

# Maria Leonor Cancela

## List of Publications by Year in descending order

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196  
papers

4,549  
citations

101496

36  
h-index

161767

54  
g-index

202  
all docs

202  
docs citations

202  
times ranked

5031  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differentiated skeletal cells contribute to blastema formation during zebrafish fin regeneration. <i>Development (Cambridge)</i> , 2011, 138, 3897-3905.	1.2	133
2	Increasing genomic information in bivalves through new EST collections in four species: Development of new genetic markers for environmental studies and genome evolution. <i>Gene</i> , 2008, 408, 27-36.	1.0	132
3	Osteological development and abnormalities of the vertebral column and caudal skeleton in larval and juvenile stages of hatchery-reared Senegal sole ( <i>Solea senegalensis</i> ). <i>Aquaculture</i> , 2002, 211, 305-323.	1.7	129
4	Phox2b function in the enteric nervous system is conserved in zebrafish and is sox10-dependent. <i>Mechanisms of Development</i> , 2005, 122, 659-669.	1.7	126
5	Transcriptome sequencing and microarray development for the Manila clam, <i>Ruditapes philippinarum</i> : genomic tools for environmental monitoring. <i>BMC Genomics</i> , 2011, 12, 234.	1.2	120
6	Nutrient Limitation is the Main Regulatory Factor for Carotenoid Accumulation and for Psy and Pds Steady State Transcript Levels in <i>Dunaliella salina</i> (Chlorophyta) Exposed to High Light and Salt Stress. <i>Marine Biotechnology</i> , 2008, 10, 602-11.	1.1	110
7	Revisiting in vivo staining with alizarin red S - a valuable approach to analyse zebrafish skeletal mineralization during development and regeneration. <i>BMC Developmental Biology</i> , 2016, 16, 2.	2.1	99
8	Gla-rich Protein (GRP), A New Vitamin K-dependent Protein Identified from Sturgeon Cartilage and Highly Conserved in Vertebrates. <i>Journal of Biological Chemistry</i> , 2008, 283, 36655-36664.	1.6	96
9	Development of two bone-derived cell lines from the marine teleost <i>Sparus aurata</i> ; evidence for extracellular matrix mineralization and cell-type-specific expression of matrix Gla protein and osteocalcin. <i>Cell and Tissue Research</i> , 2004, 315, 393-406.	1.5	88
10	Distinct patterns of notochord mineralization in zebrafish coincide with the localization of Osteocalcin isoform 1 during early vertebral centra formation. <i>BMC Developmental Biology</i> , 2012, 12, 28.	2.1	86
11	Osteocalcin and matrix Gla protein in zebrafish ( <i>Danio rerio</i> ) and Senegal sole ( <i>Solea senegalensis</i> ): Comparative gene and protein expression during larval development through adulthood. <i>Gene Expression Patterns</i> , 2006, 6, 637-652.	0.3	84
12	Endogenous Calcification Inhibitors in the Prevention of Vascular Calcification: A Consensus Statement From the COST Action EuroSoftCalcNet. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 196.	1.1	82
13	Gla-Rich Protein Is a Novel Vitamin K-Dependent Protein Present in Serum That Accumulates at Sites of Pathological Calcifications. <i>American Journal of Pathology</i> , 2009, 175, 2288-2298.	1.9	80
14	The Essentials of Marine Biotechnology. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	75
15	Detection of Mineralized Structures in Early Stages of Development of Marine <i>Teleostei</i> Using a Modified Alcian Blue-Alizarin Red Double Staining Technique for Bone and Cartilage. <i>Biotechnic and Histochemistry</i> , 2000, 75, 79-84.	0.7	67
16	An alternative method for delivering exogenous material into developing zebrafish embryos. <i>Biotechnology and Bioengineering</i> , 2007, 98, 1230-1241.	1.7	64
17	ZNF687 Mutations in Severe Paget Disease of Bone Associated with Giant Cell Tumor. <i>American Journal of Human Genetics</i> , 2016, 98, 275-286.	2.6	61
18	Oligopeptide transporter PepT1 in Atlantic cod ( <i>Gadus morhua</i> ): cloning, tissue expression and comparative aspects. <i>Journal of Experimental Biology</i> , 2007, 210, 3883-3896.	0.8	58

