 3,		3
212	Evaluation of feed grade sodium bisulfate impact on gastrointestinal tract microbiota ecology in broilers via a pyrosequencing platform. <i>Poultry Science</i> , 2015 , 94, 3040-7	3.9	8
211	A metagenomic assessment of the bacteria associated with <i>Lucilia sericata</i> and <i>Lucilia cuprina</i> (Diptera: Calliphoridae). <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 869-83	5.7	70
210	Evaluation of soluble corn fiber on chemical composition and nitrogen-corrected true metabolizable energy and its effects on in vitro fermentation and in vivo responses in dogs. <i>Journal of Animal Science</i> , 2015 , 93, 2191-200	0.7	7
209	Microbial Population Differentials between Mucosal and Submucosal Intestinal Tissues in Advanced Crohn's Disease of the Ileum. <i>PLoS ONE</i> , 2015 , 10, e0134382	3.7	87
208	Characterization of the Intestinal Lactobacilli Community following Galactooligosaccharides and Polydextrose Supplementation in the Neonatal Piglet. <i>PLoS ONE</i> , 2015 , 10, e0135494	3.7	13
207	Gut Microbiome of an 11th Century A.D. Pre-Columbian Andean Mummy. <i>PLoS ONE</i> , 2015 , 10, e0138135	3.7	78
206	L-arginine destabilizes oral multi-species biofilm communities developed in human saliva. <i>PLoS ONE</i> , 2015 , 10, e0121835	3.7	57
205	Xylooligosaccharide supplementation alters gut bacteria in both healthy and prediabetic adults: a pilot study. <i>Frontiers in Physiology</i> , 2015 , 6, 216	4.6	79
204	Loss of n-6 fatty acid induced pediatric obesity protects against acute murine colitis. <i>FASEB Journal</i> , 2015 , 29, 3151-9	0.9	14
203	Modulation of the faecal microbiome of healthy adult dogs by inclusion of potato fibre in the diet. <i>British Journal of Nutrition</i> , 2015 , 113, 125-33	3.6	58
202	Changes in 16s RNA Gene Microbial Community Profiling by Concentration of Prokaryotic DNA. <i>Journal of Microbiological Methods</i> , 2015 , 119, 239-42	2.8	13
201	Effect of pest management system on Empire apple leaf phyllosphere populations. <i>Scientia Horticulturae</i> , 2015 , 183, 58-65	4.1	22
200	Metagenomic analysis of the gut microbiota of the Timber Rattlesnake, <i>Crotalus horridus</i> . <i>Molecular Biology Reports</i> , 2015 , 42, 1187-95	2.8	25

199	Draft Genome Sequence of <i>Robinsoniella peoriensis</i> Strain WTD, Isolated from the Fecal Material of a Wood Turtle. <i>Genome Announcements</i> , 2015 , 3,		3
198	Composition and Diversity of the Fecal Microbiome and Inferred Fecal Metagenome Does Not Predict Subsequent Pneumonia Caused by <i>Rhodococcus equi</i> in Foals. <i>PLoS ONE</i> , 2015 , 10, e0136586	3.7	13
197	Functional divergence in gastrointestinal microbiota in physically-separated genetically identical mice. <i>Scientific Reports</i> , 2014 , 4, 5437	4.9	41
196	Xylooligosaccharide increases bifidobacteria but not lactobacilli in human gut microbiota. <i>Food and Function</i> , 2014 , 5, 436-45	6.1	134
195	Intestinal dysbiosis and bacterial enteroinvasion in a murine model of Hirschsprung's disease. <i>Journal of Pediatric Surgery</i> , 2014 , 49, 1242-51	2.6	45
194	Longitudinal shifts in bacterial diversity and fermentation pattern in the rumen of steers grazing wheat pasture. <i>Anaerobe</i> , 2014 , 30, 11-7	2.8	23
193	Isolation of <i>Lactococcus garvieae</i> strain TRF1 from the fecal material of a Timber Rattlesnake. <i>Current Microbiology</i> , 2014 , 69, 63-8	2.4	7
192	The fungal microbiome in chronic rhinosinusitis: richness, diversity, postoperative changes and patient outcomes. <i>International Forum of Allergy and Rhinology</i> , 2014 , 4, 259-65	6.3	40
191	An insight into the microbiome of the <i>Amblyomma maculatum</i> (Acari: Ixodidae). <i>Journal of Medical Entomology</i> , 2014 , 51, 119-29	2.2	90
