

# 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	epg5 knockout leads to the impairment of reproductive success and courtship behaviour in a zebrafish model of autophagy-related diseases. Biomedical Journal, 2022, 45, 377-386.	3.1	4
2	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
3	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
4	Learning and visual discrimination in newly hatched zebrafish. IScience, 2022, 25, 104283.	4.1	2
5	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
6	Efficient clofilium tosylate-mediated rescue of POLG-related disease phenotypes in zebrafish. Cell Death and Disease, 2021, 12, 100.	6.3	13
7	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
8	STW 5 Herbal Preparation Modulates Wnt3a and Claudin 1 Gene Expression in Zebrafish IBS-like Model. Pharmaceuticals, 2021, 14, 1234.	3.8	0
9	Knockout of the Glucocorticoid Receptor Impairs Reproduction in Female Zebrafish. International Journal of Molecular Sciences, 2020, 21, 9073.	4.1	18
10	Zebrafish <i>ambra1a</i> and <i>ambra1b</i> Silencing Affect Heart Development. Zebrafish, 2020, 17, 163-176.	1.1	7
11	Anti-Inflammatory Activity of Exopolysaccharides from Phormidium sp. ETS05, the Most Abundant Cyanobacterium of the Therapeutic Euganean Thermal Mud, Using the Zebrafish Model. Biomolecules, 2020, 10, 582.	4.0	35
12	Glucocorticoid receptor activities in the zebrafish model: a review. Journal of Endocrinology, 2020, 247, R63-R82.	2.6	15
13	Measuring recognition memory in zebrafish larvae: issues and limitations. PeerJ, 2020, 8, e8890.	2.0	24
14	Feeding Entrainment of the Zebrafish Circadian Clock Is Regulated by the Glucocorticoid Receptor. Cells, 2019, 8, 1342.	4.1	21
15	Reversible induction of mitophagy by an optogenetic bimodular system. Nature Communications, 2019, 10, 1533.	12.8	27
16	The epg5 knockout zebrafish line: a model to study Vici syndrome. Autophagy, 2019, 15, 1438-1454.	9.1	16
17	Cloning, characterization, and molecular expression of gonadotropin receptors in European hake (Merluccius merluccius), a multiple-spawning species. Fish Physiology and Biochemistry, 2018, 44, 895-910.	2.3	6
18	Review: Evolution and diversification of corneous beta-keratins, the characteristic epidermal proteins of reptiles and birds. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2018, 330, 438-453.	1.3	48

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19	The maternal control in the embryonic development of zebrafish. <i>General and Comparative Endocrinology</i> , 2017, 245, 55-68.	1.8	30
20	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
21	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
22	Low cysteine alpha-keratins and corneous beta-proteins are initially formed in the regenerating tail epidermis of lizard. <i>Journal of Morphology</i> , 2017, 278, 119-130.	1.2	0
23	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
24	BPA-Induced Dereglulation Of Epigenetic Patterns: Effects On Female Zebrafish Reproduction. <i>Scientific Reports</i> , 2016, 6, 21982.	3.3	134
25	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
26	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
27	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
28	Intracrine sex steroid synthesis and signaling in human epidermal keratinocytes and dermal fibroblasts. <i>FASEB Journal</i> , 2015, 29, 508-524.	0.5	35
29	Zebrafish ambra1a and ambra1b Knockdown Impairs Skeletal Muscle Development. <i>PLoS ONE</i> , 2014, 9, e99210.	2.5	36
30	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
31	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
32	<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
33	Biomolecular Identification of Beta-Defensin-Like Peptides From the Skin of the Soft-Shell Turtle <i>Apalone spinifera</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2013, 320, 210-217.	1.3	13
34	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
35	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
36	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

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37	Bioinformatic and molecular characterization of beta-defensins-like peptides isolated from the green lizard <i>Anolis carolinensis</i> . <i>Developmental and Comparative Immunology</i> , 2012, 36, 222-229.	2.3	49
38	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
39	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
40	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
41	Deleterious Mutations of a Claw Keratin in Multiple Taxa of Reptiles. <i>Journal of Molecular Evolution</i> , 2011, 72, 265-273.	1.8	21
42	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
43	The knockdown of maternal glucocorticoid receptor mRNA alters embryo development in zebrafish. <i>Developmental Dynamics</i> , 2011, 240, 874-889.	1.8	70
44	Expression analysis of steroid hormone receptor mRNAs during zebrafish embryogenesis. <i>General and Comparative Endocrinology</i> , 2010, 165, 215-220.	1.8	54
45	Forty keratin-associated $\beta$ -proteins ( $\beta$ -keratins) 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
46	Isolation of a new class of cysteine-rich 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
47	Identification of the 11 $\beta$ -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
48	$\beta$ -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
49	Analysis of gene expression in gecko digital adhesive pads indicates significant production of cysteine-rich and glycine-rich beta-keratins. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009, 312B, 58-73.	1.3	49
50	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
51	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
52	Transcriptional control of human steroid sulfatase. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 115, 68-74.	2.5	24
53	Transcriptional control of human organic anion transporting polypeptide 2B1 gene. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 115, 146-152.	2.5	12
54	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

