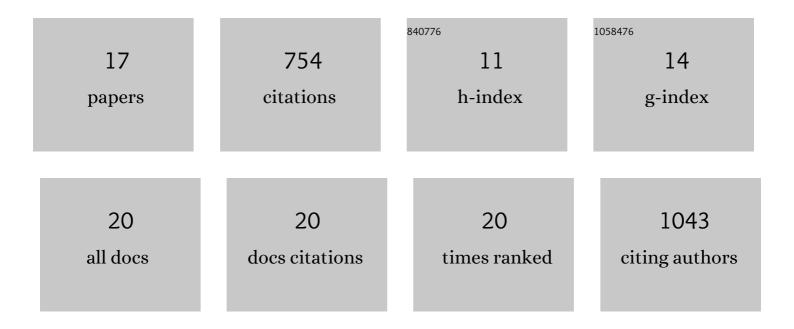
## **Sharon Rossiter**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Disruption of methylarginine metabolism impairs vascular homeostasis. Nature Medicine, 2007, 13, 198-203.	30.7	370
2	Synthesis and anthelmintic properties of arylquinolines with activity against drug-resistant nematodes. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4806-4808.	2.2	83
3	Selective Substrate-Based Inhibitors of Mammalian Dimethylarginine Dimethylaminohydrolase. Journal of Medicinal Chemistry, 2005, 48, 4670-4678.	6.4	52
4	A convenient synthesis of 3-methyleneoxindoles: cytotoxic metabolites of indole-3-acetic acids. Tetrahedron Letters, 2002, 43, 4671-4673.	1.4	42
5	Halogenated indole-3-acetic acids as oxidatively activated prodrugs with potential for targeted cancer therapy. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 2523-2526.	2.2	41
6	Demethylation of 2,4-dimethoxyquinolines: the synthesis of atanine. Organic and Biomolecular Chemistry, 2003, 1, 4380.	2.8	34
7	Discovery of inhibitors of the pentein superfamily protein dimethylarginine dimethylaminohydrolase (DDAH), by virtual screening and hit analysis. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3953-3956.	2.2	27
8	Inhibition of dimethylarginine dimethylaminohydrolase (DDAH) and arginine deiminase (ADI) by pentafluorophenyl (PFP) sulfonates. Chemical Communications, 2005, , 5563.	4.1	22
9	Copper (II)-Mediated Arylation with Aryl Boronic Acids for the N-Derivatization of Pyrazole Libraries. ACS Combinatorial Science, 2004, 6, 385-390.	3.3	19
10	Discovery of novel small molecule inhibitors of S100P with inÂvitro anti-metastatic effects on pancreatic cancer cells. European Journal of Medicinal Chemistry, 2020, 203, 112621.	5.5	18
11	A cellulose-based bioassay for the colorimetric detection of pathogen DNA. Analytical and Bioanalytical Chemistry, 2014, 406, 7887-7898.	3.7	14
12	Reactivity toward Thiols and Cytotoxicity of 3-Methylene-2-oxindoles, Cytotoxins from Indole-3-acetic Acids, on Activation by Peroxidases. Chemical Research in Toxicology, 2002, 15, 877-882.	3.3	12
13	In Silico Structural Evaluation of Short Cationic Antimicrobial Peptides. Pharmaceutics, 2018, 10, 72.	4.5	10
14	Synthesis and in Silico Modelling of the Potential Dual Mechanistic Activity of Small Cationic Peptides Potentiating the Antibiotic Novobiocin against Susceptible and Multi-Drug Resistant Escherichia coli. International Journal of Molecular Sciences, 2020, 21, 9134.	4.1	8
15	Bicyclic 6-6 Systems: Pteridines. , 2022, , 796-855.		2
16	Halogenated Indole-3-Acetic Acids as Oxidatively Activated Prodrugs with Potential for Targeted Cancer Therapy ChemInform, 2003, 34, no.	0.0	0
17	Copper (II)-Mediated Arylation with Aryl Boronic Acids for the N-Derivatization of Pyrazole Libraries ChemInform, 2004, 35, no.	0.0	0