

Luisa Dalla Valle

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92
papers

6,652
citations

33
h-index

81
g-index

103
ext. papers

7,543
ext. citations

4.4
avg, IF

4.85
L-index

#	Paper	IF	Citations
92	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
91	AMBRA1 links autophagy to cell proliferation and tumorigenesis by promoting c-Myc dephosphorylation and degradation. <i>Nature Cell Biology</i> , 2015 , 17, 20-30	23.4	135
90	BPA-Induced Deregulation Of Epigenetic Patterns: Effects On Female Zebrafish Reproduction. <i>Scientific Reports</i> , 2016 , 6, 21982	4.9	105
89	Phylogeny of betanodaviruses and molecular evolution of their RNA polymerase and coat proteins. <i>Molecular Phylogenetics and Evolution</i> , 2007 , 43, 298-308	4.1	87
88	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, 18419-23	11.5	86
87	Hard (Beta-)keratins in the epidermis of reptiles: composition, sequence, and molecular organization. <i>Journal of Proteome Research</i> , 2007 , 6, 3377-92	5.6	77
86	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, 560-86	2.9	75
85	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 , 314, 11-32	1.8	64
84	Isolation of a mRNA encoding a glycine-proline-rich beta-keratin expressed in the regenerating epidermis of lizard. <i>Developmental Dynamics</i> , 2005 , 234, 934-47	2.9	61
83	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	5.1	61
82	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	2.6	61
81	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, 167-79	3.3	60
80	Cloning of two mRNA variants of brain aromatase cytochrome P450 in rainbow trout (<i>Oncorhynchus mykiss</i> Walbaum). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002 , 82, 19-32	5.1	59
79	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	2.9	58
78	Cloning and characterization of scale beta-keratins in the differentiating epidermis of geckoes show they are glycine-proline-serine-rich proteins with a central motif homologous to avian beta-keratins. <i>Developmental Dynamics</i> , 2007 , 236, 374-88	2.9	58
77	The knockdown of maternal glucocorticoid receptor mRNA alters embryo development in zebrafish. <i>Developmental Dynamics</i> , 2011 , 240, 874-89	2.9	57
76	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	2.9	55

75	Myostatin expression during development and chronic stress in zebrafish (<i>Danio rerio</i>). <i>Journal of Endocrinology</i> , 2003 , 176, 47-59	4.7	51
74	Beta-keratins of differentiating epidermis of snake comprise glycine-proline-serine-rich proteins with an avian-like gene organization. <i>Developmental Dynamics</i> , 2007 , 236, 1939-53	2.9	50
73	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, 129-39	4.7	50
72	Beta-keratins of the crocodilian epidermis: composition, structure, and phylogenetic relationships. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009 , 312, 42-57	1.8	47
71	Expression analysis of steroid hormone receptor mRNAs during zebrafish embryogenesis. <i>General and Comparative Endocrinology</i> , 2010 , 165, 215-20	3	44
70	Developmentally regulated expression and activity of 17alpha-hydroxylase/C-17,20-lyase cytochrome P450 in rat liver. <i>Endocrinology</i> , 1997 , 138, 3166-74	4.8	44
69	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, 1115-25	1.8	43
68	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, 222-9	3.2	42
67	Ambra1 knockdown in zebrafish leads to incomplete development due to severe defects in organogenesis. <i>Autophagy</i> , 2013 , 9, 476-95	10.2	42
66	The epidermis of scales in gecko lizards contains multiple forms of beta-keratins including basic glycine-proline-serine-rich proteins. <i>Journal of Proteome Research</i> , 2007 , 6, 1792-805	5.6	42
65	Hard cornification in reptilian epidermis in comparison to cornification in mammalian epidermis. <i>Experimental Dermatology</i> , 2007 , 16, 961-76	4	42
64	Sequence comparison and phylogenetic analysis of fish nodaviruses based on the coat protein gene. <i>Archives of Virology</i> , 2001 , 146, 1125-37	2.6	41
63	Analysis of gene expression in gecko digital adhesive pads indicates significant production of cysteine- and glycine-rich beta-keratins. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009 , 312, 58-73	1.8	39
62	Potential for estrogen synthesis and action in human normal and neoplastic thyroid tissues. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3702-9	5.6	39
61	nr3c1 null mutant zebrafish are viable and reveal DNA-binding-independent activities of the glucocorticoid receptor. <i>Scientific Reports</i> , 2017 , 7, 4371	4.9	37
60	Occurrence of cytochrome P450c17 mRNA and dehydroepiandrosterone biosynthesis in the rat gastrointestinal tract. <i>Molecular and Cellular Endocrinology</i> , 1995 , 111, 83-92	4.4	35
59	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 , 288, 734-52		33
58	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	5.6	33

57	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	3.4	29
56	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	4.4	28
55	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	1.8	28
54	<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	2.2	28
53	Expression of cytochrome P450scc mRNA and protein in the rat kidney from birth to adulthood. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004 , 88, 79-89	5.1	27
52	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	3.2	26
51	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, 557-65	3.2	26
50	Review: Evolution and diversification of corneous beta-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	1.8	26
49	Intracrine sex steroid synthesis and signaling in human epidermal keratinocytes and dermal fibroblasts. <i>FASEB Journal</i> , 2015 , 29, 508-24	0.9	25
48	Aldosterone and the conquest of land. <i>Journal of Endocrinological Investigation</i> , 2006 , 29, 373-9	5.2	25
47	<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	2.2	25
46	Extraglandular hormonal steroidogenesis in aged rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1992 , 43, 1095-8	5.1	25
45	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	1.7	25
44	Zebrafish <i>ambra1a</i> and <i>ambra1b</i> knockdown impairs skeletal muscle development. <i>PLoS ONE</i> , 2014 , 9, e99210	3.7	24
43	Transcriptional control of human steroid sulfatase. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009 , 115, 68-74	5.1	23
42	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, 156-70	4.1	22
41	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, 377-84	5.1	22
40	The maternal control in the embryonic development of zebrafish. <i>General and Comparative Endocrinology</i> , 2017 , 245, 55-68	3	21