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19	Vestiges, rudiments and fusion events: the zebrafish caudal fin endoskeleton in an evo&#x2013;devo perspective. <i>Evolution &amp; Development</i> , 2012, 14, 116-127.	1.1	54
20	Marine green macroalgae: a source of natural compounds with mineralogenic and antioxidant activities. <i>Journal of Applied Phycology</i> , 2017, 29, 575-584.	1.5	50
21	Identification of a novel negative retinoic acid responsive element in the promoter of the human matrix Gla protein gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 2227-2232.	3.3	49
22	Cloning of the bone Gla protein gene from the teleost fish <i>Sparus aurata</i> . Evidence for overall conservation in gene organization and bone-specific expression from fish to man. <i>Gene</i> , 2001, 270, 77-91.	1.0	49
23	Comparing skeletal development of wild and hatchery-reared Senegalese sole ( <i>Solea</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50 40, 1585-1593.	0.9	49
24	Effect of egg incubation temperature on the occurrence of skeletal deformities in <i>Solea senegalensis</i> . <i>Journal of Applied Ichthyology</i> , 2012, 28, 471-476.	0.3	48
25	<i>Perkinsus</i> sp. infestation in carpet-shell clams, <i>Ruditapes decussatus</i> (L), along the Portuguese coast. Results from a 2-year survey. <i>Aquaculture</i> , 2004, 240, 39-53.	1.7	47
26	Fish: a suitable system to model human bone disorders and discover drugs with osteogenic or osteotoxic activities. <i>Drug Discovery Today: Disease Models</i> , 2014, 13, 29-37.	1.2	46
27	Iron overload in a murine model of hereditary hemochromatosis is associated with accelerated progression of osteoarthritis under mechanical stress. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 494-502.	0.6	44
28	Purification of Matrix Gla Protein From a Marine Teleost Fish, <i>Argyrosomus regius</i> : Calcified Cartilage and Not Bone as the Primary Site of MGP Accumulation in Fish. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 244-259.	3.1	41
29	Fish as a model to assess chemical toxicity in bone. <i>Aquatic Toxicology</i> , 2018, 194, 208-226.	1.9	41
30	Identification of <i>Sparus aurata</i> bone morphogenetic protein 2: Molecular cloning, gene expression and in silico analysis of protein conserved features in vertebrates. <i>Bone</i> , 2006, 39, 1373-1381.	1.4	40
31	Development of an In Vitro Clonal Culture and Characterization of the rRNA Gene Cluster of <i>Perkinsus atlanticus</i> , a Protistan Parasite of the Clam <i>Tapes decussatus</i> . <i>Journal of Eukaryotic Microbiology</i> , 2002, 49, 414-422.	0.8	39
32	The antifreeze protein type I (AFP I) increases seabream ( <i>Sparus aurata</i> ) embryos tolerance to low temperatures. <i>Theriogenology</i> , 2007, 68, 284-289.	0.9	39
33	Gla-Rich Protein, a New Player in Tissue Calcification?. <i>Advances in Nutrition</i> , 2012, 3, 174-181.	2.9	39
34	mRNA-Seq and microarray development for the Grooved carpet shell clam, <i>Ruditapes decussatus</i> : a functional approach to unravel host-parasite interaction. <i>BMC Genomics</i> , 2013, 14, 741.	1.2	39
35	Warfarin, a potential pollutant in aquatic environment acting through Pxr signaling pathway and $\beta$ -glutamyl carboxylation of vitamin K-dependent proteins. <i>Environmental Pollution</i> , 2014, 194, 86-95.	3.7	39
36	Matrix Gla protein and osteocalcin: From gene duplication to neofunctionalization. <i>Archives of Biochemistry and Biophysics</i> , 2014, 561, 56-63.	1.4	38