190	The skin microbiome in healthy and allergic dogs. <i>PLoS ONE</i> , 2014 , 9, e83197	3.7	125
189	Diversity of bacterial communities of fitness center surfaces in a U.S. metropolitan area. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 12544-61	4.6	30
188	Exposure to a social stressor disrupts the community structure of the colonic mucosa-associated microbiota. <i>BMC Microbiology</i> , 2014 , 14, 189	4.5	203
187	Effects of polysaccharopeptide from <i>Trametes versicolor</i> and amoxicillin on the gut microbiome of healthy volunteers: a randomized clinical trial. <i>Gut Microbes</i> , 2014 , 5, 458-67	8.8	46
186	The structures of the colonic mucosa-associated and luminal microbial communities are distinct and differentially affected by a prolonged murine stressor. <i>Gut Microbes</i> , 2014 , 5, 748-60	8.8	66
185	The potential use of bacterial community succession in forensics as described by high throughput metagenomic sequencing. <i>International Journal of Legal Medicine</i> , 2014 , 128, 193-205	3.1	190
184	A draft de novo genome assembly for the northern bobwhite (<i>Colinus virginianus</i>) reveals evidence for a rapid decline in effective population size beginning in the Late Pleistocene. <i>PLoS ONE</i> , 2014 , 9, e90240	3.7	25
183	Comparison of PCR and conventional blood culture to analyze blood from dogs with suspected sepsis. <i>Veterinary Journal</i> , 2013 , 198, 714-6	2.5	2
182	The ovarian transcriptome of the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i> , feeding upon a bovine host infected with <i>Babesia bovis</i> . <i>Parasites and Vectors</i> , 2013 , 6, 276	4	20

181	Effects of a synbiotic on fecal quality, short-chain fatty acid concentrations, and the microbiome of healthy sled dogs. <i>BMC Veterinary Research</i> , 2013 , 9, 246	2.7	46
180	A survey of bacterial diversity from successive life stages of black soldier fly (Diptera: Stratiomyidae) by using 16S rDNA pyrosequencing. <i>Journal of Medical Entomology</i> , 2013 , 50, 647-58	2.2	82
179	Fecal microbial communities of healthy adult dogs fed raw meat-based diets with or without inulin or yeast cell wall extracts as assessed by 454 pyrosequencing. <i>FEMS Microbiology Ecology</i> , 2013 , 84, 532-43	4.3	71
178	Examination with next-generation sequencing technology of the bacterial microbiota in bronchoalveolar lavage samples after traumatic injury. <i>Surgical Infections</i> , 2013 , 14, 275-82	2	12
177	Coaggregation occurs amongst bacteria within and between biofilms in domestic showerheads. <i>Biofouling</i> , 2013 , 29, 53-68	3.3	32
176	A high-throughput microfluidic dental plaque biofilm system to visualize and quantify the effect of antimicrobials. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 2550-60	5.1	57
175	Long-term dietary supplementation of organic selenium modulates gene expression profiles in leukocytes of adult pigs. <i>Animal Science Journal</i> , 2013 , 84, 238-46	1.8	9
174	Immune and production responses of dairy cows to postruminal supplementation with phytonutrients. <i>Journal of Dairy Science</i> , 2013 , 96, 7830-43	4	46
173	Gut transcriptome of replete adult female cattle ticks, <i>Rhipicephalus (Boophilus) microplus</i> , feeding upon a <i>Babesia bovis</i> -infected bovine host. <i>Parasitology Research</i> , 2013 , 112, 3075-90	2.4	31
172	Microbial community in the soil determines the forest recovery post-exposure to gamma irradiation. <i>Environmental Science & Technology</i> , 2013 , 47, 11396-402	10.3	5
171	Assessing the Diversity and Composition of Bacterial Communities across a Wetland, Transition, Upland Gradient in Macon County Alabama. <i>Diversity</i> , 2013 , 5, 461-478	2.5	10
170	Bacteria mediate oviposition by the black soldier fly, <i>Hermetia illucens</i> (L.), (Diptera: Stratiomyidae). <i>Scientific Reports</i> , 2013 , 3, 2563	4.9	57
