

# SÃ³nia C S Andrade

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

2,561  
citations

257450

24  
h-index

223800

46  
g-index

77  
all docs

77  
docs citations

77  
times ranked

3208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolving the evolutionary relationships of molluscs with phylogenomic tools. <i>Nature</i> , 2011, 480, 364-367.	27.8	359
2	Revisiting metazoan phylogeny with genomic sampling of all phyla. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190831.	2.6	229
3	Phylogenomic analyses of deep gastropod relationships reject Orthogastropoda. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141739.	2.6	144
4	Articulating "Archiannelids": Phylogenomics and Annelid Relationships, with Emphasis on Meiofaunal Taxa. <i>Molecular Biology and Evolution</i> , 2015, 32, 2860-2875.	8.9	128
5	Comparative description of ten transcriptomes of newly sequenced invertebrates and efficiency estimation of genomic sampling in non-model taxa. <i>Frontiers in Zoology</i> , 2012, 9, 33.	2.0	114
6	A phylogenetic backbone for Bivalvia: an RNA-seq approach. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142332.	2.6	110
7	Disentangling ribbon worm relationships: multi-locus analysis supports traditional classification of the phylum Nemertea. <i>Cladistics</i> , 2012, 28, 141-159.	3.3	107
8	A Transcriptomic Approach to Ribbon Worm Systematics (Nemertea): Resolving the Piliophora Problem. <i>Molecular Biology and Evolution</i> , 2014, 31, 3206-3215.	8.9	68
9	Phylogenetic analysis of four nuclear protein-encoding genes largely corroborates the traditional classification of Bivalvia (Mollusca). <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 64-74.	2.7	66
10	Comparative transcriptome analysis of early somatic embryo formation and seed development in Brazilian pine, <i>Araucaria angustifolia</i> (Bertol.) Kuntze. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 903-915.	2.3	59
11	Differences in the skeletal muscle transcriptome profile associated with extreme values of fatty acids content. <i>BMC Genomics</i> , 2016, 17, 961.	2.8	54
12	Gene Co-expression Analysis Indicates Potential Pathways and Regulators of Beef Tenderness in Nelore Cattle. <i>Frontiers in Genetics</i> , 2018, 9, 441.	2.3	54
13	Longissimus dorsi muscle label-free quantitative proteomic reveals biological mechanisms associated with intramuscular fat deposition. <i>Journal of Proteomics</i> , 2018, 179, 30-41.	2.4	53
14	Integrative transcriptome analysis identifies deregulated microRNA-transcription factor networks in lung adenocarcinoma. <i>Oncotarget</i> , 2016, 7, 28920-28934.	1.8	49
15	Re-evaluating the phylogeny of Sipuncula through transcriptomics. <i>Molecular Phylogenetics and Evolution</i> , 2015, 83, 174-183.	2.7	42
16	Landscape genomics to the rescue of a tropical bee threatened by habitat loss and climate change. <i>Evolutionary Applications</i> , 2019, 12, 1164-1177.	3.1	41
17	Allozyme Diversity and Morphometrics of <i>Melocactus paucispinus</i> (Cactaceae) and Evidence for Hybridization with <i>M. concinnus</i> in the Chapada Diamantina, North-eastern Brazil. <i>Annals of Botany</i> , 2006, 97, 389-403.	2.9	40
18	The Receptive Endometrial Transcriptomic Signature Indicates an Earlier Shift from Proliferation to Metabolism at Early Diestrus in the Cow. <i>Biology of Reproduction</i> , 2015, 93, 52.	2.7	40

