

# Nelson Jo Simões

## List of Publications by Year in descending order

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37  
papers

1,091  
citations

331259

21  
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414034

32  
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docs citations

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times ranked

1099  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive Excreted/Secreted Products of Entomopathogenic Nematode <i>Heterorhabditis bacteriophora</i> Inhibit the Phenoloxidase Activity during the Infection. <i>Insects</i> , 2020, 11, 353.	1.0	13
2	The genome, transcriptome, and proteome of the nematode <i>Steinernema carpocapsae</i> : evolutionary signatures of a pathogenic lifestyle. <i>Scientific Reports</i> , 2016, 6, 37536.	1.6	25
3	<i>Bacillus pumilus</i> S124A carboxymethyl cellulase; a thermo stable enzyme with a wide substrate spectrum utility. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 132-139.	3.6	35
4	Cloning and molecular analysis of the aspartic protease Sc-ASP110 gene transcript in <i>Steinernema carpocapsae</i> . <i>Parasitology</i> , 2013, 140, 1158-1167.	0.7	3
5	A Serpin Released by an Entomopathogen Impairs Clot Formation in Insect Defense System. <i>PLoS ONE</i> , 2013, 8, e69161.	1.1	40
6	A Pathogenic Nematode Targets Recognition Proteins to Avoid Insect Defenses. <i>PLoS ONE</i> , 2013, 8, e75691.	1.1	41
7	Pepsin-like aspartic protease (Sc-ASP155) cloning, molecular characterization and gene expression analysis in developmental stages of nematode <i>Steinernema carpocapsae</i> . <i>Gene</i> , 2012, 500, 164-171.	1.0	15
8	Purification and Biochemical Characterization of a Novel Thermo-stable Carboxymethyl Cellulase from Azorean Isolate <i>Bacillus mycoides</i> S122C. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 2191-2204.	1.4	20
9	Neonate Human Remains: A Window of Opportunity to the Molecular Study of Ancient Syphilis. <i>PLoS ONE</i> , 2012, 7, e36371.	1.1	28
10	Genetic diversity and comparative analysis of gene expression between <i>Heterorhabditis bacteriophora</i> Az29 and Az36 isolates: Uncovering candidate genes involved in insect pathogenicity. <i>Experimental Parasitology</i> , 2012, 130, 116-125.	0.5	13
11	Purification, molecular characterization and gene expression analysis of an aspartic protease (Sc-ASP113) from the nematode <i>Steinernema carpocapsae</i> during the parasitic stage. <i>Molecular and Biochemical Parasitology</i> , 2012, 182, 37-44.	0.5	16
12	High-performance liquid chromatography-diode array detection-electrospray ionization multi-stage mass spectrometric screening of an insect/plant system: the case of <i>Spodoptera littoralis</i> / <i>Lycopersicon esculentum</i> phenolics and alkaloids. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1972-1980.	0.7	21
13	Increased transcript diversity: novel splicing variants of Machado-Joseph Disease gene (ATXN3). <i>Neurogenetics</i> , 2010, 11, 193-202.	0.7	37
14	Transcripts analysis of the entomopathogenic nematode <i>Steinernema carpocapsae</i> induced in vitro with insect haemolymph. <i>Molecular and Biochemical Parasitology</i> , 2010, 169, 79-86.	0.5	35
15	Cloning, characterisation and heterologous expression of an astacin metalloprotease, Sc-AST, from the entomoparasitic nematode <i>Steinernema carpocapsae</i> . <i>Molecular and Biochemical Parasitology</i> , 2010, 174, 101-108.	0.5	34
16	Biochemical study and <i>in vitro</i> insect immune suppression by a trypsin-like secreted protease from the nematode <i>Steinernema carpocapsae</i> . <i>Parasite Immunology</i> , 2010, 32, 165-175.	0.7	67
17	Serine Protease-mediated Host Invasion by the Parasitic Nematode <i>Steinernema carpocapsae</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 30666-30675.	1.6	41
18	Identification and expression analysis of the <i>Steinernema carpocapsae</i> elastase-like serine protease gene during the parasitic stage. <i>Experimental Parasitology</i> , 2009, 122, 51-60.	0.5	16

