

Cecília R A Santos

List of Publications by Year in descending order

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65
papers

2,072
citations

201575

27
h-index

254106

43
g-index

66
all docs

66
docs citations

66
times ranked

2548
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of the Thyroid Hormone-Binding Protein, Transthyretin. <i>General and Comparative Endocrinology</i> , 2000, 119, 241-255.	0.8	182
2	STEAP Proteins: From Structure to Applications in Cancer Therapy. <i>Molecular Cancer Research</i> , 2012, 10, 573-587.	1.5	146
3	The effect of food deprivation and refeeding on the liver, thyroid hormones and transthyretin in sea bream. <i>Journal of Fish Biology</i> , 2000, 56, 374-387.	0.7	97
4	High Resolution Crystal Structures of Piscine Transthyretin Reveal Different Binding Modes for Triiodothyronine and Thyroxine. <i>Journal of Biological Chemistry</i> , 2004, 279, 26411-26416.	1.6	81
5	Cloning, Characterization, and Tissue Distribution of Prolactin Receptor in the Sea Bream (<i>Sparus</i>) Tj ETQq1 1 0.784314 rgBT/Overlo	0.8	80
6	The choroid plexus in health and in disease: dialogues into and out of the brain. <i>Neurobiology of Disease</i> , 2017, 107, 32-40.	2.1	77
7	Regulation of transthyretin by thyroid hormones in fish. <i>General and Comparative Endocrinology</i> , 2007, 152, 189-197.	0.8	66
8	Transthyretin is up-regulated by sex hormones in mice liver. <i>Molecular and Cellular Biochemistry</i> , 2008, 317, 137-142.	1.4	57
9	Cloning, Expression, and Tissue Localisation of Prolactin in Adult Sea Bream (<i>Sparus aurata</i>). <i>General and Comparative Endocrinology</i> , 1999, 114, 57-66.	0.8	51
10	Isolation of a novel aquaglyceroporin from a marine teleost (<i>Sparus auratus</i>): function and tissue distribution. <i>Journal of Experimental Biology</i> , 2004, 207, 1217-1227.	0.8	50
11	STEAP1 is overexpressed in prostate cancer and prostatic intraepithelial neoplasia lesions, and it is positively associated with Gleason score. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 53.e23-53.e29.	0.8	48
12	Regucalcin is underexpressed in human breast and prostate cancers: Effect of sex steroid hormones. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 667-676.	1.2	47
13	Quantification of Prolactin (PRL) and PRL Receptor Messenger RNA in Gilthead Seabream (<i>Sparus</i>) Tj ETQq1 1 0.784314 rgBT/Overlo	1.2	44
14	17 β -Estradiol Induces Transthyretin Expression in Murine Choroid Plexus via an Oestrogen Receptor Dependent Pathway. <i>Cellular and Molecular Neurobiology</i> , 2009, 29, 475-483.	1.7	41
15	Neuroprotective and neuroregenerative properties of metallothioneins. <i>IUBMB Life</i> , 2012, 64, 126-135.	1.5	41
16	Thyroid Hormones in the Brain and Their Impact in Recovery Mechanisms After Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 1103.	1.1	41
17	The Crosstalk between Melatonin and Sex Steroid Hormones. <i>Neuroendocrinology</i> , 2022, 112, 115-129.	1.2	41
18	Gender associated circadian oscillations of the clock genes in rat choroid plexus. <i>Brain Structure and Function</i> , 2015, 220, 1251-1262.	1.2	40

