

# Sharon Rossiter

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

754  
citations

840776

11  
h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1043  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption of methylarginine metabolism impairs vascular homeostasis. <i>Nature Medicine</i> , 2007, 13, 198-203.	30.7	370
2	Synthesis and anthelmintic properties of arylquinolines with activity against drug-resistant nematodes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4806-4808.	2.2	83
3	Selective Substrate-Based Inhibitors of Mammalian Dimethylarginine Dimethylaminohydrolase. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 4670-4678.	6.4	52
4	A convenient synthesis of 3-methyleneoxindoles: cytotoxic metabolites of indole-3-acetic acids. <i>Tetrahedron Letters</i> , 2002, 43, 4671-4673.	1.4	42
5	Halogenated indole-3-acetic acids as oxidatively activated prodrugs with potential for targeted cancer therapy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 2523-2526.	2.2	41
6	Demethylation of 2,4-dimethoxyquinolines: the synthesis of atanine. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 4380.	2.8	34
7	Discovery of inhibitors of the ptein superfamily protein dimethylarginine dimethylaminohydrolase (DDAH), by virtual screening and hit analysis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 3953-3956.	2.2	27
8	Inhibition of dimethylarginine dimethylaminohydrolase (DDAH) and arginine deiminase (ADI) by pentafluorophenyl (PFP) sulfonates. <i>Chemical Communications</i> , 2005, , 5563.	4.1	22
9	Copper (II)-Mediated Arylation with Aryl Boronic Acids for the N-Derivatization of Pyrazole Libraries. <i>ACS Combinatorial Science</i> , 2004, 6, 385-390.	3.3	19
10	Discovery of novel small molecule inhibitors of S100P with in vitro anti-metastatic effects on pancreatic cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112621.	5.5	18
11	A cellulose-based bioassay for the colorimetric detection of pathogen DNA. <i>Analytical and Bioanalytical Chemistry</i> , 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. <i>Chemical Research in Toxicology</i> , 2002, 15, 877-882.	3.3	12
13	In Silico Structural Evaluation of Short Cationic Antimicrobial Peptides. <i>Pharmaceutics</i> , 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 <i>Escherichia coli</i> . <i>International Journal of Molecular Sciences</i> , 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.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
17	Copper (II)-Mediated Arylation with Aryl Boronic Acids for the N-Derivatization of Pyrazole Libraries.. <i>ChemInform</i> , 2004, 35, no.	0.0	0