

# Sylvain Henri Darnet

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,051  
citations

430874

18  
h-index

434195

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1622  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutritional composition, fatty acid and tocopherol contents of buriti ( <i>Mauritia flexuosa</i> ) and patawa ( <i>Oenocarpus bataua</i> ) fruit pulp from the amazon region. <i>Food Science and Technology</i> , 2011, 31, 488-491.	1.7	110
2	Plant sterol biosynthesis: identification of two distinct families of sterol 4 $\alpha$ -methyl oxidases. <i>Biochemical Journal</i> , 2004, 378, 889-898.	3.7	93
3	Fatty acid profiles and tocopherol contents of buriti ( <i>Mauritia flexuosa</i> ), patawa ( <i>Oenocarpus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 fruits. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 2000-2004.	0.6	83
4	Alternative sources of oils and fats from Amazonian plants: Fatty acids, methyl tococls, total carotenoids and chemical composition. <i>Food Research International</i> , 2019, 116, 12-19.	6.2	82
5	Determination of the microbial community in Amazonian cocoa bean fermentation by Illumina-based metagenomic sequencing. <i>LWT - Food Science and Technology</i> , 2019, 106, 229-239.	5.2	77
6	Ultra-Deep Sequencing Reveals the microRNA Expression Pattern of the Human Stomach. <i>PLoS ONE</i> , 2010, 5, e13205.	2.5	67
7	Pasticcino2 is a protein tyrosine phosphatase-like involved in cell proliferation and differentiation in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2002, 32, 713-722.	5.7	62
8	High-throughput sequencing of black pepper root transcriptome. <i>BMC Plant Biology</i> , 2012, 12, 168.	3.6	55
9	Tetrapod limb and sarcopterygian fin regeneration share a core genetic programme. <i>Nature Communications</i> , 2016, 7, 13364.	12.8	52
10	Deep evolutionary origin of limb and fin regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15106-15115.	7.1	46
11	Molecular and Enzymatic Characterizations of Novel Bifunctional 3 $\beta$ -Hydroxysteroid Dehydrogenases/C-4 Decarboxylases from <i>Arabidopsis thaliana</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 27264-27277.	3.4	41
12	The non-visual opsins: eighteen in the ancestor of vertebrates, astonishing increase in ray-finned fish, and loss in amniotes. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2017, 328, 685-696.	1.3	30
13	Functional identification of sterol-4 $\beta$ -methyl oxidase cDNAs from <i>Arabidopsis thaliana</i> by complementation of a yeast <i>erg25</i> mutant lacking sterol-4 $\beta$ -methyl oxidation. <i>FEBS Letters</i> , 2001, 508, 39-43.	2.8	29
14	Metabolism and Biological Activities of 4-Methyl-Sterols. <i>Molecules</i> , 2019, 24, 451.	3.8	29
15	Enzymological properties of sterol-C4-methyl-oxidase of yeast sterol biosynthesis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2003, 1633, 106-117.	2.4	27
16	A high-performance liquid chromatography method to measure tocopherols in assai pulp ( <i>Euterpe</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	6.2	25
17	MiRNA Expression Profile for the Human Gastric Antrum Region Using Ultra-Deep Sequencing. <i>PLoS ONE</i> , 2014, 9, e92300.	2.5	25
18	High-Throughput Sequencing of miRNAs Reveals a Tissue Signature in Gastric Cancer and Suggests Novel Potential Biomarkers. <i>Bioinformatics and Biology Insights</i> , 2015, 9s1, BBI.S23773.	2.0	20

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19	Distinct triterpene synthases in the laticifers of <i>Euphorbia lathyris</i> . <i>Scientific Reports</i> , 2019, 9, 4840.	3.3	20
20	Phytosterol Profiles, Genomes and Enzymes – An Overview. <i>Frontiers in Plant Science</i> , 2021, 12, 665206.	3.6	13
21	Identification of sequences expressed during compatible black pepper– <i>Fusarium solani</i> f. sp. <i>piperis</i> interaction. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 2553-2560.	2.1	10
22	High-Throughput Sequencing of a South American Amerindian. <i>PLoS ONE</i> , 2013, 8, e83340.	2.5	9
23	Salamander-like tail regeneration in the West African lungfish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192939.	2.6	9
24	Identifying Sequences Potentially Related to Resistance Response of <i>Piper tuberculatum</i> to <i>Fusarium solani</i> f. sp. <i>piperis</i> by Suppression Subtractive Hybridization. <i>Protein and Peptide Letters</i> , 2009, 16, 1429-1434.	0.9	7
25	Inhibition of Phytosterol Biosynthesis by Azasterols. <i>Molecules</i> , 2020, 25, 1111.	3.8	7
26	Secure and Sustainable Sourcing of Plant Tissues for the Exhaustive Exploration of Their Chemodiversity. <i>Molecules</i> , 2020, 25, 5992.	3.8	4
27	First genomic microsatellite markers developed for <i>Platonia insignis</i> (Clusiaceae), a Brazilian fruit tree. <i>Molecular Biology Reports</i> , 2020, 47, 2985-2989.	2.3	3
28	Deep Sequencing of MicroRNAs in Cancer: Expression Profiling and Its Applications. , 2012, , 523-546.		3
29	Worming our way toward multiple evolutionary origins of convergent sterol pathways. <i>Journal of Lipid Research</i> , 2020, 61, 129-132.	4.2	3
30	The Sterol C4-Demethylation in Higher Plants. , 2012, , 367-380.		3
31	Transcriptional profiling by RNA sequencing of black pepper ( <i>Piper nigrum</i> L.) roots infected by <i>Fusarium solani</i> f. sp. <i>piperis</i> . <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	2
32	Unleashed sterol production in thale cress. <i>Nature Plants</i> , 2019, 5, 1112-1113.	9.3	2
33	Deep Sequencing of MicroRNAs in Cancer: Expression Profiling and Its Applications. , 2012, , 523-546.		2
34	Data Analysis of Multiplex Sequencing at SOLiD Platform: A Probabilistic Approach to Characterization and Reliability Increase. <i>American Journal of Molecular Biology</i> , 2018, 08, 26-38.	0.3	1
35	Chemical and Functional Properties of Amazonian Fruits. , 2019, , 173-216.		0
36	Phytosterol metabolism in plants and algae, time to dive into the unknown. <i>Advances in Botanical Research</i> , 2022, 101, 287-343.	1.1	0