169	Crohn's disease may be differentiated into 2 distinct biotypes based on the detection of bacterial genomic sequences and virulence genes within submucosal tissues. <i>Journal of Clinical Gastroenterology</i> , 2013 , 47, 612-20	3	15
168	Bacterial Community Structure and Composition in Soils under Industrial Poultry Production Activities: An Observational study. <i>Air, Soil and Water Research</i> , 2013 , 6, ASWR.S12009	3.3	3
167	Characterization of the fungal microbiome (mycobiome) in fecal samples from dogs. <i>Veterinary Medicine International</i> , 2013 , 2013, 658373	1.5	38
166	Faecal microbiota in lean and obese dogs. <i>FEMS Microbiology Ecology</i> , 2013 , 84, 332-43	4.3	71
165	Linking Molecular Microbial Ecology to Geochemistry in a Coastal Hypoxic Zone. <i>Geomicrobiology Journal</i> , 2013 , 30, 160-172	2.5	16
164	Necrotizing enterocolitis and cytomegalovirus infection in a premature infant. <i>Pediatrics</i> , 2013 , 131, e318-22	3.2	25

163	The gut microbiome of kittens is affected by dietary protein:carbohydrate ratio and associated with blood metabolite and hormone concentrations. <i>British Journal of Nutrition</i> , 2013 , 109, 1637-46	3.6	71
162	Histamine-2 receptor blockers alter the fecal microbiota in premature infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013 , 56, 397-400	2.8	80
161	Insight into hypoxia tolerance in cowpea bruchid: metabolic repression and heat shock protein regulation via hypoxia-inducible factor 1. <i>PLoS ONE</i> , 2013 , 8, e57267	3.7	17
160	Prospecting environmental mycobacteria: combined molecular approaches reveal unprecedented diversity. <i>PLoS ONE</i> , 2013 , 8, e68648	3.7	29
159	Prenatal methyl-donor supplementation augments colitis in young adult mice. <i>PLoS ONE</i> , 2013 , 8, e73163	3.7	23
158	Effects of dietary cooked navy bean on the fecal microbiome of healthy companion dogs. <i>PLoS ONE</i> , 2013 , 8, e74998	3.7	25
157	A multi-platform draft de novo genome assembly and comparative analysis for the Scarlet Macaw (<i>Ara macao</i>). <i>PLoS ONE</i> , 2013 , 8, e62415	3.7	39
156	Effects of administration of live or inactivated virulent <i>Rhodococcus equi</i> and age on the fecal microbiome of neonatal foals. <i>PLoS ONE</i> , 2013 , 8, e66640	3.7	19
155	CattleTickBase: an integrated Internet-based bioinformatics resource for <i>Rhipicephalus (Boophilus) microplus</i> . <i>International Journal for Parasitology</i> , 2012 , 42, 161-9	4.3	51
154	Pyrosequencing and mid-infrared spectroscopy reveal distinct aggregate stratification of soil bacterial communities and organic matter composition. <i>Soil Biology and Biochemistry</i> , 2012 , 46, 63-72	7.5	168
153	Environment or kin: whence do bees obtain acidophilic bacteria?. <i>Molecular Ecology</i> , 2012 , 21, 1754-68	5.7	99
152	Microbiome analysis among bats describes influences of host phylogeny, life history, physiology and geography. <i>Molecular Ecology</i> , 2012 , 21, 2617-27	5.7	140
151	Intestinal aganglionosis is associated with early and sustained disruption of the colonic microbiome. <i>Neurogastroenterology and Motility</i> , 2012 , 24, 874-e400	4	55
150	Development of colonic microflora as assessed by pyrosequencing in dairy calves fed waste milk. <i>Journal of Dairy Science</i> , 2012 , 95, 4519-25	4	33
149	Impact of short-term acidification on nitrification and nitrifying bacterial community dynamics in soilless cultivation media. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 6576-82	4.8	29
148	Molecular identification and characterization of ileal and cecal fungus communities in broilers given probiotics, specific essential oil blends, and under mixed <i>Eimeria</i> infection. <i>Foodborne Pathogens and Disease</i> , 2012 , 9, 853-60	3.8	20
