

Sean D G Marshall

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

821
citations

567144

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h-index

610775

24
g-index

27
all docs

27
docs citations

27
times ranked

1096
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of soil-borne disease on plant yield and farm profit in dairying soils. , 2022, 1, 16-29.		8
2	Coconut Rhinoceros Beetle in Samoa: Review of a Century-Old Invasion and Prospects for Control in a Changing Future. <i>Insects</i> , 2022, 13, 487.	1.0	5
3	Three-dimensional cellular aggregates formed by <i>Beauveria pseudobassiana</i> in liquid culture with potential for use as a biocontrol agent of the African black beetle (<i>Heteronychus arator</i>). <i>Mycology</i> , 2021, 12, 105-118.	2.0	3
4	Can Biological Control Overcome the Threat From Newly Invasive Coconut Rhinoceros Beetle Populations (Coleoptera: Scarabaeidae)? A Review. <i>Annals of the Entomological Society of America</i> , 2021, 114, 247-256.	1.3	15
5	Monitoring an invasive coconut rhinoceros beetle population using pheromone traps in Honiara, Solomon Islands. <i>New Zealand Plant Protection</i> , 2021, 74, 37-41.	0.3	6
6	Confirmation of <i>Oryctes rhinoceros nudivirus</i> infections in G-haplotype coconut rhinoceros beetles (<i>Oryctes rhinoceros</i>) from Palauan PCR-positive populations. <i>Scientific Reports</i> , 2021, 11, 18820.	1.6	14
7	Formation of microsclerotia in three species of <i>Beauveria</i> and storage stability of a prototype granular formulation. <i>Biocontrol Science and Technology</i> , 2018, 28, 1097-1113.	0.5	17
8	A new haplotype of the coconut rhinoceros beetle, <i>Oryctes rhinoceros</i> , has escaped biological control by <i>Oryctes rhinoceros nudivirus</i> and is invading Pacific Islands. <i>Journal of Invertebrate Pathology</i> , 2017, 149, 127-134.	1.5	54
9	Nutritional demands and metabolic characteristics of the DSIR-HA-1179 insect cell line during growth and infection with the <i>Oryctes nudivirus</i> . <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 908-921.	0.7	2
10	High Genetic Diversity of Microbial Cellulase and Hemicellulase Genes in the Hindgut of <i>Holotrichia parallela</i> Larvae. <i>International Journal of Molecular Sciences</i> , 2015, 16, 16545-16559.	1.8	15
11	Histopathological Effects of the Yen-Tc Toxin Complex from <i>Yersinia entomophaga</i> MH96 (Enterobacteriaceae) on the <i>Costelytra zealandica</i> (Coleoptera: Scarabaeidae) Larval Midgut. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4835-4847.	1.4	27
12	Genetic and electron-microscopic characterization of <i>Rickettsiella</i> bacteria from the manuka beetle, <i>Pyronota setosa</i> (Coleoptera: Scarabaeidae). <i>Journal of Invertebrate Pathology</i> , 2011, 107, 206-211.	1.5	21
13	Biochemical characterisation of MdCXE1, a carboxylesterase from apple that is expressed during fruit ripening. <i>Phytochemistry</i> , 2011, 72, 564-571.	1.4	28
14	3D structure of the <i>Yersinia entomophaga</i> toxin complex and implications for insecticidal activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20544-20549.	3.3	91
15	Selective Sweeps at the Organophosphorus Insecticide Resistance Locus, Rop-1, Have Affected Variation across and beyond the Esterase Gene Cluster in the Australian Sheep Blowfly, <i>Lucilia cuprina</i> . <i>Molecular Biology and Evolution</i> , 2011, 28, 1835-1846.	3.5	16
16	The scarab gut: A potential bioreactor for biofuel production. <i>Insect Science</i> , 2010, 17, 175-183.	1.5	70
17	Odorant Receptors from the Light brown Apple Moth (<i>Epiphyas postvittana</i>) Recognize Important Volatile Compounds Produced by Plants. <i>Chemical Senses</i> , 2009, 34, 383-394.	1.1	104
18	Phenotypic changes and the fate of digestive enzymes during induction of amber disease in larvae of the New Zealand grass grub (<i>Costelytra zealandica</i>). <i>Journal of Invertebrate Pathology</i> , 2009, 101, 215-221.	1.5	7

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19	Serine proteases identified from a <i>Costelytra zealandica</i> (White) (Coleoptera: Scarabaeidae) midgut EST library and their expression through insect development. <i>Insect Molecular Biology</i> , 2008, 17, 247-259.	1.0	17
20	<i>Serratia entomophila</i> inoculation causes a defect in exocytosis in <i>Costelytra zealandica</i> larvae. <i>Insect Molecular Biology</i> , 2008, 17, 375-385.	1.0	15
21	Expressed sequence tags and proteomics of antennae from the tortricid moth, <i>Epiphyas postvittana</i> . <i>Insect Molecular Biology</i> , 2008, 17, 361-373.	1.0	55
22	High-Resolution Crystal Structure of Plant Carboxylesterase AeCXE1, from <i>Actinidia eriantha</i> , and Its Complex with a High-Affinity Inhibitor Paraoxon,. <i>Biochemistry</i> , 2007, 46, 1851-1859.	1.2	58
23	Expressed sequence tags from the midgut of <i>Epiphyas postvittana</i> (Walker) (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overload	1.0	42
24	The Carboxylesterase Gene Family from <i>Arabidopsis thaliana</i> . <i>Journal of Molecular Evolution</i> , 2003, 57, 487-500.	0.8	104
25	Coordination of <i>ges-1</i> Expression Between the <i>Caenorhabditis Pharynx</i> and Intestine. <i>Developmental Biology</i> , 2001, 239, 350-363.	0.9	24
26	Barriers to IPM adoption for insect pests in New Zealand pastures. <i>Journal of New Zealand Grasslands</i> , 0, , 139-148.	0.0	3