39	The knockdown of the maternal estrogen receptor 2a (esr2a) mRNA affects embryo transcript contents and larval development in zebrafish. <i>General and Comparative Endocrinology</i> , 2011 , 172, 120-9	3	21
38	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, 104-16	2.9	21
37	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, 356-67	2.9	19
36	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	5.1	18
35	Developmentally Regulated Expression and Activity of 17 β -Hydroxylase/C-17,20-Lyase Cytochrome P450 in Rat Liver		18
34	Deleterious mutations of a claw keratin in multiple taxa of reptiles. <i>Journal of Molecular Evolution</i> , 2011 , 72, 265-73	3.1	17
33	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, 22-9	5.1	17
32	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, 311-9	3	16
31	Occurrence of steroidogenic enzymes in the bovine mammary gland at different functional stages. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1996 , 59, 339-47	5.1	16
30	Reversible induction of mitophagy by an optogenetic bimodular system. <i>Nature Communications</i> , 2019 , 10, 1533	17.4	15
29	Ecological, physiological, and biomolecular surveys on microalgae from Ross Sea (Antarctica). <i>Italian Journal of Zoology</i> , 2000 , 67, 147-156		15
28	Detection of equine arteritis virus in semen by reverse transcriptase polymerase chain reaction-ELISA. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 1999 , 22, 187-97	2.6	14
27	Measuring recognition memory in zebrafish larvae: issues and limitations. <i>PeerJ</i> , 2020 , 8, e8890	3.1	14
26	Anti-Inflammatory Activity of Exopolysaccharides from sp. ETS05, the Most Abundant Cyanobacterium of the Therapeutic Euganean Thermal Muds, Using the Zebrafish Model. <i>Biomolecules</i> , 2020 , 10,	5.9	14
25	Feeding Entrainment of the Zebrafish Circadian Clock Is Regulated by the Glucocorticoid Receptor. <i>Cells</i> , 2019 , 8,	7.9	13
24	Biomolecular identification of beta-defensin-like peptides from the skin of the soft-shelled turtle <i>Apalone spinifera</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2013 , 320, 210-7	1.8	13
23	Ultrastructural localization of hair keratin homologs in the claw of the lizard <i>Anolis carolinensis</i> . <i>Journal of Morphology</i> , 2011 , 272, 363-70	1.6	13
22	Characterisation of three variants of estrogen receptor beta mRNA in the common sole, <i>Solea solea</i> L. (Teleostei). <i>General and Comparative Endocrinology</i> , 2007 , 153, 31-9	3	13

21	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	4.4	12
20	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		11
19	Transcriptional control of human organic anion transporting polypeptide 2B1 gene. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009 , 115, 146-52	5.1	11
18	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, 253-61		11
17	The knockout zebrafish line: a model to study Vici syndrome. <i>Autophagy</i> , 2019 , 15, 1438-1454	10.2	11
16	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	5.1	10
15	A Survey on a Persistent Greenish Bloom in the Comacchio Lagoons (Ferrara, Italy). <i>Botanica Marina</i> , 1999 , 42,	1.8	9
14	Cloning, characterization, and molecular expression of gonadotropin receptors in European hake (<i>Merluccius merluccius</i>), a multiple-spawning species. <i>Fish Physiology and Biochemistry</i> , 2018 , 44, 895-910	2.7	5
13	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	4.1	5
12	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. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2013 , 320, 428-41	1.8	5
11	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, 159-66	6.7	5
10	Knockout of the Glucocorticoid Receptor Impairs Reproduction in Female Zebrafish. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
9	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, 514-8	2.3	4
8	Hormonal steroidogenesis in liver and small intestine of the green frog, <i>Rana esculenta</i> L. <i>Life Sciences</i> , 2001 , 69, 2921-30	6.8	4
7	Gene expression in regenerating and scarring tails of lizard evidences three main key genes (<i>wnt2b</i> , <i>egfl6</i> , and <i>arhgap28</i>) activated during the regulated process of tail regeneration. <i>Protoplasma</i> , 2021 , 258, 3-17	3.4	4
6	Efficient clofilium tosylate-mediated rescue of POLG-related disease phenotypes in zebrafish. <i>Cell Death and Disease</i> , 2021 , 12, 100	9.8	4
5	Zebrafish and Silencing Affect Heart Development. <i>Zebrafish</i> , 2020 ,	2	3
4	Glucocorticoid receptor activities in the zebrafish model: a review. <i>Journal of Endocrinology</i> , 2020 , 247, R63-R82	4.7	3

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| 3 | The polymerase chain reaction for the identification of different species of Mycobacterium. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 1997 , 20, 233-9 | 2.6 | 2 |
| 2 | Learning and visual discrimination in newly hatched zebrafish.. <i>iScience</i> , 2022 , 25, 104283 | 6.1 | 0 |
| 1 | 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 | 1.6 | |