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37	Alternatively spliced transcripts of Sparus aurata insulin-like growth factor 1 are differentially expressed in adult tissues and during early development. General and Comparative Endocrinology, 2008, 157, 107-115.	0.8	37
38	Isolation and characterization of polymorphic microsatellite markers in Abudedefduf luridus (Pisces: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	36
39	Matrix Gla protein gene expression and protein accumulation colocalize with cartilage distribution during development of the teleost fish Sparus aurata. Bone, 2003, 32, 201-210.	1.4	36
40	Evolution of Matrix and Bone $\hat{3}$ -Carboxyglutamic Acid Proteins in Vertebrates. Journal of Biological Chemistry, 2005, 280, 26659-26668.	1.6	36
41	The zebrafish operculum: A powerful system to assess osteogenic bioactivities of molecules with pharmacological and toxicological relevance. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 197, 45-52.	1.3	35
42	Quantitative assessment of the regenerative and mineralogenic performances of the zebrafish caudal fin. Scientific Reports, 2016, 6, 39191.	1.6	34
43	MiR-29a is an enhancer of mineral deposition in bone-derived systems. Archives of Biochemistry and Biophysics, 2014, 564, 173-183.	1.4	33
44	Comparative analysis of zebrafish bone morphogenetic proteins 2, 4 and 16: molecular and evolutionary perspectives. Cellular and Molecular Life Sciences, 2016, 73, 841-857.	2.4	33
45	Multiple Paternity in Norway Lobster ( Nephrops norvegicus L.) Assessed with Microsatellite Markers. Marine Biotechnology, 2004, 6, 60-66.	1.1	31
46	Mir-20a regulates in vitro mineralization and BMP signaling pathway by targeting BMP-2 transcript in fish. Archives of Biochemistry and Biophysics, 2014, 543, 23-30.	1.4	31
47	Effect of cell density and growth factors on matrix GLA protein expression by normal rat kidney cells. Journal of Cellular Physiology, 1997, 171, 125-134.	2.0	30
48	Dietary Supplementation with Vitamin K Affects Transcriptome and Proteome of Senegalese Sole, Improving Larval Performance and Quality. Marine Biotechnology, 2014, 16, 522-537.	1.1	30
49	Evidences for a New Role of miR-214 in Chondrogenesis. Scientific Reports, 2018, 8, 3704.	1.6	30
50	The zebrafish (<i>Danio rerio</i>) caudal complex - a model to study vertebral body fusion. Journal of Applied Ichthyology, 2010, 26, 235-238.	0.3	29
51	Establishment of primary cell cultures from fish calcified tissues. Cytotechnology, 2007, 55, 9-13.	0.7	28
52	1 $\hat{2}$ ,25 (OH) $\hat{2}$ vitamin D3: A steroid hormone capable of producing pleiotropic receptor-mediated biological responses by both genomic and nongenomic mechanisms. The Journal of Steroid Biochemistry, 1988, 30, 33-39.	1.3	27
53	Matrix Gla protein repression by miR $\hat{1}$ 55 promotes oncogenic signals in breast cancer MCF $\hat{7}$ cells. FEBS Letters, 2016, 590, 1234-1241.	1.3	27
54	Impairment of mineralization by metavanadate and decavanadate solutions in a fish bone-derived cell line. Cell Biology and Toxicology, 2008, 24, 253-263.	2.4	26