147	Effects of dietary fiber on the feline gastrointestinal metagenome. <i>Journal of Proteome Research</i> , 2012 , 11, 5924-33	5.6	63
146	Identification and location of symbionts associated with potato psyllid (<i>Bactericera cockerelli</i>) lifestages. <i>Environmental Entomology</i> , 2012 , 41, 98-107	2.1	25

145	Gene-centric metagenomics analysis of feline intestinal microbiome using 454 junior pyrosequencing. <i>Journal of Microbiological Methods</i> , 2012 , 88, 369-76	2.8	75
144	Abundance and short-term temporal variability of fecal microbiota in healthy dogs. <i>MicrobiologyOpen</i> , 2012 , 1, 340-7	3.4	62
143	Influence of wet distillers grains diets on beef cattle fecal bacterial community structure. <i>BMC Microbiology</i> , 2012 , 12, 25	4.5	34
142	Pyrosequencing of 16S rRNA genes in fecal samples reveals high diversity of hindgut microflora in horses and potential links to chronic laminitis. <i>BMC Veterinary Research</i> , 2012 , 8, 231	2.7	99
141	Pyrosequencing reveals the complex polymicrobial nature of invasive pyogenic infections: microbial constituents of empyema, liver abscess, and intracerebral abscess. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012 , 31, 2679-91	5.3	27
140	Transcriptome profiling of the intoxication response of <i>Tenebrio molitor</i> larvae to <i>Bacillus thuringiensis</i> Cry3Aa protoxin. <i>PLoS ONE</i> , 2012 , 7, e34624	3.7	52
139	16S rRNA gene pyrosequencing reveals bacterial dysbiosis in the duodenum of dogs with idiopathic inflammatory bowel disease. <i>PLoS ONE</i> , 2012 , 7, e39333	3.7	137
138	Pyrosequencing-based analysis of the microbiome associated with the horn fly, <i>Haematobia irritans</i> . <i>PLoS ONE</i> , 2012 , 7, e44390	3.7	28
137	Pyrosequencing reveals bacteria carried in different wind-eroded sediments. <i>Journal of Environmental Quality</i> , 2012 , 41, 744-53	3.4	23
136	Characterization of Metabolically Active Bacterial Populations in Subseafloor Nankai Trough Sediments above, within, and below the Sulfate-Methane Transition Zone. <i>Frontiers in Microbiology</i> , 2012 , 3, 113	5.7	28
135	Effect of the proton pump inhibitor omeprazole on the gastrointestinal bacterial microbiota of healthy dogs. <i>FEMS Microbiology Ecology</i> , 2012 , 80, 624-36	4.3	86
134	Comparison of culture and molecular identification of bacteria in chronic wounds. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 2535-50	6.3	133
133	Microbial dysbiosis in pediatric patients with Crohn's disease. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 3258-66	9.7	89
132	Equine stomachs harbor an abundant and diverse mucosal microbiota. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 2522-32	4.8	51
131	454 pyrosequencing reveals a shift in fecal microbiota of healthy adult men consuming polydextrose or soluble corn fiber. <i>Journal of Nutrition</i> , 2012 , 142, 1259-65	4.1	178
130	Maternal micronutrients can modify colonic mucosal microbiota maturation in murine offspring. <i>Gut Microbes</i> , 2012 , 3, 426-33	8.8	22
129	Consumption of different soymilk formulations differentially affects the gut microbiomes of overweight and obese men. <i>Gut Microbes</i> , 2012 , 3, 490-500	8.8	44
128	Wound Healing Finally Enters the Age of Molecular Diagnostic Medicine. <i>Advances in Wound Care</i> , 2012 , 1, 115-119	4.8	4

127	Contrasting patterns of niche partitioning between two anaerobic terminal oxidizers of organic matter. <i>ISME Journal</i> , 2012 , 6, 905-14	11.9	20
126	Direct sampling of cystic fibrosis lungs indicates that DNA-based analyses of upper-airway specimens can misrepresent lung microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 13769-74	11.5	200
125	The fecal microbiome in dogs with acute diarrhea and idiopathic inflammatory bowel disease. <i>PLoS ONE</i> , 2012 , 7, e51907	3.7	237
