Laura Bowater

List of Publications by Year in Descending Order

20 papers	492 citations	10 h-index	21 g-index
21 ext. papers	554 ext. citations	4.2 avg, IF	3.13 L-index

#	Paper	IF	Citations
20	The COVID University Challenge: A Hazard Analysis of Critical Control Points Assessment of the Return of Students to Higher Education Establishments. *Risk Analysis*, **2021**,	3.9	1
19	Raising awareness of antimicrobial resistance among the general public in the UK: the role of public engagement activities. *JAC-Antimicrobial Resistance*, **2020**, 2, dlaa012	2.9	7
18	Just Google It? Pupils Perceptions and Experience of Research in the Secondary Classroom. *British Journal of Educational Studies*, **2017**, 65, 281-305	0.9	3
17	Antimicrobial stewardship: the role of scientists?. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 1925-7	5.1	5
16	Promoting microbiology education through the iGEM synthetic biology competition. *FEMS Microbiology Letters*, **2015**, 362,	2.9	27
15	Inspiring STEM undergraduates to tackle the AMR crisis. *FEMS Microbiology Letters*, **2015**, 362, fnv138	2.9	4
14	Antimicrobial stewardship: the role of scientists?--author's response. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 2924	5.1	3
13	The representation of research in the national curriculum and secondary school pupils' perceptions of research, its function, usefulness and value to their lives. *F1000Research*, **2015**, 4, 1442	3.6	4
12	Twelve tips to teaching (legal and ethical aspects of) research ethics/responsible conduct of research. *Medical Teacher*, **2012**, 34, 108-15	3	5
11	Development and Evaluation of an Undergraduate Science Communication Module. *Bioscience Education*, **2011**, 17, 1-16		6
10	pH-dependent structures of the manganese binding sites in oxalate decarboxylase as revealed by high-field electron paramagnetic resonance. *Journal of Physical Chemistry B*, **2009**, 113, 9016-25	3.4	31
9	Detection of transglucosidase-catalyzed polysaccharide synthesis on a surface in real time using surface plasmon resonance spectroscopy. *Journal of the American Chemical Society*, **2008**, 130, 15234-5	16.4	16
8	Oxalate decarboxylase and oxalate oxidase activities can be interchanged with a specificity switch of up to 282,000 by mutating an active site lid. *Biochemistry*, **2007**, 46, 12327-36	3.2	41
7	The identity of the active site of oxalate decarboxylase and the importance of the stability of active-site lid conformations. *Biochemical Journal*, **2007**, 407, 397-406	3.8	30
6	Cloning and sequencing of two Ceriporiopsis subvermispora bicupin oxalate oxidase allelic isoforms: implications for the reaction specificity of oxalate oxidases and decarboxylases. *Applied and Environmental Microbiology*, **2005**, 71, 3608-16	4.8	45
5	Characterization of a temperature-sensitive DNA ligase from Escherichia coli. *Microbiology (United Kingdom)*, **2004**, 150, 4171-80	2.9	21
4	A closed conformation of Bacillus subtilis oxalate decarboxylase OxdC provides evidence for the true identity of the active site. *Journal of Biological Chemistry*, **2004**, 279, 19867-74	5.4	71

List of Publications

3	SAD at home: solving the structure of oxalate decarboxylase with the anomalous signal from manganese using X-ray data collected on a home source. *Acta Crystallographica Section D: Biological Crystallography*, **2004**, 60, 2403-6		5
2	Bacillus subtilis YxaG is a novel Fe-containing quercetin 2,3-dioxygenase. *FEBS Letters*, **2004**, 557, 45-8	3.8	59
1	Oxalate decarboxylase requires manganese and dioxygen for activity. Overexpression and characterization of Bacillus subtilis YvrK and YoaN. *Journal of Biological Chemistry*, **2001**, 276, 43627-34	5.4	108