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55	Genetic study of <i>Coris julis</i> (Osteichthyes, Perciformes, Labridae) evolutionary history and dispersal abilities. <i>Comptes Rendus - Biologies</i> , 2003, 326, 771-785.	0.1	25
56	Structural Evidence of a Fourth Gla Residue in Fish Osteocalcin: Biological Implications. <i>Biochemistry</i> , 2005, 44, 1234-1242.	1.2	25
57	Vanadate proliferative and anti-mineralogenic effects are mediated by MAPK and PI3K/Ras/Erk pathways in a fish chondrocyte cell line. <i>FEBS Letters</i> , 2008, 582, 1381-1385.	1.3	25
58	Gilthead sea bream ( <i>Sparus auratus</i> ) and European sea bass ( <i>Dicentrarchus labrax</i> ) expressed sequence tags: Characterization, tissue-specific expression and gene markers. <i>Marine Genomics</i> , 2010, 3, 179-191.	0.4	25
59	Assessment of nutritional supplementation in phospholipids on the reproductive performance of zebrafish, <i>Danio rerio</i> (Hamilton, 1822). <i>Journal of Applied Ichthyology</i> , 2015, 31, 3-9.	0.3	24
60	Cardiomyocyte H9c2 cells present a valuable alternative to fish lethal testing for azoxystrobin. <i>Environmental Pollution</i> , 2015, 206, 619-626.	3.7	24
61	Intracellular iron uptake is favored in <i>Hfe</i> KO mouse primary chondrocytes mimicking an osteoarthritis-related phenotype. <i>BioFactors</i> , 2019, 45, 583-597.	2.6	24
62	Identification of an osteopontin-like protein in fish associated with mineral formation. <i>FEBS Journal</i> , 2007, 274, 4428-4439.	2.2	23
63	Osteology of the axial and appendicular skeletons of the meagre <i>Argyrosomus regius</i> (Sciaenidae) and early skeletal development at two rearing facilities. <i>Journal of Applied Ichthyology</i> , 2012, 28, 464-470.	0.3	22
64	Multibiomarker response shows how native and non-native freshwater bivalves differentially cope with heatwave events. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 934-943.	0.9	22
65	A New Network for the Advancement of Marine Biotechnology in Europe and Beyond. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	22
66	Amino acid sequence of bone Gla protein from the African clawed toad <i>Xenopus laevis</i> and the fish <i>Sparus aurata</i> <sup>1</sup> . <i>International Journal of Peptide and Protein Research</i> , 1995, 46, 419-423.	0.1	21
67	New insights into mineralogenic effects of vanadate. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3831-3836.	2.4	21
68	Spatiotemporal expression and retinoic acid regulation of bone morphogenetic proteins 2, 4 and 16 in Senegalese sole. <i>Journal of Applied Ichthyology</i> , 2014, 30, 713-720.	0.3	21
69	An electrical method to measure low-frequency collective and synchronized cell activity using extracellular electrodes. <i>Sensing and Bio-Sensing Research</i> , 2016, 10, 1-8.	2.2	21
70	Suppression subtractive hybridization for studying gene expression during aerial exposure and desiccation in fucoid algae. <i>European Journal of Phycology</i> , 2001, 36, 359-366.	0.9	20
71	Characterization of <i>Sparus aurata</i> osteonectin cDNA and in silico analysis of protein conserved features: Evidence for more than one osteonectin in Salmonidae. <i>Biochimie</i> , 2005, 87, 411-420.	1.3	20
72	Identification of a Promoter Element within the Zebrafish <i>colX1</i> Gene Responsive to Runx2 Isoforms <i>Osf2/Cbfa1</i> and <i>til-1</i> but not to <i>pepb2A2</i> . <i>Calcified Tissue International</i> , 2006, 79, 230-244.	1.5	20

