

Romain A Duval

List of Publications by Year in descending order

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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	Fluorescent natural products as probes and tracers in biology. <i>Natural Product Reports</i> , 2017, 34, 161-193.	5.2	80
2	Artemisinin Bioactivity and Resistance in Malaria Parasites. <i>Trends in Parasitology</i> , 2019, 35, 953-963.	1.5	80
3	Rapid Discovery of Triazolobenzylidene-Thiazolopyrimidines (TBTP) as CDC25 Phosphatase Inhibitors by Parallel Click Chemistry and in Situ Screening. <i>ACS Combinatorial Science</i> , 2009, 11, 947-950.	3.3	56
4	Chamuvarinin, an Acetogenin Bearing a Tetrahydropyran Ring from the Roots of <i>Uvaria chamae</i> L. <i>Journal of Natural Products</i> , 2004, 67, 1041-1043.	1.5	38
5	Heterocyclic Analogues of Squamocin as Inhibitors of Mitochondrial Complex I. On the Role of the Terminal Lactone of Annonaceous Acetogenins. <i>Biochemistry</i> , 2006, 45, 2721-2728.	1.2	34
6	Cancer Chemotherapy: A Paclitaxel Prodrug for ADEPT (Antibody-Directed Enzyme Prodrug Therapy). <i>European Journal of Organic Chemistry</i> , 2001, 2001, 2129-2134.	1.2	24
7	Localization of Cocaine Analog [¹²⁵ I]RTI 82 Irreversible Binding to Transmembrane Domain 6 of the Dopamine Transporter. <i>Journal of Biological Chemistry</i> , 2007, 282, 8915-8925.	1.6	24
8	Semisynthesis of heterocyclic analogues of squamocin, a cytotoxic annonaceous acetogenin, by an unusual oxidative decarboxylation reaction. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 3439-3446.	1.4	22
9	Indium-Labeled Macrocyclic Conjugates of Naltrindole: High-Affinity Radioligands for In Vivo Studies of Peripheral μ Opioid Receptors. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2144-2156.	2.9	21
10	<i>Plasmodium falciparum</i> sexual parasites regulate infected erythrocyte permeability. <i>Communications Biology</i> , 2020, 3, 726.	2.0	18
11	Semisynthesis and Screening of a Small Library of Pro-Apoptotic Squamocin Analogues: Selection and Study of a Benzoquinone Hybrid with an Improved Biological Profile.. <i>ChemMedChem</i> , 2006, 1, 118-129.	1.6	17
12	Radioiodinated Azide and Isothiocyanate Derivatives of Cocaine for Irreversible Labeling of Dopamine Transporters: Synthesis and Covalent Binding Studies. <i>Bioconjugate Chemistry</i> , 2005, 16, 644-649.	1.8	16
13	Analogues of cytotoxic squamocin using reliable reactions: new insights into the reactivity and role of the β , γ -unsaturated lactone of the annonaceous acetogenins. <i>Tetrahedron</i> , 2006, 62, 6248-6257.	1.0	16
14	Semisynthesis and biological activity of aminoacyl triesters of squamocin, an annonaceous acetogenin. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 3773-3781.	1.4	15
15	Fischer indole synthesis in water: simple, efficient preparation of naltrindole, naltriben and analogs. <i>Green Chemistry</i> , 2010, 12, 304.	4.6	12
16	Artemisinin and its derivatives target mitochondrial c-type cytochromes in yeast and human cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118661.	1.9	12
17	Remarkable substituent effect: β -aminosquamocin, a potent dual inhibitor of mitochondrial complexes I and III. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2005, 1709, 191-194.	0.5	11
18	Ultraspecific live imaging of the dynamics of zebrafish neutrophil granules by a histopermeable fluorogenic benzochalcone probe. <i>Chemical Science</i> , 2019, 10, 3654-3670.	3.7	10

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19	A Chemically Stable Fluorescent Mimic of Dihydroartemisinin, Artemether, and Arteether with Conserved Bioactivity and Specificity Shows High Pharmacological Relevance to the Antimalarial Drugs. <i>ACS Infectious Diseases</i> , 2020, 6, 1532-1547.	1.8	10
20	Preparation and Synthetic Utility of 2-Methylselenomethyl Allyl Methyl Selenide. A Valuable Precursor to 2-Silylmethylallyllithiums. <i>Synlett</i> , 1998, 1998, 1219-1222.	1.0	6
21	A Photoalkylative Fluorogenic Probe of Guttiferone A for Live Cell Imaging and Proteome Labeling in <i>Plasmodium falciparum</i> . <i>Molecules</i> , 2020, 25, 5139.	1.7	6
22	Synthesis of 6-Amino-5-cyano-1,4-disubstituted-2(1H)-Pyrimidinones via Copper-(I)-catalyzed Alkyne-azide "Click Chemistry" and Their Reactivity. <i>Molecules</i> , 2010, 15, 8841-8855.	1.7	4
23	Targeting chalcone binding sites in living <i>Leishmania</i> using a reversible fluorogenic benzochalcone probe. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112784.	2.5	2