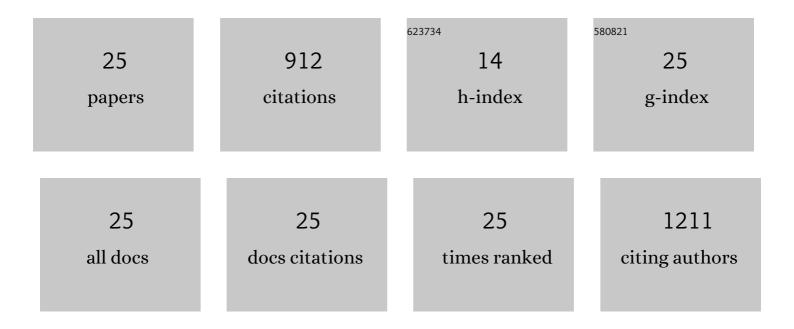
Scott R Baerson

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2757058/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Olfactory perception of herbivoreâ€induced plant volatiles elicits counterâ€defences in larvae of the tobacco cutworm. Functional Ecology, 2021, 35, 384-397.	3.6	10
2	<i>In vivo</i> assembly of the sorgoleone biosynthetic pathway and its impact on agroinfiltrated leaves of <i>Nicotiana benthamiana</i> . New Phytologist, 2021, 230, 683-697.	7.3	6
3	Transcription factor OsbZIP49 controls tiller angle and plant architecture through the induction of indoleâ€3â€acetic acidâ€amido synthetases in rice. Plant Journal, 2021, 108, 1346-1364.	5.7	20
4	Puupehenone, a Marine-Sponge-Derived Sesquiterpene Quinone, Potentiates the Antifungal Drug Caspofungin by Disrupting Hsp90 Activity and the Cell Wall Integrity Pathway. MSphere, 2020, 5, .	2.9	13
5	Diterpenoids with herbicidal and antifungal activities from hulls of rice (Oryza sativa). Fìtoterapìâ, 2019, 136, 104183.	2.2	10
6	A cytochrome P450 <scp>CYP</scp> 71 enzyme expressed in <i>Sorghum bicolor</i> root hair cells participates in the biosynthesis of the benzoquinone allelochemical sorgoleone. New Phytologist, 2018, 218, 616-629.	7.3	28
7	Inferring Roles in Defense from Metabolic Allocation of Rice Diterpenoids. Plant Cell, 2018, 30, 1119-1131.	6.6	55
8	Identification and Functional Analysis of a Novel Cytochrome P450 Gene CYP9A105 Associated with Pyrethroid Detoxification in Spodoptera exigua HA¼bner. International Journal of Molecular Sciences, 2018, 19, 737.	4.1	32
9	Identification of a novel cytochrome P450 CYP321B1 gene from tobacco cutworm (<i>Spodoptera) Tj ETQq1 2017, 24, 235-247.</i>	1 0.784314 3.0	4 rgBT /Overloo 56
10	Ratoon rice generated from primed parent plants exhibit enhanced herbivore resistance. Plant, Cell and Environment, 2017, 40, 779-787.	5.7	16
11	Two plant-derived aporphinoid alkaloids exert their antifungal activity by disrupting mitochondrial iron-sulfur cluster biosynthesis. Journal of Biological Chemistry, 2017, 292, 16578-16593.	3.4	13
12	A novel cytochrome P450 CYP6AB14 gene in Spodoptera litura (Lepidoptera: Noctuidae) and its potential role in plant allelochemical detoxification. Journal of Insect Physiology, 2015, 75, 54-62.	2.0	73
13	Investigating sesquiterpene biosynthesis in Ginkgo biloba: molecular cloning and functional characterization of (E,E)-farnesol and α-bisabolene synthases. Plant Molecular Biology, 2015, 89, 451-462.	3.9	18
14	Sorghum Allelopathy—From Ecosystem to Molecule. Journal of Chemical Ecology, 2013, 39, 142-153.	1.8	96
15	Alkylresorcinol Synthases Expressed in <i>Sorghum bicolor</i> Root Hairs Play an Essential Role in the Biosynthesis of the Allelopathic Benzoquinone Sorgoleone Â. Plant Cell, 2010, 22, 867-887.	6.6	97
16	Alkylresorcinol biosynthesis in plants. Plant Signaling and Behavior, 2010, 5, 1286-1289.	2.4	43
17	Probing allelochemical biosynthesis in sorghum root hairs. Plant Signaling and Behavior, 2008, 3, 667-670.	2.4	12
18	A Functional Genomics Investigation of Allelochemical Biosynthesis in Sorghum bicolor Root Hairs. Journal of Biological Chemistry, 2008, 283, 3231-3247.	3.4	88

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#	Article	IF	CITATIONS
19	Functional Characterization of Desaturases Involved in the Formation of the Terminal Double Bond of an Unusual 16:31"9, 12, 15 Fatty Acid Isolated from Sorghum bicolor Root Hairs. Journal of Biological Chemistry, 2007, 282, 4326-4335.	3.4	39
20	A Plethora of Polyketides: Structures, Biological Activities, and Enzymes. ACS Symposium Series, 2007, , 2-14.	0.5	10
21	Molecular and Biochemical Characterization of Novel Polyketide Synthases Likely to Be Involved in the Biosynthesis of Sorgoleone. ACS Symposium Series, 2007, , 141-151.	0.5	1
22	Global Gene Expression Approaches to Mode-of-Action Studies with Natural Product-Based Pesticides. ACS Symposium Series, 2006, , 255-264.	0.5	1
23	A Functional Genomics Approach for the Identification of Genes Involved in the Biosynthesis of the Allelochemical Sorgoleone. ACS Symposium Series, 2006, , 265-276.	0.5	7
24	Detoxification and Transcriptome Response in Arabidopsis Seedlings Exposed to the Allelochemical Benzoxazolin-2(3H)-one. Journal of Biological Chemistry, 2005, 280, 21867-21881.	3.4	165
25	New Herbicide Target Sites from Natural Compounds. ACS Symposium Series, 2004, , 151-160.	0.5	3