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73	Genetic association study of UCMA/GRP and OPTN genes (PDB6 locus) with Paget's disease of bone. <i>Bone</i> , 2012, 51, 720-728.	1.4	20
74	Iron-enriched diet contributes to early onset of osteoporotic phenotype in a mouse model of hereditary hemochromatosis. <i>PLoS ONE</i> , 2018, 13, e0207441.	1.1	20
75	Isolation and characterization of polymorphic microsatellite markers in Eurasian vulture <i>Gyps fulvus</i> . <i>Molecular Ecology Notes</i> , 2002, 2, 557-558.	1.7	19
76	Shikimate and folate pathways in the protozoan parasite, <i>Perkinsus olseni</i> . <i>Molecular and Biochemical Parasitology</i> , 2005, 142, 106-109.	0.5	19
77	Polyunsaturated fatty acids regulate cell proliferation, extracellular matrix mineralization and gene expression in a gilthead seabream skeletal cell line. <i>Journal of Applied Ichthyology</i> , 2012, 28, 427-432.	0.3	19
78	Characterization of Osteocalcin (BGP) and Matrix Gla Protein (MGP) Fish Specific Antibodies: Validation for Immunodetection Studies in Lower Vertebrates. <i>Calcified Tissue International</i> , 2004, 74, 170-180.	1.5	18
79	Development of a PCR-ELISA assay for diagnosis of <i>Perkinsus marinus</i> and <i>Perkinsus atlanticus</i> infections in bivalve molluscs. <i>Molecular and Cellular Probes</i> , 2004, 18, 89-96.	0.9	18
80	Effect of antiprotozoal drugs on the proliferation of the bivalve parasite <i>Perkinsus olseni</i> . <i>Aquaculture</i> , 2005, 243, 9-17.	1.7	18
81	Identification of an Osteocalcin Isoform in Fish with a Large Acidic Prodomain*. <i>Journal of Biological Chemistry</i> , 2006, 281, 15037-15043.	1.6	18
82	Proliferative and mineralogenic effects of insulin, IGF-1, and vanadate in fish osteoblast-like cells. <i>Journal of Bone and Mineral Metabolism</i> , 2011, 29, 377-382.	1.3	18
83	Development of an <i>In Vitro</i> Cell System from Zebrafish Suitable to Study Bone Cell Differentiation and Extracellular Matrix Mineralization. <i>Zebrafish</i> , 2013, 10, 500-509.	0.5	18
84	Evidence for the conservation of miR-223 in zebrafish ( <i>Danio rerio</i> ): Implications for function. <i>Gene</i> , 2015, 566, 54-62.	1.0	18
85	Circulating small non-coding RNAs provide new insights into vitamin K nutrition and reproductive physiology in teleost fish. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 39-51.	1.1	18
86	Evaluation of MGP gene expression in colorectal cancer. <i>Gene</i> , 2020, 723, 144120.	1.0	18
87	Effect of desferrioxamine and 2,2'-bipyridyl on the proliferation of <i>Perkinsus atlanticus</i> . <i>New Biotechnology</i> , 2003, 20, 349-354.	2.7	17
88	Cloning of matrix Gla protein in a marine cartilaginous fish, <i>Prionace glauca</i> : preferential protein accumulation in skeletal and vascular systems. <i>Histochemistry and Cell Biology</i> , 2006, 126, 89-101.	0.8	17
89	Fish bone-derived cell lines: an alternative <i>in vitro</i> cell system to study bone biology. <i>Journal of Applied Ichthyology</i> , 2010, 26, 230-234.	0.3	17
90	Identification of a new cartilage-specific S100-like protein up-regulated during endo/perichondral mineralization in gilthead seabream. <i>Gene Expression Patterns</i> , 2011, 11, 448-455.	0.3	17