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19	At least some meiofaunal species are not everywhere. Indication of geographic, ecological and geological barriers affecting the dispersion of species of <i>Ototyphlonemertes</i> (Nemertea). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	1.4	39
20	Genetic variation and population structuring in two brooding coral species ( <i>Siderastrea stellata</i> and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.1	37
21	The Transcriptome Signature of the Receptive Bovine Uterus Determined at Early Gestation. <i>PLoS ONE</i> , 2015, 10, e0122874.	2.5	35
22	Worms without borders: genetic diversity patterns in four Brazilian <i>Ototyphlonemertes</i> species (Nemertea, Hoplonemertea). <i>Marine Biology</i> , 2011, 158, 2109-2124.	1.5	30
23	Size of the Ovulatory Follicle Dictates Spatial Differences in the Oviductal Transcriptome in Cattle. <i>PLoS ONE</i> , 2015, 10, e0145321.	2.5	29
24	Variant discovery in a QTL region on chromosome 3 associated with fatness in chickens. <i>Animal Genetics</i> , 2015, 46, 141-147.	1.7	28
25	Population Genetic Structure of Two Columnar Cacti with a Patchy Distribution in Eastern Brazil. <i>Genetica</i> , 2005, 125, 311-323.	1.1	27
26	Nemertean taxonomyâ€™Implementing changes in the higher ranks, dismissing Anopla and Enopla. <i>Zoologica Scripta</i> , 2019, 48, 118-119.	1.7	26
27	<i>C<sub>4</sub></i> and crassulacean acid metabolism within a single leaf: deciphering key components behind a rare photosynthetic adaptation. <i>New Phytologist</i> , 2020, 225, 1699-1714.	7.3	26
28	Dynamic remodeling of endometrial extracellular matrix regulates embryo receptivity in cattle. <i>Reproduction</i> , 2017, 153, 49-61.	2.6	25
29	The use of metabarcoding for meiofauna ecological patterns assessment. <i>Marine Environmental Research</i> , 2018, 140, 160-168.	2.5	25
30	Phylogenetic placement of a new hoplonemertean species commensal on ascidians. <i>Invertebrate Systematics</i> , 2010, 24, 616.	1.3	23
31	The future of nemertean taxonomy (phylum Nemertea) â€™ a proposal. <i>Zoologica Scripta</i> , 2016, 45, 579-582.	1.7	22
32	Transcriptome differential expression analysis reveals the activated genes in <i>Litopenaeus vannamei</i> shrimp families of superior growth performance. <i>Aquaculture</i> , 2021, 531, 735871.	3.5	22
33	SNP and INDEL detection in a QTL region on chicken chromosome 2 associated with muscle deposition. <i>Animal Genetics</i> , 2015, 46, 158-163.	1.7	21
34	Early pregnancy-induced transcripts in peripheral blood immune cells in <i>Bos indicus</i> heifers. <i>Scientific Reports</i> , 2020, 10, 13733.	3.3	21
35	Fine-scale genetic structure overrides macro-scale structure in a marine snail: nonrandom recruitment, demographic events or selection?. <i>Biological Journal of the Linnean Society</i> , 2007, 91, 23-36.	1.6	19
36	Phylogenomic analyses of a Mediterranean earthworm family (Annelida: Hormogastridae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 473-478.	2.7	19

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37	Litopenaeus vannamei Transcriptome Profile of Populations Evaluated for Growth Performance and Exposed to White Spot Syndrome Virus (WSSV). <i>Frontiers in Genetics</i> , 2018, 9, 120.	2.3	19
38	TRANSFER EXPERIMENT SUGGESTS ENVIRONMENTAL EFFECTS ON THE RADULA OF LITTORARIA FLAVA (GASTROPODA: LITTORINIDAE). <i>Journal of Molluscan Studies</i> , 2006, 72, 111-116.	1.2	17
39	Redescription of <i>Lineus acutifrons</i> Southern, 1913 (Nemertea: Pilidiophora) and comments on its phylogenetic position. <i>Journal of Natural History</i> , 2010, 44, 2363-2378.	0.5	16
40	Analysis of the common bean ( <i>Phaseolus vulgaris</i> L.) transcriptome regarding efficiency of phosphorus use. <i>PLoS ONE</i> , 2019, 14, e0210428.	2.5	16
41	Genome-wide association study reveals genes associated with the absence of intermuscular bones in tambaqui ( <i>Colossoma macropomum</i> ). <i>Animal Genetics</i> , 2020, 51, 899-909.	1.7	16
42	The potential of genome-wide RAD sequences for resolving rapid radiations: a case study in Cactaceae. <i>Molecular Phylogenetics and Evolution</i> , 2020, 151, 106896.	2.7	16
43	Patterns of genetic variability in Brazilian Littorinids (Mollusca): a macrogeographic approach. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2003, 41, 249-255.	1.4	14
44	On the identity of two Antarctic brooding nemerteans: redescription of <i>Antarctonemertes valida</i> (BÃ4rger, 1893) and description of a new species in the genus <i>Antarctonemertes</i> Friedrich, 1955 (Nemertea, Hoplonemertea). <i>Polar Biology</i> , 2013, 36, 1415-1430.	1.2	14
45	Impact of hormonal modulation at proestrus on ovarian responses and uterine gene expression of suckled anestrous beef cows. <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 79.	5.3	13
46	Identification of SNPs potentially related to immune responses and growth performance in <i>Litopenaeus vannamei</i> by RNA-seq analyses. <i>PeerJ</i> , 2018, 6, e5154.	2.0	13
47	Shedding the Light on <i>Litopenaeus vannamei</i> Differential Muscle and Hepatopancreas Immune Responses in White Spot Syndrome Virus (WSSV) Exposure. <i>Genes</i> , 2020, 11, 805.	2.4	12
48	Homogeneity Test Of Hardy-weinberg Deviations In Brazilian Littorinids: Evidence For Selection?. <i>Journal of Molluscan Studies</i> , 2005, 71, 167-174.	1.2	11
49	Low-intensity resistance training with partial blood flow restriction and high-intensity resistance training induce similar changes in skeletal muscle transcriptome in elderly humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 216-220.	1.9	10
50	Systems Biology Applied to the Study of Papaya Fruit Ripening: The Influence of Ethylene on Pulp Softening. <i>Cells</i> , 2021, 10, 2339.	4.1	9
51	Oviductal transcriptional profiling of a bovine fertility model by next-generation sequencing. <i>Genomics Data</i> , 2017, 13, 27-29.	1.3	8
52	Hidden diversity: Phylogeography of genus <i>Ototyphlonemertes</i> Diesing, 1863 (Ototyphlonemertidae): Tj ETQq0 0 0 rgBT /Overlock 10 T e0195833.	2.5	8
53	The genome of a thorny species: comparative genomic analysis among South and North American Cactaceae. <i>Planta</i> , 2021, 254, 44.	3.2	8
54	Evolution, Expression Patterns, and Distribution of Novel Ribbon Worm Predatory and Defensive Toxins. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	8

