

Luisa Dalla Valle

List of Publications by Year in descending order

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98
papers

8,217
citations

94433

37
h-index

48315

88
g-index

103
all docs

103
docs citations

103
times ranked

17396
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	AMBRA1 links autophagy to cell proliferation and tumorigenesis by promoting c-Myc dephosphorylation and degradation. <i>Nature Cell Biology</i> , 2015, 17, 20-30.	10.3	200
3	BPA-Induced Deregulation Of Epigenetic Patterns: Effects On Female Zebrafish Reproduction. <i>Scientific Reports</i> , 2016, 6, 21982.	3.3	134
4	Phylogeny of betanodaviruses and molecular evolution of their RNA polymerase and coat proteins. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 298-308.	2.7	117
5	Identification of reptilian genes encoding hair keratin-like proteins suggests a new scenario for the evolutionary origin of hair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18419-18423.	7.1	104
6	Hard (Beta-)Keratins in the Epidermis of Reptiles: A Composition, Sequence, and Molecular Organization. <i>Journal of Proteome Research</i> , 2007, 6, 3377-3392.	3.7	90
7	Evolution of hard proteins in the sauropsid integument in relation to the cornification of skin derivatives in amniotes. <i>Journal of Anatomy</i> , 2009, 214, 560-586.	1.5	87
8	Transcriptome analysis of the regenerating tail vs. the scarring limb in lizard reveals pathways leading to successful vs. unsuccessful organ regeneration in amniotes. <i>Developmental Dynamics</i> , 2017, 246, 116-134.	1.8	77
9	Development of a sensitive diagnostic assay for fish nervous necrosis virus based on RT-PCR plus nested PCR. <i>Journal of Fish Diseases</i> , 2000, 23, 321-327.	1.9	75
10	Development of a sensitive and quantitative diagnostic assay for fish nervous necrosis virus based on two-target real-time PCR. <i>Veterinary Microbiology</i> , 2005, 110, 167-179.	1.9	71
11	The knockdown of maternal glucocorticoid receptor mRNA alters embryo development in zebrafish. <i>Developmental Dynamics</i> , 2011, 240, 874-889.	1.8	70
12	Forty keratin-associated proteins (KAPs) form the hard layers of scales, claws, and adhesive pads in the green anole lizard, <i>Anolis carolinensis</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2010, 314B, 11-32.	1.3	68
13	European sea bass (<i>Dicentrarchus labrax</i> L.) cytochrome P450arom: cDNA cloning, expression and genomic organization. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002, 80, 25-34.	2.5	65
14	Cloning of two mRNA variants of brain aromatase cytochrome P450 in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Journal of Molecular Evolution</i> , 2000, 50, 100-104.	2.5	64
15	nr3c1 null mutant zebrafish are viable and reveal DNA-binding-independent activities of the glucocorticoid receptor. <i>Scientific Reports</i> , 2017, 7, 4371.	3.3	64
16	Isolation of a mRNA encoding a glycine-proline-rich keratin expressed in the regenerating epidermis of lizard. <i>Developmental Dynamics</i> , 2005, 234, 934-947.	1.8	63
17	Cloning and characterization of scale keratins in the differentiating epidermis of geckoes show they are glycine-proline-serine-rich proteins with a central motif homologous to avian keratins. <i>Developmental Dynamics</i> , 2007, 236, 374-388.	1.8	61
18	Beta-keratins of turtle shell are glycine-proline-tyrosine rich proteins similar to those of crocodylians and birds. <i>Journal of Anatomy</i> , 2009, 214, 284-300.	1.5	60