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19	The choroid plexus as a sex hormone target: Functional implications. <i>Frontiers in Neuroendocrinology</i> , 2017, 44, 103-121.	2.5	40
20	The Sex Bias of Cancer. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 785-799.	3.1	38
21	STEAP1 is over-expressed in breast cancer and down-regulated by 17 β -estradiol in MCF-7 cells and in the rat mammary gland. <i>Endocrine</i> , 2008, 34, 108-116.	1.1	36
22	Transthyretin Interacts with Metallothionein 2. <i>Biochemistry</i> , 2008, 47, 2244-2251.	1.2	34
23	Stress and Glucocorticoids Increase Transthyretin Expression in Rat Choroid Plexus via Mineralocorticoid and Glucocorticoid Receptors. <i>Journal of Molecular Neuroscience</i> , 2012, 48, 1-13.	1.1	34
24	Analysis of the Effects of Sex Hormone Background on the Rat Choroid Plexus Transcriptome by cDNA Microarrays. <i>PLoS ONE</i> , 2013, 8, e60199.	1.1	34
25	Cloning and Sequencing of a Full-Length Sea Bream (<i>Sparus aurata</i>) β -Actin cDNA. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1997, 117, 185-189.	0.7	33
26	“Tasting” the cerebrospinal fluid: Another function of the choroid plexus?. <i>Neuroscience</i> , 2016, 320, 160-171.	1.1	32
27	Sex Hormone Decline and Amyloid β Synthesis, Transport and Clearance in the Brain. <i>Journal of Neuroendocrinology</i> , 2016, 28, .	1.2	31
28	Choroid plexus is an additional source of melatonin in the brain. <i>Journal of Pineal Research</i> , 2018, 65, e12528.	3.4	30
29	5 α -dihydrotestosterone up-regulates transthyretin levels in mice and rat choroid plexus via an androgen receptor independent pathway. <i>Brain Research</i> , 2008, 1229, 18-26.	1.1	28
30	The choroid plexus harbors a circadian oscillator modulated by estrogens. <i>Chronobiology International</i> , 2018, 35, 270-279.	0.9	28
31	Human metallothioneins 2 and 3 differentially affect amyloid β binding by transthyretin. <i>FEBS Journal</i> , 2010, 277, 3427-3436.	2.2	25
32	Regucalcin is expressed in rat mammary gland and prostate and down-regulated by 17 β -estradiol. <i>Molecular and Cellular Biochemistry</i> , 2008, 311, 81-86.	1.4	22
33	Six transmembrane epithelial antigen of the prostate 1 is down-regulated by sex hormones in prostate cells. <i>Prostate</i> , 2013, 73, 605-613.	1.2	21
34	Expression of STEAP1 and STEAP1B in prostate cell lines, and the putative regulation of STEAP1 by post-transcriptional and post-translational mechanisms. <i>Genes and Cancer</i> , 2014, 5, 142-151.	0.6	21
35	Developmental ontogeny of prolactin and prolactin receptor in the sea bream (<i>Sparus aurata</i>). <i>General and Comparative Endocrinology</i> , 2003, 132, 304-314.	0.8	20
36	Androgen Receptor is Expressed in Murine Choroid Plexus and Downregulated by 5 α -Dihydrotestosterone in Male and Female Mice. <i>Journal of Molecular Neuroscience</i> , 2009, 38, 41-49.	1.1	20