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55	The state of Medusozoa genomics: current evidence and future challenges. <i>GigaScience</i> , 2022, 11, .	6.4	8
56	Genome organization and host range of a Brazilian isolate of johnsongrass mosaic virus. <i>Archives of Virology</i> , 2016, 161, 1335-1341.	2.1	7
57	<i>HABP2</i> p.G534E variant in patients with family history of thyroid and breast cancer. <i>Oncotarget</i> , 2017, 8, 40896-40905.	1.8	7
58	Data from proteomic analysis of bovine <i>Longissimus dorsi</i> muscle associated with intramuscular fat content. <i>Data in Brief</i> , 2018, 19, 1314-1317.	1.0	6
59	THE INFLUENCE OF SIZE ON THE RADULA OF <i>LITTORARIA ANGULIFERA</i> (GASTROPODA: LITTORINIDAE). <i>Malacologia</i> , 2006, 49, 1-5.	0.4	5
60	Species delimitation integrative approach reveals three new species in the <i>Nemertopsis bivittata</i> complex. <i>Invertebrate Systematics</i> , 2021, , .	1.3	5
61	Transcriptome Expression of Biomineralization Genes in<i>Littoraria flava</i> Gastropod in Brazilian Rocky Shore Reveals Evidence of Local Adaptation. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	5
62	<i>Carinoma hamanako</i> sp. nov. (Nemertea: Palaeonemertea), the First Representative of the Genus from the Northwest Pacific. <i>Species Diversity</i> , 2011, 16, 149-165.	0.4	5
63	Endometrial transcriptional profiling of a bovine fertility model by Next-Generation Sequencing. <i>Genomics Data</i> , 2016, 7, 26-28.	1.3	4
64	Biological and molecular characterization of a putative new potexvirus infecting <i>Senna occidentalis</i> . <i>Archives of Virology</i> , 2017, 162, 529-533.	2.1	4
65	Hoploneurite larvae are planktonic predators that capture and devour active animal prey. <i>Invertebrate Biology</i> , 2022, 141, .	0.9	4
66	Correction to Phylogenomic analyses of deep gastropod relationships reject Orthogastropoda. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142941.	2.6	3
67	Is there host-associated differentiation in marine herbivorous amphipods?. <i>Biological Journal of the Linnean Society</i> , 2019, 126, 885-898.	1.6	3
68	Role of neuroendocrine modulation and biochemistry in the sepsis in <i>Piaractus mesopotamicus</i> . <i>General and Comparative Endocrinology</i> , 2020, 288, 113338.	1.8	3
69	Germline Mutation in MUS81 Resulting in Impaired Protein Stability is Associated with Familial Breast and Thyroid Cancer. <i>Cancers</i> , 2020, 12, 1289.	3.7	3
70	Gene expression profiling by high throughput sequencing to determine signatures for the bovine receptive uterus at early gestation. <i>Genomics Data</i> , 2015, 5, 94-96.	1.3	2
71	Genome-wide assessment elucidates connectivity and the evolutionary history of the highly dispersive marine invertebrate <i>Littoraria flava</i> (Littorinidae: Gastropoda). <i>Biological Journal of the Linnean Society</i> , 2021, 133, 999-1015.	1.6	2
72	0893 Label-free MSE proteomic analysis of the bovine skeletal muscle: New approach for meat tenderness evaluation. <i>Journal of Animal Science</i> , 2016, 94, 429-429.	0.5	1

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73	Transcriptome changes in muscle of Nellore cows submitted to recovery weight gain under grazing condition. <i>Animal</i> , 2019, 13, 333-340.	3.3	1