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19	Interplay between autophagy and apoptosis in the development of <i>Danio rerio</i> follicles and the effects of a probiotic. <i>Reproduction, Fertility and Development</i> , 2013, 25, 1115.	0.4	59
20	Myostatin expression during development and chronic stress in zebrafish (<i>Danio rerio</i>). <i>Journal of Endocrinology</i> , 2003, 176, 47-59.	2.6	58
21	β -keratins of differentiating epidermis of snake comprise glycine-proline-serine-rich proteins with an avian-like gene organization. <i>Developmental Dynamics</i> , 2007, 236, 1939-1953.	1.8	54
22	Expression analysis of steroid hormone receptor mRNAs during zebrafish embryogenesis. <i>General and Comparative Endocrinology</i> , 2010, 165, 215-220.	1.8	54
23	Tissue-specific transcriptional initiation and activity of steroid sulfatase complementing dehydroepiandrosterone sulfate uptake and intracrine steroid activations in human adipose tissue. <i>Journal of Endocrinology</i> , 2006, 190, 129-139.	2.6	53
24	β -keratins of the crocodylian epidermis: composition, structure, and phylogenetic relationships. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009, 312B, 42-57.	1.3	51
25	Sequence comparison and phylogenetic analysis of fish nodaviruses based on the coat protein gene. <i>Archives of Virology</i> , 2001, 146, 1125-1137.	2.1	50
26	Analysis of gene expression in gecko digital adhesive pads indicates significant production of cysteine- and glycine-rich β -keratins. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009, 312B, 58-73.	1.3	49
27	Bioinformatic and molecular characterization of beta-defensin-like peptides isolated from the green lizard <i>Anolis carolinensis</i> . <i>Developmental and Comparative Immunology</i> , 2012, 36, 222-229.	2.3	49
28	Review: Evolution and diversification of corneous β -proteins, the characteristic epidermal proteins of reptiles and birds. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 438-453.	1.3	48
29	Developmentally Regulated Expression and Activity of 17β -Hydroxylase/C-17,20-Lyase Cytochrome P450 in Rat Liver. <i>Endocrinology</i> , 1997, 138, 3166-3174.	2.8	47
30	Hard cornification in reptilian epidermis in comparison to cornification in mammalian epidermis. <i>Experimental Dermatology</i> , 2007, 16, 961-976.	2.9	47
31	<i>Ambra1</i> knockdown in zebrafish leads to incomplete development due to severe defects in organogenesis. <i>Autophagy</i> , 2013, 9, 476-495.	9.1	46
32	The Epidermis of Scales in Gecko Lizards Contains Multiple Forms of β -Keratins Including Basic Glycine-Proline-Serine-Rich Proteins. <i>Journal of Proteome Research</i> , 2007, 6, 1792-1805.	3.7	45
33	Potential for Estrogen Synthesis and Action in Human Normal and Neoplastic Thyroid Tissues. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3702-3709.	3.6	44
34	Downregulation of lizard immuno-genes in the regenerating tail and myogenes in the scarring limb suggests that tail regeneration occurs in an immuno-privileged organ. <i>Protoplasma</i> , 2017, 254, 2127-2141.	2.1	42
35	Occurrence of cytochrome P450c17 mRNA and dehydroepiandrosterone biosynthesis in the rat gastrointestinal tract. <i>Molecular and Cellular Endocrinology</i> , 1995, 111, 83-92.	3.2	41
36	Scale keratin in lizard epidermis reveals amino acid regions homologous with avian and mammalian epidermal proteins. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2006, 288A, 734-752.	2.0	41

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37	Pyramimonas australis sp. nov. (Prasinophyceae, Chlorophyta) from Antarctica: fine structure and molecular phylogeny. <i>European Journal of Phycology</i> , 2002, 37, 103-114.	2.0	40
38	A developmental hepatotoxicity study of dietary bisphenol A in <i>Sparus aurata</i> juveniles. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 166, 1-13.	2.6	37
39	Zebrafish <i>ambra1a</i> and <i>ambra1b</i> Knockdown Impairs Skeletal Muscle Development. <i>PLoS ONE</i> , 2014, 9, e99210.	2.5	36
40	Potential for Estrogen Synthesis and Action in Human Normal and Neoplastic Thyroid Tissues. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3702-3709.	3.6	36
41	Intracrine sex steroid synthesis and signaling in human epidermal keratinocytes and dermal fibroblasts. <i>FASEB Journal</i> , 2015, 29, 508-524.	0.5	35
42	Anti-Inflammatory Activity of Exopolysaccharides from <i>Phormidium</i> sp. ETS05, the Most Abundant Cyanobacterium of the Therapeutic Euganean Thermal Muds, Using the Zebrafish Model. <i>Biomolecules</i> , 2020, 10, 582.	4.0	35
43	A living biosensor model to dynamically trace glucocorticoid transcriptional activity during development and adult life in zebrafish. <i>Molecular and Cellular Endocrinology</i> , 2014, 392, 60-72.	3.2	34
44	<i>Pseudopleurochloris antarcticagen. et sp. nov.</i> , a new coccoid xanthophycean from pack-ice of Wood Bay (Ross Sea, Antarctica): ultrastructure, pigments and 18S rRNA gene sequence. <i>European Journal of Phycology</i> , 1999, 34, 149-159.	2.0	32
45	Wounding in lizards results in the release of beta-defensins at the wound site and formation of an antimicrobial barrier. <i>Developmental and Comparative Immunology</i> , 2012, 36, 557-565.	2.3	32
46	Distribution of Specific Keratin-Associated Beta-Proteins (Beta-Keratins) in the Epidermis of the Lizard <i>Anolis carolinensis</i> Helps to Clarify the Process of Cornification in Lepidosaurians. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2012, 318, 388-403.	1.3	30
47	The maternal control in the embryonic development of zebrafish. <i>General and Comparative Endocrinology</i> , 2017, 245, 55-68.	1.8	30
48	The knockdown of the maternal estrogen receptor 2a (<i>esr2a</i>) mRNA affects embryo transcript contents and larval development in zebrafish. <i>General and Comparative Endocrinology</i> , 2011, 172, 120-129.	1.8	29
49	Aldosterone and the conquest of land. <i>Journal of Endocrinological Investigation</i> , 2006, 29, 373-379.	3.3	28
50	Use of random DNA amplification to generate specific molecular probes for hybridization tests and PCR-based diagnosis of <i>Yersinia ruckeri</i> . <i>Diseases of Aquatic Organisms</i> , 1996, 24, 121-127.	1.0	28
51	Expression of cytochrome P450 _{scc} mRNA and protein in the rat kidney from birth to adulthood. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 88, 79-89.	2.5	27
52	Reversible induction of mitophagy by an optogenetic bimodular system. <i>Nature Communications</i> , 2019, 10, 1533.	12.8	27
53	Extraglandular hormonal steroidogenesis in aged rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1992, 43, 1095-1098.	2.5	25
54	Morphological convergence characterizes the evolution of Xanthophyceae (Heterokontophyta): evidence from nuclear SSU rDNA and plastidial <i>rbcl</i> genes. <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 156-170.	2.7	24

