

# Sarah L Turner

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

2,961  
citations

471509

17  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

4997  
citing authors

#	ARTICLE	IF	CITATIONS
1	The minimum information about a genome sequence (MIGS) specification. <i>Nature Biotechnology</i> , 2008, 26, 541-547.	17.5	1,069
2	The contribution of species richness and composition to bacterial services. <i>Nature</i> , 2005, 436, 1157-1160.	27.8	793
3	The Glutamine Synthetases of Rhizobia: Phylogenetics and Evolutionary Implications. <i>Molecular Biology and Evolution</i> , 2000, 17, 309-319.	8.9	191
4	Horizontal gene transfer in the phytosphere. <i>New Phytologist</i> , 2003, 157, 525-537.	7.3	164
5	Transferable Antibiotic Resistance Elements in <i>Haemophilus influenzae</i> Share a Common Evolutionary Origin with a Diverse Family of Syntenic Genomic Islands. <i>Journal of Bacteriology</i> , 2004, 186, 8114-8122.	2.2	111
6	Quorum sensing in context: out of molecular biology and into microbial ecology. <i>Microbiology (United Kingdom)</i> , 2002, 148, 3762-3764.	1.8	99
7	Progress towards understanding the fate of plasmids in bacterial communities. <i>FEMS Microbiology Ecology</i> , 2008, 66, 3-13.	2.7	89
8	The Common Nodulation Genes of <i>Astragalus sinicus</i> Rhizobia Are Conserved despite Chromosomal Diversity. <i>Applied and Environmental Microbiology</i> , 2000, 66, 2988-2995.	3.1	57
9	Life in earth: the impact of GM plants on soil ecology?. <i>Trends in Biotechnology</i> , 2006, 24, 9-14.	9.3	52
10	Sequence-based analysis of pQBR103; a representative of a unique, transfer-proficient mega plasmid resident in the microbial community of sugar beet. <i>ISME Journal</i> , 2007, 1, 331-340.	9.8	50
11	Distribution of repC plasmid-replication sequences among plasmids and isolates of <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> from field populations. <i>Microbiology (United Kingdom)</i> , 1998, 144, 771-780.	1.8	43
12	What does a bacterial genome sequence represent? Mis-assignment of MAFF 303099 to the genospecies <i>Mesorhizobium loti</i> . <i>Microbiology (United Kingdom)</i> , 2002, 148, 3330-3331.	1.8	41
13	The replicator region of the <i>Rhizobium leguminosarum</i> cryptic plasmid pRL8JI. <i>FEMS Microbiology Letters</i> , 1995, 133, 53-58.	1.8	37
14	Restructuring an interdomain linker in the dihydrolipoamide acetyltransferase component of the pyruvate dehydrogenase complex of <i>Escherichia coli</i> . <i>Protein Engineering, Design and Selection</i> , 1993, 6, 101-108.	2.1	27
15	Enzymological and physiological consequences of restructuring the lipoyl domain content of the pyruvate dehydrogenase complex of <i>Escherichia coli</i> . <i>Microbiology (United Kingdom)</i> , 1997, 143, 457-466.	1.8	23
16	The Plasmid Genome Database. <i>Microbiology (United Kingdom)</i> , 2003, 149, 3043-3045.	1.8	18
17	Heterogeneous Selection in a Spatially Structured Environment Affects Fitness Tradeoffs of Plasmid Carriage in <i>Pseudomonads</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 3189-3197.	3.1	14
18	Identification and analysis of rhizobial plasmid origins of transfer. <i>FEMS Microbiology Ecology</i> , 2002, 42, 227-234.	2.7	11

#	ARTICLE	IF	CITATIONS
19	Determining the Effects of a Spatially Heterogeneous Selection Pressure on Bacterial Population Structure at the Sub-millimetre Scale. <i>Microbial Ecology</i> , 2010, 60, 873-884.	2.8	11
20	Two dnaB genes are associated with the origin of replication of pQBR55, an exogenously isolated plasmid from the rhizosphere of sugar beet. <i>FEMS Microbiology Ecology</i> , 2002, 42, 209-215.	2.7	8
21	An aphid-borne bacterium allied to the secondary symbionts of whitefly. <i>FEMS Microbiology Ecology</i> , 2001, 36, 43-50.	2.7	7