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91	Zebrafish vitamin K epoxide reductases: expression in vivo, along extracellular matrix mineralization and under phyloquinone and warfarin in vitro exposure. <i>Fish Physiology and Biochemistry</i> , 2015, 41, 745-759.	0.9	17
92	Effect of genetic variants of OPTN in the pathophysiology of Paget's disease of bone. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 143-151.	1.8	17
93	Musculoskeletal complications associated with pathological iron toxicity and its molecular mechanisms. <i>Biochemical Society Transactions</i> , 2021, 49, 747-759.	1.6	17
94	Identification of a New pebp2±A2 Isoform From Zebrafishrunx2Capable of Inducing Osteocalcin Gene Expression In Vitro. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1440-1453.	3.1	16
95	Retinoic acid is a negative regulator of matrix Gla protein gene expression in teleost fish <i>Sparus aurata</i> . <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2008, 1779, 28-39.	0.9	16
96	Lordotic-kyphotic vertebrae develop ectopic cartilage-like tissue in Senegalese sole ( <i>Solea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td	0.3	16
97	Retinoic acid differentially affects in vitro proliferation, differentiation and mineralization of two fish bone-derived cell lines: Different gene expression of nuclear receptors and ECM proteins. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 140, 34-43.	1.2	16
98	Warfarin-exposed zebrafish embryos resembles human warfarin embryopathy in a dose and developmental-time dependent manner “ From molecular mechanisms to environmental concerns. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 559-571.	2.9	16
99	Effects of pristine or contaminated polyethylene microplastics on zebrafish development. <i>Chemosphere</i> , 2022, 303, 135198.	4.2	16
100	Cloning and characterization of the cDNA and gene encoding <i>Xenopus laevis</i> osteocalcin. <i>Gene</i> , 2002, 289, 97-107.	1.0	15
101	Enhanced DNA Transfer Into Fish Bone Cells Using Polyethylenimine. <i>Molecular Biotechnology</i> , 2006, 34, 51-54.	1.3	15
102	An Oxygen Molecular Sensor, the HIF Prolyl 4-Hydroxylase, in the Marine Protist <i>Perkinsus olseni</i> . <i>Protist</i> , 2008, 159, 355-368.	0.6	15
103	ZFBONE: An ImageJ toolset for semi-automatic analysis of zebrafish bone structures. <i>Bone</i> , 2020, 138, 115480.	1.4	15
104	Osteocalcin and matrix GLA protein in developing teleost teeth: identification of sites of mRNA and protein accumulation at single cell resolution. <i>Histochemistry and Cell Biology</i> , 2005, 124, 123-130.	0.8	14
105	Effect of the Herbicide Roundup® on <i>Perkinsus olseni</i> in vitro Proliferation and in vivo Survival when Infecting a Permissive Host, the Clam <i>Ruditapes decussatus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 80, 512-515.	1.3	14
106	Improved regeneration and de novo bone formation in a diabetic zebrafish model treated with paricalcitol and cinacalcet. <i>Wound Repair and Regeneration</i> , 2017, 25, 432-442.	1.5	14
107	Fish Models of Induced Osteoporosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 672424.	1.8	14
108	Global analysis of gene expression in mineralizing fish vertebra-derived cell lines: new insights into anti-mineralogenic effect of vanadate. <i>BMC Genomics</i> , 2011, 12, 310.	1.2	13