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19	Purification, biochemical and molecular analysis of a chymotrypsin protease with prophenoloxidase suppression activity from the entomopathogenic nematode <i>Steinernema carpocapsae</i> . <i>International Journal for Parasitology</i> , 2009, 39, 975-984.	1.3	52
20	An apoptosis-inducing serine protease secreted by the entomopathogenic nematode <i>Steinernema carpocapsae</i> . <i>International Journal for Parasitology</i> , 2009, 39, 1319-1330.	1.3	58
21	Identification, characterization of functional candidate genes for host-parasite interactions in entomopathogenic nematode <i>Steinernema carpocapsae</i> by suppressive subtractive hybridization. <i>Parasitology Research</i> , 2008, 103, 671-683.	0.6	15
22	Bovine Oocyte Quality in Relation to Ultrastructural Characteristics of Zona Pellucida, Polyspermic Penetration and Developmental Competence. <i>Reproduction in Domestic Animals</i> , 2008, 43, 685-689.	0.6	30
23	Mitochondrial DNA Mutations in Cancer: A Review. <i>Current Topics in Medicinal Chemistry</i> , 2008, 8, 1351-1366.	1.0	31
24	The Complete Mitochondrial Genome of the Entomopathogenic Nematode <i>Steinernema carpocapsae</i> : Insights into Nematode Mitochondrial DNA Evolution and Phylogeny. <i>Journal of Molecular Evolution</i> , 2006, 62, 211-225.	0.8	24
25	Occurrence and characterization of a nucleopolyhedrovirus from <i>Spodoptera littoralis</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 17	1.5	17
26	Purification and Characterization of Two Distinct Metalloproteases Secreted by the Entomopathogenic Bacterium <i>Photorhabdus</i> sp. Strain Az29. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3831-3838.	1.4	52
27	Evaluation of twenty-eight strains of <i>Heterorhabditis bacteriophora</i> isolated in Azores for biocontrol of the armyworm, <i>Pseudaletia unipuncta</i> (Lepidoptera: Noctuidae). <i>Biological Control</i> , 2004, 29, 409-417.	1.4	19
28	A new isolate of the microsporidium <i>Vairimorpha necatrix</i> (Microsporidia, Burenellidae) recorded in the azores. <i>Journal of Invertebrate Pathology</i> , 2004, 85, 58-60.	1.5	2
29	Purification and Characterization of an Extracellular Protease from <i>Xenorhabdus nematophila</i> Involved in Insect Immunosuppression. <i>Applied and Environmental Microbiology</i> , 2002, 68, 1297-1304.	1.4	91
30	Differences between the pathogenic processes induced by <i>Steinernema</i> and <i>Heterorhabditis</i> (Nemata: Tj ETQq0 0 0 rgBT /Overlock 10 T 80, 46-54.	1.5	15
31	Encapsulation Response of 6th Instar of <i>Pseudaletia unipuncta</i> (Lepidoptera: Noctuidae) to <i>Steinernema carpocapsae</i> (Nematoda: Steinernematidae). <i>Journal of Invertebrate Pathology</i> , 2001, 78, 272-274.	1.5	11
32	Purification and characterization of two serine protease inhibitors from the hemolymph of <i>Mythimna unipuncta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2001, 31, 761-769.	1.2	17
33	Effect of airflow rate on yields of <i>Steinernema carpocapsae</i> Az 20 in liquid culture in an external-loop airlift bioreactor. <i>Biotechnology and Bioengineering</i> , 2001, 72, 369-373.	1.7	28
34	Pathogenicity Caused by High Virulent and Low Virulent Strains of <i>Steinernema carpocapsae</i> to <i>Galleria mellonella</i> . <i>Journal of Invertebrate Pathology</i> , 2000, 75, 47-54.	1.5	43
35	Insect immunity effects of factors produced by a nematobacterial complex on immunocompetent cells. <i>Journal of Insect Physiology</i> , 1999, 45, 677-685.	0.9	43
36	Insect immunity: the haemocytes of the armyworm <i>Mythimna unipuncta</i> (Lepidoptera: Noctuidae) and their role in defence reactions. <i>in vivo</i> and <i>in vitro</i> studies. <i>Journal of Insect Physiology</i> , 1996, 42, 815-822.	0.9	30

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37	Factors influencing parasitism of adult Japanese beetles, <i>Polillia japonica</i> (Col.: Scarabaeidae) by entomopathogenic nematodes. <i>Entomophaga</i> , 1993, 38, 501-509.	0.2	13