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55	Transcriptional control of human steroid sulfatase. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 115, 68-74.	2.5	24
56	Measuring recognition memory in zebrafish larvae: issues and limitations. <i>PeerJ</i> , 2020, 8, e8890.	2.0	24
57	Rat cytochrome P450c17 gene transcription is initiated at different start sites in extraglandular and glandular tissues. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002, 82, 377-384.	2.5	23
58	Expression of beta-keratin mRNAs and proline uptake in epidermal cells of growing scales and pad lamellae of gecko lizards. <i>Journal of Anatomy</i> , 2007, 211, 104-116.	1.5	23
59	Isolation of a new class of cysteine-“glycine”-proline-rich beta-proteins (beta-keratins) and their expression in snake epidermis. <i>Journal of Anatomy</i> , 2010, 216, 356-367.	1.5	22
60	Deleterious Mutations of a Claw Keratin in Multiple Taxa of Reptiles. <i>Journal of Molecular Evolution</i> , 2011, 72, 265-273.	1.8	21
61	Feeding Entrainment of the Zebrafish Circadian Clock Is Regulated by the Glucocorticoid Receptor. <i>Cells</i> , 2019, 8, 1342.	4.1	21
62	Occurrence of steroidogenic enzymes in the bovine mammary gland at different functional stages. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1996, 59, 339-347.	2.5	20
63	Ecological, physiological, and biomolecular surveys on microalgae from Ross Sea (Antarctica). <i>Italian Journal of Zoology</i> , 2000, 67, 147-156.	0.6	20
64	Expression of cytochrome P450c17 and other steroid-converting enzymes in the rat kidney throughout the life-span. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 91, 49-58.	2.5	20
65	The expression of the human steroid sulfatase-encoding gene is driven by alternative first exons. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 107, 22-29.	2.5	20
66	Developmentally Regulated Expression and Activity of 17 β -Hydroxylase/C-17,20-Lyase Cytochrome P450 in Rat Liver. <i>Endocrinology</i> , 1997, 138, 3166-3174.	2.8	19
67	Detection of equine arteritis virus in semen by reverse transcriptase polymerase chain reaction-“ELISA. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 1999, 22, 187-197.	1.6	18
68	Knockout of the Glucocorticoid Receptor Impairs Reproduction in Female Zebrafish. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9073.	4.1	18
69	Tissue-specific transcriptional initiation of the CYP19 genes in rainbow trout, with analysis of splicing patterns and promoter sequences. <i>General and Comparative Endocrinology</i> , 2007, 153, 311-319.	1.8	17
70	Ultrastructural localization of hair keratin homologs in the claw of the lizard <i>Anolis carolinensis</i> . <i>Journal of Morphology</i> , 2011, 272, 363-370.	1.2	16
71	Bioinformatic and molecular characterization of cathelicidin-like peptides isolated from the green lizard <i>Anolis carolinensis</i> (Reptilia: Lepidosauria: Iguanidae). <i>Italian Journal of Zoology</i> , 2013, 80, 177-186.	0.6	16
72	The <i>egg5</i> knockout zebrafish line: a model to study Vici syndrome. <i>Autophagy</i> , 2019, 15, 1438-1454.	9.1	16