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109	The role of calcium concentration in the invasive capacity of <i>Corbicula fluminea</i> in crystalline basins. <i>Science of the Total Environment</i> , 2017, 580, 1363-1370.	3.9	13
110	The xenobiotic sensor PXR in a marine flatfish species ( <i>Solea senegalensis</i> ): Gene expression patterns and its regulation under different physiological conditions. <i>Marine Environmental Research</i> , 2017, 130, 187-199.	1.1	13
111	Anti-Osteogenic Activity of Cadmium in Zebrafish. <i>Fishes</i> , 2019, 4, 11.	0.7	13
112	Cholecalciferol sulfate identification in human milk by HPLC. <i>Steroids</i> , 1982, 39, 391-398.	0.8	12
113	Molecular characterization of two paralog genes encoding Gla-rich protein (Grp) in zebrafish. <i>Journal of Applied Ichthyology</i> , 2012, 28, 377-381.	0.3	12
114	Peroxides with antiplasmodial activity inhibit proliferation of <i>Perkinsus olseni</i> , the causative agent of Perkinsosis in bivalves. <i>Parasitology International</i> , 2013, 62, 575-582.	0.6	12
115	Red algal extracts from <i>Plocamium lyngbyanum</i> and <i>Ceramium secundatum</i> stimulate osteogenic activities in vitro and bone growth in zebrafish larvae. <i>Scientific Reports</i> , 2018, 8, 7725.	1.6	12
116	Osteotoxicity of 3-methylcholanthrene in fish. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 721-728.	2.9	12
117	ESSA1 embryonic stem like cells from gilthead seabream: A new tool to study mesenchymal cell lineage differentiation in fish. <i>Differentiation</i> , 2012, 84, 240-251.	1.0	11
118	Large-scale population genetic structure in Bonelli's Eagle <i>Aquila fasciata</i> . <i>Ibis</i> , 2013, 155, 485-498.	1.0	11
119	Screening for osteogenic activity in extracts from Irish marine organisms: The potential of <i>Ceramium pallidum</i> . <i>PLoS ONE</i> , 2018, 13, e0207303.	1.1	11
120	Altered bone microarchitecture in a type 1 diabetes mouse model <i>Ins2<sup>Akita</sup></i> . <i>Journal of Cellular Physiology</i> , 2019, 234, 9338-9350.	2.0	11
121	Keutel Syndrome, a Review of 50 Years of Literature. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 642136.	1.8	11
122	A revision of the status of <i>Lepadogaster lepadogaster</i> (Teleostei: Gobiesocidae): sympatric subspecies or a long misunderstood blend of species?. <i>Biological Journal of the Linnean Society</i> , 2002, 76, 327-338.	0.7	11
123	Antioxidant and Anti-inflammatory Extracts From Sea Cucumbers and Tunicates Induce a Pro-osteogenic Effect in Zebrafish Larvae. <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	11
124	Molecular cloning of the Matrix Gla Protein gene from <i>Xenopus laevis</i> . <i>FEBS Journal</i> , 2002, 269, 1947-1956.	0.2	10
125	Changes in Bioturbation of Iron Biogeochemistry and in Molecular Response of the Clam <i>Ruditapes decussatus</i> upon <i>Perkinsus olseni</i> Infection. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 59, 433-443.	2.1	10
126	Sturgeon Osteocalcin Shares Structural Features with Matrix Gla Protein. <i>Journal of Biological Chemistry</i> , 2013, 288, 27801-27811.	1.6	10



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127	Microanatomical characterization of vertebral curvatures in Senegalese sole <i>Solea senegalensis</i> . <i>Journal of Fish Biology</i> , 2015, 86, 1796-1810.	0.7	10
128	Molecular effect of an OPTN common variant associated to Paget's disease of bone. <i>PLoS ONE</i> , 2018, 13, e0197543.	1.1	10
129	Isolation and characterization of microsatellite markers in Bonelli's eagle ( <i>Hieraetus fasciatus</i> ). <i>Molecular Ecology Notes</i> , 2005, 5, 493-495.	1.7	9
130	Serum-specific stimulation of proliferation and mineralization of fish bone-derived cells. <i>Journal of Applied Ichthyology</i> , 2010, 26, 251-256.	0.3	9
131	Dual transcriptional regulation by runx2 of matrix Gla protein in <i>Xenopus laevis</i> . <i>Gene</i> , 2010, 450, 94-102.	1.0	9
132	Effect of C282Y Genotype on Self-Reported Musculoskeletal Complications in Hereditary Hemochromatosis. <i>PLoS ONE</i> , 2015, 10, e0122817.	1.1	9
133	Exogenous WNT5A and WNT11 proteins rescue CITED2 dysfunction in mouse embryonic stem cells and zebrafish morphants. <i>Cell Death and Disease</i> , 2019, 10, 582.	2.7	9
134	Molecular insights into the taxonomic status of <i>Coris atlantica</i> (Pisces: Labridae). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2000, 80, 929-933.	0.4	8
135	Identification of alternative promoter usage for the matrix Gla protein gene. <i>FEBS Journal</i> , 2005, 272, 1501-1510.	2.2	8
136	Matrix Gla protein in turbot ( <i>Scophthalmus maximus</i> ): Gene expression analysis and identification of sites of protein accumulation. <i>Aquaculture</i> , 2009, 294, 202-211.	1.7	8
137	Molecular cloning and expression analysis of xpd from zebrafish ( <i>Danio rerio</i> ). <i>Molecular Biology Reports</i> , 2012, 39, 5339-5348.	1.0	8
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