Romain A Duval

List of Publications by Year
in descending order

23 papers	542 citations	686830 13 h-index	642321 23 g-index
29 all docs	29 docs citations	29 times ranked	844 citing authors

#	Article	IF	Citations
1	Targeting chalcone binding sites in living Leishmania using a reversible fluorogenic benzochalcone probe. Biomedicine and Pharmacotherapy, 2022, 149, 112784.	2.5	2
2	Plasmodium falciparum sexual parasites regulate infected erythrocyte permeability. Communications Biology, 2020, 3, 726.	2.0	18
3	A Photoalkylative Fluorogenic Probe of Guttiferone A for Live Cell Imaging and Proteome Labeling in Plasmodium falciparum. Molecules, 2020, 25, 5139.	1.7	6
4	Artemisinin and its derivatives target mitochondrial c-type cytochromes in yeast and human cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118661.	1.9	12
5	A Chemically Stable Fluorescent Mimic of Dihydroartemisinin, Artemether, and Arteether with Conserved Bioactivity and Specificity Shows High Pharmacological Relevance to the Antimalarial Drugs. ACS Infectious Diseases, 2020, 6, 1532-1547.	1.8	10
6	Artemisinin Bioactivity and Resistance in Malaria Parasites. Trends in Parasitology, 2019, 35, 953-963.	1.5	80
7	Ultraspecific live imaging of the dynamics of zebrafish neutrophil granules by a histopermeable fluorogenic benzochalcone probe. Chemical Science, 2019, 10, 3654-3670.	3.7	10
8	Fluorescent natural products as probes and tracers in biology. Natural Product Reports, 2017, 34, 161-193.	5.2	80
9	Synthesis of 6-Amino-5-cyano-1,4-disubstituted-2(1H)-Pyrimidinones via Copper-(I)-catalyzed Alkyne-azide â€˜Click Chemistryâ€™ and Their Reactivity. Molecules, 2010, 15, 8841-8855.	1.7	4
10	Fischer indole synthesis in water: simple, efficient preparation of naltrindole, naltriben and analogs. Green Chemistry, 2010, 12, 304.	4.6	12
11	Rapid Discovery of Triazolobenzylidene-Thiazolopyrimidines (TBTP) as CDC25 Phosphatase Inhibitors by Parallel Click Chemistry and in Situ Screening. ACS Combinatorial Science, 2009, 11, 947-950.	3.3	56
12	Localization of Cocaine Analog [125I]RTI 82 Irreversible Binding to Transmembrane Domain 6 of the Dopamine Transporter. Journal of Biological Chemistry, 2007, 282, 8915-8925.	1.6	24
13	Indium-Labeled Macrocyclic Conjugates of Naltrindole:Â High-Affinity Radioligands for In Vivo Studies of Peripheral Î´ Opioid Receptors. Journal of Medicinal Chemistry, 2007, 50, 2144-2156.	2.9	21
14	Heterocyclic Analogues of Squamocin as Inhibitors of Mitochondrial Complex I. On the Role of the Terminal Lactone of Annonaceous Acetogenins. Biochemistry, 2006, 45, 2721-2728.	1.2	34
15	Analogues of cytotoxic squamocin using reliable reactions: new insights into the reactivity and role of the Î±,Î²-unsaturated lactone of the annonaceous acetogenins. Tetrahedron, 2006, 62, 6248-6257.	1.0	16
16	Semisynthesis and Screening of a Small Library of Pro-Apoptotic Squamocin Analogues: Selection and Study of a Benzoquinone Hybrid with an Improved Biological Profile.. ChemMedChem, 2006, 1, 118-129.	1.6	17
17	Semisynthesis and biological activity of aminoacyl triesters of squamocin, an annonaceous acetogenin. Bioorganic and Medicinal Chemistry, 2005, 13, 3773-3781.	1.4	15
18	Radioiodinated Azide and Isothiocyanate Derivatives of Cocaine for Irreversible Labeling of Dopamine Transporters:Â Synthesis and Covalent Binding Studies. Bioconjugate Chemistry, 2005, 16, 644-649.	1.8	16

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19	Remarkable substituent effect: Î²-aminosquamocin, a potent dual inhibitor of mitochondrial complexes I and III. Biochimica Et Biophysica Acta - Bioenergetics, 2005, 1709, 191-194.	0.5	11
20	Chamuvarinin, an Acetogenin Bearing a Tetrahydropyran Ring from the Roots ofUvaria chamae1. Journal of Natural Products, 2004, 67, 1041-1043.	1.5	38
21	Semisynthesis of heterocyclic analogues of squamocin, a cytotoxic annonaceous acetogenin, by an unusual oxidative decarboxylation reaction. Bioorganic and Medicinal Chemistry, 2003, 11, 3439-3446.	1.4	22
22	Cancer Chemotherapy: A Paclitaxel Prodrug for ADEPT (Antibody-Directed Enzyme Prodrug Therapy). European Journal of Organic Chemistry, 2001, 2001, 2129-2134.	1.2	24
23	Preparation and Synthetic Utility of 2-Methylselenomethyl Allyl Methyl Selenide. A Valuable Precursor to 2-Silylmethylallyllithiums. Synlett, 1998, 1998, 1219-1222.	1.0	6