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73	Gene expression in regenerating and scarring tails of lizard evidences three main key genes (wnt2b,) Tj ETQq1 1 0.784314 rgBT /Over 258, 3-17.	2.1	15
74	Glucocorticoid receptor activities in the zebrafish model: a review. Journal of Endocrinology, 2020, 247, R63-R82.	2.6	15
75	Use of random amplification to develop a PCR detection method for the causative agent of fish pasteurellosis, Photobacterium damsela subsp. piscicida (Vibrionaceae). Aquaculture, 2002, 207, 187-202.	3.5	14
76	Characterisation of three variants of estrogen receptor β mRNA in the common sole, Solea solea L. (Teleostei). General and Comparative Endocrinology, 2007, 153, 31-39.	1.8	13
77	Biomolecular Identification of Beta-Defensin-Like Peptides From the Skin of the Soft-Shell Turtle <i>Apalone spinifera</i> . Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2013, 320, 210-217.	1.3	13
78	Efficient clofilium tosylate-mediated rescue of POLG-related disease phenotypes in zebrafish. Cell Death and Disease, 2021, 12, 100.	6.3	13
79	The genotoxicity of nitritotriacetic acid (NTA) in a somatic mutation and recombination test in <i>Drosophila melanogaster</i> . Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1991, 262, 253-261.	1.1	12
80	Transcriptional control of human organic anion transporting polypeptide 2B1 gene. Journal of Steroid Biochemistry and Molecular Biology, 2009, 115, 146-152.	2.5	12
81	Molecular characterization of alpha-keratins in comparison to associated beta-proteins in soft-shelled and hard-shelled turtles produced during the process of epidermal differentiation. , 2013, 320, n/a-n/a.		12
82	A Survey on a Persistent Greenish Bloom in the Comacchio Lagoons (Ferrara, Italy). Botanica Marina, 1999, 42, .	1.2	11
83	Genomic organization of the CYP19b genes in the rainbow trout (<i>Oncorhynchus mykiss</i> Walbaum). Journal of Steroid Biochemistry and Molecular Biology, 2005, 94, 49-55.	2.5	10
84	Zebrafish Mutant Lines Reveal the Interplay between nr3c1 and nr3c2 in the GC-Dependent Regulation of Gene Transcription. International Journal of Molecular Sciences, 2022, 23, 2678.	4.1	8
85	Zebrafish <i>ambra1a</i> and <i>ambra1b</i> Silencing Affect Heart Development. Zebrafish, 2020, 17, 163-176.	1.1	7
86	Knockout of the hsd11b2 Gene Extends the Cortisol Stress Response in Both Zebrafish Larvae and Adults. International Journal of Molecular Sciences, 2021, 22, 12525.	4.1	7
87	In vivo anti-inflammatory and antioxidant effects of microbial polysaccharides extracted from Euganean therapeutic muds. International Journal of Biological Macromolecules, 2022, 209, 1710-1719.	7.5	7
88	Hormonal steroidogenesis in liver and small intestine of the green frog, <i>Rana esculenta</i> L.. Life Sciences, 2001, 69, 2921-2930.	4.3	6
89	Cloning, characterization, and molecular expression of gonadotropin receptors in European hake (<i>Merluccius merluccius</i>), a multiple-spawning species. Fish Physiology and Biochemistry, 2018, 44, 895-910.	2.3	6
90	Thylakoid dismantling of damaged unfunctional chloroplasts modulates the Cab and RbcS gene expression in wheat leaves. Journal of Photochemistry and Photobiology B: Biology, 2004, 73, 159-166.	3.8	5

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91	Characterization of Ambra1 in asexual cycle of a non-vertebrate chordate, the colonial tunicate <i>Botryllus schlosseri</i> , and phylogenetic analysis of the protein group in Bilateria. <i>Molecular Phylogenetics and Evolution</i> , 2016, 95, 46-57.	2.7	5
92	Identification of the 11 β -hydroxysteroid Dehydrogenase Type 1 mRNA and Protein in Human Mononuclear Leukocytes. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2009, 117, 514-518.	1.2	4
93	epg5 knockout leads to the impairment of reproductive success and courtship behaviour in a zebrafish model of autophagy-related diseases. <i>Biomedical Journal</i> , 2022, 45, 377-386.	3.1	4
94	The polymerase chain reaction for the identification of different species of <i>Mycobacterium</i> . <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 1997, 20, 233-239.	1.6	3
95	Learning and visual discrimination in newly hatched zebrafish. <i>IScience</i> , 2022, 25, 104283.	4.1	2
96	<i>Pseudopleurochloris antarctica</i> gen. et sp. nov., a new coccoid xanthophycean from pack-ice of Wood Bay (Ross Sea, Antarctica): ultrastructure, pigments and 18S rRNA gene sequence. <i>European Journal of Phycology</i> , 1999, 34, 149-159.	2.0	1
97	Low α -cysteine keratins and corneous β -proteins are initially formed in the regenerating tail epidermis of lizard. <i>Journal of Morphology</i> , 2017, 278, 119-130.	1.2	0
98	STW 5 Herbal Preparation Modulates Wnt3a and Claudin 1 Gene Expression in Zebrafish IBS-like Model. <i>Pharmaceuticals</i> , 2021, 14, 1234.	3.8	0