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55	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
56	Hard (Beta-)Keratins in the Epidermis of Reptiles:Â Composition, Sequence, and Molecular Organization. <i>Journal of Proteome Research</i> , 2007, 6, 3377-3392.	3.7	90
57	The Epidermis of Scales in Gecko Lizards Contains Multiple Forms of Î²-Keratins Including Basic Glycine-Proline-Serine-Rich Proteins. <i>Journal of Proteome Research</i> , 2007, 6, 1792-1805.	3.7	45
58	Cloning and characterization of scale Î²-keratins in the differentiating epidermis of geckoes show they are glycine-proline-serine-rich proteins with a central motif homologous to avian Î²-keratins. <i>Developmental Dynamics</i> , 2007, 236, 374-388.	1.8	61
59	Î²-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
60	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
61	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
62	Hard cornification in reptilian epidermis in comparison to cornification in mammalian epidermis. <i>Experimental Dermatology</i> , 2007, 16, 961-976.	2.9	47
63	Characterisation of three variants of estrogen receptor Î² mRNA in the common sole, <i>Solea solea</i> L. (Teleostei). <i>General and Comparative Endocrinology</i> , 2007, 153, 31-39.	1.8	13
64	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
65	Aldosterone and the conquest of land. <i>Journal of Endocrinological Investigation</i> , 2006, 29, 373-379.	3.3	28
66	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
67	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
68	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
69	Isolation of a mRNA encoding a glycine-proline-rich Î²-keratin expressed in the regenerating epidermis of lizard. <i>Developmental Dynamics</i> , 2005, 234, 934-947.	1.8	63
70	Genomic organization of the CYP19b genes in the rainbow trout ( <i>Oncorhynchus mykiss</i> Walbaum). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 94, 49-55.	2.5	10
71	Morphological convergence characterizes the evolution of Xanthophyceae (Heterokontophyta): evidence from nuclear SSU rDNA and plastidial rbcL genes. <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 156-170.	2.7	24
72	Thylakoid dismantling of damaged unfunctional chloroplasts modulates the Cab and RbcS gene expression in wheat leaves. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2004, 73, 159-166.	3.8	5

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73	Expression of cytochrome P450c17 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
74	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
75	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
76	<i>Pyramimonas australis</i> sp. nov. (Prasinophyceae, Chlorophyta) from Antarctica: fine structure and molecular phylogeny. <i>European Journal of Phycology</i> , 2002, 37, 103-114.	2.0	40
77	Use of random amplification to develop a PCR detection method for the causative agent of fish pasteurellosis, <i>Photobacterium damsela</i> subsp. <i>piscicida</i> (Vibrionaceae). <i>Aquaculture</i> , 2002, 207, 187-202.	3.5	14
78	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
79	Cloning of two mRNA variants of brain aromatase cytochrome P450 in rainbow trout ( <i>Oncorhynchus tshawytscha</i> ) Tj ETQq1 1 0,784314 rgBT /Overl	2.5	64
80	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
81	Hormonal steroidogenesis in liver and small intestine of the green frog, <i>Rana esculenta</i> L.. <i>Life Sciences</i> , 2001, 69, 2921-2930.	4.3	6
82	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
83	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
84	Ecological, physiological, and biomolecular surveys on microalgae from Ross Sea (Antarctica). <i>Italian Journal of Zoology</i> , 2000, 67, 147-156.	0.6	20
85	A Survey on a Persistent Greenish Bloom in the Comacchio Lagoons (Ferrara, Italy). <i>Botanica Marina</i> , 1999, 42, .	1.2	11
86	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
87	<i>Pseudopleurochloris antarcticigena</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	32
88	<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
89	Potential for Estrogen Synthesis and Action in Human Normal and Neoplastic Thyroid Tissues1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3702-3709.	3.6	44
90	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

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91	Developmentally Regulated Expression and Activity of 17 $\beta$ -Hydroxylase/C-17,20-Lyase Cytochrome P450 in Rat Liver. <i>Endocrinology</i> , 1997, 138, 3166-3174.	2.8	47
92	The polymerase chain reaction for the identification of different species of Mycobacterium. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 1997, 20, 233-239.	1.6	3
93	Developmentally Regulated Expression and Activity of 17 $\beta$ -Hydroxylase/C-17,20-Lyase Cytochrome P450 in Rat Liver. <i>Endocrinology</i> , 1997, 138, 3166-3174.	2.8	19
94	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
95	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
96	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
97	Extraglandular hormonal steroidogenesis in aged rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1992, 43, 1095-1098.	2.5	25
98	The genotoxicity of nitrilotriacetic acid (NTA) in a somatic mutation and recombination test in <i>Drosophila melanogaster</i> . <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1991, 262, 253-261.	1.1	12