124	Rumen bacterial, archaeal, and fungal diversity of dairy cows in response to ingestion of lauric or myristic acid. <i>Journal of Animal Science</i> , 2012 , 90, 4449-57	0.7	50
123	Microbiota separation and C-reactive protein elevation in treatment-naïve pediatric granulomatous Crohn disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012 , 55, 243-50	2.8	38
122	The effect of brown midrib corn silage and dried distillers' grains with solubles on milk production, nitrogen utilization and microbial community structure in dairy cows. <i>Canadian Journal of Animal Science</i> , 2012 , 92, 365-380	0.9	24
121	Distinct soil bacterial communities revealed under a diversely managed agroecosystem. <i>PLoS ONE</i> , 2012 , 7, e40338	3.7	91
120	Inflammation drives dysbiosis and bacterial invasion in murine models of ileal Crohn's disease. <i>PLoS ONE</i> , 2012 , 7, e41594	3.7	140
119	Comparative metagenomic analysis of soil microbial communities across three hexachlorocyclohexane contamination levels. <i>PLoS ONE</i> , 2012 , 7, e46219	3.7	76
118	SMAD4 haploinsufficiency associates with augmented colonic inflammation in select humans and mice. <i>Annals of Clinical and Laboratory Science</i> , 2012 , 42, 401-8	0.9	14
117	Genomics of Probiotic-Host Interactions 2012 , 35-60		3
116	Combined treatment of <i>Pseudomonas aeruginosa</i> biofilm with lactoferrin and xylitol inhibits the ability of bacteria to respond to damage resulting from lactoferrin iron chelation. <i>International Journal of Antimicrobial Agents</i> , 2011 , 37, 316-23	14.3	25
115	The complexity of <i>Rhipicephalus (Boophilus) microplus</i> genome characterised through detailed analysis of two BAC clones. <i>BMC Research Notes</i> , 2011 , 4, 254	2.3	6
114	Tag-encoded FLX amplicon pyrosequencing for the elucidation of microbial and functional gene diversity in any environment. <i>Methods in Molecular Biology</i> , 2011 , 733, 129-41	1.4	76
113	Diversity of the human skin microbiome early in life. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 2026-32	4.3	302
112	Exposure to a social stressor alters the structure of the intestinal microbiota: implications for stressor-induced immunomodulation. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 397-407	16.6	694
111	An in vivo polymicrobial biofilm wound infection model to study interspecies interactions. <i>PLoS ONE</i> , 2011 , 6, e27317	3.7	217
110	Genome-wide polymorphism and comparative analyses in the white-tailed deer (<i>Odocoileus virginianus</i>): a model for conservation genomics. <i>PLoS ONE</i> , 2011 , 6, e15811	3.7	35

109	Endophyte microbiome diversity in micropropagated <i>Atriplex canescens</i> and <i>Atriplex torreyi</i> var <i>griffithsii</i> . <i>PLoS ONE</i> , 2011 , 6, e17693	3.7	65
108	Dogs leaving the ICU carry a very large multi-drug resistant enterococcal population with capacity for biofilm formation and horizontal gene transfer. <i>PLoS ONE</i> , 2011 , 6, e22451	3.7	41
107	Exploring the diversity of <i>Gardnerella vaginalis</i> in the genitourinary tract microbiota of monogamous couples through subtle nucleotide variation. <i>PLoS ONE</i> , 2011 , 6, e26732	3.7	147
106	The role of biofilms: are we hitting the right target?. <i>Plastic and Reconstructive Surgery</i> , 2011 , 127 Suppl 1, 28S-35S	2.7	104
105	Effect of sublethal heat stress on <i>Salmonella Typhimurium</i> virulence. <i>Journal of Applied Microbiology</i> , 2011 , 110, 813-22	4.7	58
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- 1 Amplicon pyrosequencing and ion torrent sequencing of wild duck eubacterial microbiome from fecal samples reveals numerous species linked to human and animal diseases. *F1000Research*, 2, 224 3.6 2