

# Amanda Louise Rousseau

## List of Publications by Year in descending order

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34  
papers

887  
citations

623188

14  
h-index

454577

30  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modern methods for the synthesis of substituted naphthalenes. <i>Tetrahedron</i> , 2003, 59, 7-36.	1.0	221
2	Multicomponent synthesis of imidazo[1,2-a]pyridines using catalytic zinc chloride. <i>Tetrahedron Letters</i> , 2007, 48, 4079-4082.	0.7	129
3	6-Substituted imidazo[1,2-a]pyridines: Synthesis and biological activity against colon cancer cell lines HT-29 and Caco-2. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4573-4583.	2.6	85
4	A novel method for the synthesis of substituted naphthalenes and phenanthrenes. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 787-797.	1.3	57
5	Synthesis, Reactions and Uses of Isocyanides in Organic Synthesis. An Update. <i>Organic Preparations and Procedures International</i> , 2016, 48, 89-221.	0.6	49
6	A novel synthesis of substituted naphthalenes. <i>Tetrahedron Letters</i> , 1997, 38, 893-896.	0.7	38
7	A versatile and convenient method for the synthesis of substituted benzo[a]carbazoles and pyrido[2,3-a]carbazoles. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 1705-1713.	1.3	33
8	Metformin induces an intracellular reductive state that protects oesophageal squamous cell carcinoma cells against cisplatin but not copper-bis(thiosemicarbazones). <i>BMC Cancer</i> , 2014, 14, 314.	1.1	25
9	Expedient synthesis and biological evaluation of novel 2,N6-disubstituted 1,2-dihydro-1,3,5-triazine-4,6-diamines as potential antimalarials. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2022-2030.	2.6	24
10	Biocatalytic enantiomeric resolution of l-menthol from an eight isomeric menthol mixture through transesterification. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 75, 1-10.	1.8	23
11	A novel method for the synthesis of phenanthrenes and benzo[a]carbazoles. <i>Tetrahedron Letters</i> , 1998, 39, 8725-8728.	0.7	20
12	Disulfiram/copper $\mu$ disulfiram Damages Multiple Protein Degradation and Turnover Pathways and Cytotoxicity is Enhanced by Metformin in Oesophageal Squamous Cell Carcinoma Cell Lines. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2334-2343.	1.2	20
13	Effect of substituent structure on pyrimidine electrophilic substitution. <i>Tetrahedron</i> , 2007, 63, 5394-5405.	1.0	18
14	Scale-Up of a Chemo-Biocatalytic Route to (2 <i>R</i> ,4 <i>R</i> )- and (2 <i>S</i> ,4 <i>S</i> )-Monatin. <i>Organic Process Research and Development</i> , 2011, 15, 249-257.	1.3	16
15	Reactions of ferric porphyrins and thiols. The reaction of the haem octapeptide, N-acetylmicroperoxidase-8, with cysteine. <i>Inorganica Chimica Acta</i> , 1996, 248, 115-119.	1.2	14
16	Carbamate substituted 2-amino-4,6-diphenylpyrimidines as adenosine receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 734-738.	1.0	12
17	Design, synthesis and biological evaluation of 6-aryl-1,6-dihydro-1,3,5-triazine-2,4-diamines as antiplasmodial antifolates. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7899-7911.	1.5	11
18	The synthesis of the pyranonaphthoquinones dehydroherbarin and anhydrofusarubin using Wacker oxidation methodology as a key step and other unexpected oxidation reactions with ceric ammonium nitrate and salcomine. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7809.	1.5	10

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19	Novel methodology for the synthesis of the benz[a]anthracene skeleton of the angucyclines using a Suzuki-Miyaura/isomerization/ring closing metathesis strategy. <i>Tetrahedron</i> , 2018, 74, 12-18.	1.0	10
20	Preparation and antiplasmodial activity of 3',4'-dihydro-1'-H-spiro(indoline-3,2'-quinolin)-2-ones. <i>Chemical Biology and Drug Design</i> , 2019, 94, 1849-1858.	1.5	9
21	Biosynthesis, synthetic studies, and biological activities of the jadomycin alkaloids and related analogues. <i>The Alkaloids Chemistry and Biology</i> , 2020, 84, 125-199.	0.8	9
22	Reactions of [2-(2-Naphthyl)phenyl]acetylenes and 2-(2-Naphthyl)benzaldehyde <i>O</i>-Phenyloximes: Synthesis of the Angucycline Tetrangulol and 1,10,12-Trimethoxy-8-methylbenzo[ <i>c&lt;/i&gt;&lt;/i&gt;]phenanthridine. <i>European Journal of Organic Chemistry</i>, 2017, 2017, 1479-1488.</i>	1.2	8
23	Novel branched isocyanides as useful building blocks in the Passerini-amine deprotection-acyl migration (PADAM) synthesis of potential HIV-1 protease inhibitors. <i>Tetrahedron Letters</i> , 2012, 53, 3225-3229.	0.7	7
24	PADAM reactions of $\hat{L}$ -aminoaldehydes: Identity of major and minor diastereomers from the Passerini reaction. <i>Tetrahedron</i> , 2018, 74, 2925-2941.	1.0	6
25	A new indole alkaloid and other constituents from <i>Monodora minor</i> and <i>Uvaria tanzaniae</i> : their antitrypanosomal and antiplasmodial evaluation. <i>Natural Product Research</i> , 2021, 35, 3470-3477.	1.0	6
26	Efficient one-pot synthesis of functionalised imidazo[1,2- <i>a&lt;/i&gt;&lt;/i&gt;]pyridines and unexpected synthesis of novel tetracyclic derivatives by nucleophilic aromatic substitution. <i>RSC Advances</i>, 2020, 10, 8104-8114.</i>	1.7	6
27	Wacker oxidation methodology for the synthesis of the benzo-fused acetal core of marticin. <i>Tetrahedron</i> , 2012, 68, 7116-7121.	1.0	5
28	Novel methodology for the synthesis of the benzo[ <i>b&lt;/i&gt;]phenanthridine and 6H-dibenzo[<i>c,h&lt;/i&gt;]chromen-6-one skeletons. Reactions of 2-naphthylbenzylamines and 2-naphthylbenzyl alcohols. <i>Tetrahedron</i>, 2016, 72, 8417-8427.</i></i>	1.0	4
29	Palladium-catalysed cross-coupling as a key step in the synthesis of pyridyl-benzamides, -benzylamines and -sulfonamides. <i>Tetrahedron</i> , 2017, 73, 137-147.	1.0	4
30	Probing the nature of the Co(III) ion in corrins: The reactions of aquacyano-5-seco-cobyric acid heptamethyl ester with anionic ligands. <i>Inorganica Chimica Acta</i> , 2019, 484, 402-413.	1.2	2
31	Pyrimidine-2,4-diamines as antiplasmodial antifolates. <i>Arkivoc</i> , 2021, 2020, 1-16.	0.3	2
32	A green, economical synthesis of $\hat{I}^2$ -ketonitriles and trifunctionalized building blocks from esters and lactones. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2930-2935.	1.3	1
33	Modern Methods for the Synthesis of Substituted Naphthalenes. <i>ChemInform</i> , 2003, 34, no.	0.1	0
34	Total synthesis of <i>ent&lt;/i&gt;-pavettamine. <i>Beilstein Journal of Organic Chemistry</i>, 2021, 17, 1440-1446.</i>	1.3	0