

# Andrew Willetts

## List of Publications by Year in descending order

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15  
papers

313  
citations

933410

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15  
docs citations

15  
times ranked

275  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Characterised Flavin-Dependent Two-Component Monooxygenases from the CAM Plasmid of <i>Pseudomonas putida</i> ATCC 17453 (NCIMB 10007): ketolactonases by Another Name. <i>Microorganisms</i> , 2019, 7, 1.   | 3.6 | 72        |
| 2  | Camphor-grown <i>Pseudomonas putida</i> , a multifunctional biocatalyst for undertaking Baeyer-Villiger monooxygenase-dependent biotransformations. <i>Biotechnology Letters</i> , 1993, 15, 913-918.   | 2.2 | 45        |
| 3  | Oxidative biotransformations by microorganisms: production of chiral synthons by cyclopentanone monooxygenase from <i>Pseudomonas</i> sp. NCIMB 9872. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 1996, 1, 127-134.  | 1.8 | 45        |
| 4  | Biotransformation of organic sulfides. Predictive active site models for sulfoxidation catalysed by 2,5-diketocamphane 1,2-monooxygenase and 3,6-diketocamphane 1,6-monooxygenase, enantiocomplementary enzymes from <i>Pseudomonas putida</i> NCIMB 10007. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1899-1916. | 1.8 | 26        |
| 5  | Enantioselective oxidations by the diketocamphane monooxygenase isozymes from <i>Pseudomonas putida</i> . <i>Biotechnology Letters</i> , 1996, 18, 571-576.   | 2.2 | 25        |
| 6  | Regiospecific biotransformation of substituted norbornanones by microorganisms. <i>Biotechnology Letters</i> , 1990, 12, 197-200.   | 2.2 | 22        |
| 7  | Oxidations by microbial NADH plus FMN-dependent luciferases from <i>Photobacterium phosphoreum</i> and <i>Vibrio fischeri</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 1997, 2, 193-197.  | 1.8 | 20        |
| 8  | Functional assembly of camphor converting two-component Baeyer-Villiger monooxygenases with a flavin reductase from <i>E. coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3975-3986.   | 3.6 | 13        |
| 9  | Flavin-Dependent Redox Transfers by the Two-Component Diketocamphane Monooxygenases of Camphor-Grown <i>Pseudomonas putida</i> NCIMB 10007. <i>Microorganisms</i> , 2016, 4, 38.  | 3.6 | 11        |
| 10 | Isolation and initial characterization of a novel type of Baeyer-Villiger monooxygenase activity from a marine microorganism. <i>Microbial Biotechnology</i> , 2012, 5, 549-559.  | 4.2 | 10        |
| 11 | Multiple native flavin reductases in camphor-metabolizing <i>Pseudomonas putida</i> NCIMB 10007: functional interaction with two-component diketocamphane monooxygenase isoenzymes. <i>Microbiology (United Kingdom)</i> , 2014, 160, 1783-1794.  | 1.8 | 8         |
| 12 | Conferring the Metabolic Self-Sufficiency of the CAM Plasmid of <i>Pseudomonas putida</i> ATCC 17453: The Key Role of Putidaredoxin Reductase. <i>Microorganisms</i> , 2019, 7, 395.  | 3.6 | 6         |
| 13 | Reply to the Comment by Littlechild and Isupov. <i>Microorganisms</i> , 2017, 5, 55.  | 3.6 | 4         |
| 14 | Regulation of Camphor Metabolism: Induction and Repression of Relevant Monooxygenases in <i>Pseudomonas putida</i> NCIMB 10007. <i>Microorganisms</i> , 2018, 6, 41.  | 3.6 | 4         |
| 15 | The Isoenzymic Diketocamphane Monooxygenases of <i>Pseudomonas putida</i> ATCC 17453: An Episodic History and Still Mysterious after 60 Years. <i>Microorganisms</i> , 2021, 9, 2593.   | 3.6 | 2         |