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37	The Rhythmicity of Clock Genes is Disrupted in the Choroid Plexus of the APP/PS1 Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 795-806.	1.2	20
38	Progesterone Enhances Transthyretin Expression in the Rat Choroid Plexus In Vitro and In Vivo via Progesterone Receptor. <i>Journal of Molecular Neuroscience</i> , 2011, 44, 152-158.	1.1	19
39	Smelling the cerebrospinal fluid: olfactory signaling molecules are expressed in and mediate chemosensory signaling from the choroid plexus. <i>FEBS Journal</i> , 2016, 283, 1748-1766.	2.2	19
40	The bitter taste receptor TAS2R14 regulates resveratrol transport across the human blood-cerebrospinal fluid barrier. <i>Biochemical Pharmacology</i> , 2020, 177, 113953.	2.0	18
41	The role of circadian rhythm in choroid plexus functions. <i>Progress in Neurobiology</i> , 2021, 205, 102129.	2.8	18
42	The senses of the choroid plexus. <i>Progress in Neurobiology</i> , 2019, 182, 101680.	2.8	17
43	Age, Sex Hormones, and Circadian Rhythm Regulate the Expression of Amyloid-Beta Scavengers at the Choroid Plexus. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6813.	1.8	16
44	New amino and acetamido monomethine cyanine dyes for the detection of DNA in agarose gels. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5537-5542.	1.4	15
45	Glucocorticoids regulate metallothionein-1/2 expression in rat choroid plexus: effects on apoptosis. <i>Molecular and Cellular Biochemistry</i> , 2013, 376, 41-51.	1.4	15
46	Sex-Related Differences in Rat Choroid Plexus and Cerebrospinal Fluid: A DNA Microarray and Proteomic Analysis. <i>Journal of Neuroendocrinology</i> , 2016, 28, .	1.2	15
47	Cloning and characterisation of a fish aldolase B gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1263, 75-78.	2.4	14
48	Histopathological and in vivo evidence of regucalcin as a protective molecule in mammary gland carcinogenesis. <i>Experimental Cell Research</i> , 2015, 330, 325-335.	1.2	12
49	Transthyretin in Fish: State of the Art. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 1244-9.	1.4	11
50	Bitter taste receptors profiling in the human blood-cerebrospinal fluid-barrier. <i>Biochemical Pharmacology</i> , 2020, 177, 113954.	2.0	11
51	A distal estrogen responsive element upstream the cap site of human transthyretin gene is an enhancer-like element upon ER α and/or ER β transactivation. <i>Gene</i> , 2013, 527, 469-476.	1.0	10
52	Bitter taste signaling mediated by Tas2r144 is down-regulated by 17 β -estradiol and progesterone in the rat choroid plexus. <i>Molecular and Cellular Endocrinology</i> , 2019, 495, 110521.	1.6	10
53	Sex Hormones Protect Against Amyloid β Induced Oxidative Stress in the Choroid Plexus Cell Line Z310. <i>Journal of Neuroendocrinology</i> , 2016, 28, .	1.2	9
54	The choroid plexus: Simple structure, complex functions. <i>Journal of Neuroscience Research</i> , 2020, 98, 751-753.	1.3	8

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55	Adenosine inhibits human astrocyte proliferation independently of adenosine receptor activation. <i>Journal of Neurochemistry</i> , 2020, 153, 455-467.	2.1	8
56	Gene Expression Profiling in the Hippocampus of Orchidectomized Rats. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 198-205.	1.1	7
57	Adenosine Inhibits Cell Proliferation Differently in Human Astrocytes and in Glioblastoma Cell Lines. <i>Neuroscience</i> , 2021, 467, 122-133.	1.1	7
58	The Choroid Plexus Is an Alternative Source of Prolactin to the Rat Brain. <i>Molecular Neurobiology</i> , 2021, 58, 1846-1858.	1.9	7
59	The brain as a source and a target of prolactin in mammals. <i>Neural Regeneration Research</i> , 2022, 17, 1695.	1.6	7
60	The druggability of bitter taste receptors for the treatment of neurodegenerative disorders. <i>Biochemical Pharmacology</i> , 2022, 197, 114915.	2.0	6
61	Promoter Demethylation Upregulates STEAP1 Gene Expression in Human Prostate Cancer: In Vitro and In Silico Analysis. <i>Life</i> , 2021, 11, 1251.	1.1	5
62	Characterization of oligoadenylate synthetase-1 expression in rat mammary gland and prostate: effects of 17 β -estradiol on the regulation of OAS1g in both tissues. <i>Molecular and Cellular Biochemistry</i> , 2008, 314, 113-121.	1.4	4
63	The Daily Expression of ABCC4 at the BCSFB Affects the Transport of Its Substrate Methotrexate. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2443.	1.8	4
64	Cadaverine and Spermine Elicit Ca ²⁺ Uptake in Human CP Cells via a Trace Amine-Associated Receptor 1 Dependent Pathway. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 625-637.	1.1	2
65	Piscine (<i>Sparus aurata</i>) Transthyretin cDNA Cloning and Characterization. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 607-609.	1.8	1