

Carlos R J Soares

List of Publications by Year in descending order

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26
papers

506
citations

759233

12
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

501
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Macroprolactin Displays Low Biological Activity via Its Homologous Receptor in a New Sensitive Bioassay. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 1048-1055.	3.6	76
2	Distribution of growth hormone-responsive cells in the mouse brain. <i>Brain Structure and Function</i> , 2017, 222, 341-363.	2.3	66
3	Periplasmic expression of human growth hormone via plasmid vectors containing the \hat{A} PL promoter: use of HPLC for product quantification. <i>Protein Engineering, Design and Selection</i> , 2003, 16, 1131-1138.	2.1	56
4	High-yield purification of biosynthetic human growth hormone secreted in <i>Escherichia coli</i> periplasmic space. <i>Journal of Chromatography A</i> , 1999, 852, 441-450.	3.7	45
5	High-level expression of human thyroid-stimulating hormone in Chinese hamster ovary cells by co-transfection of dicistronic expression vectors followed by a dual-marker amplification strategy. <i>Biotechnology and Applied Biochemistry</i> , 2002, 35, 19.	3.1	29
6	Brain STAT5 signaling modulates learning and memory formation. <i>Brain Structure and Function</i> , 2018, 223, 2229-2241.	2.3	29
7	Reversed-phase high-performance liquid chromatography method for the determination of prolactin in bacterial extracts and in its purified form. <i>Journal of Chromatography A</i> , 2002, 955, 229-236.	3.7	24
8	High-level synthesis of human prolactin in Chinese-hamster ovary cells. <i>Biotechnology and Applied Biochemistry</i> , 2000, 32, 127.	3.1	23
9	Distinct human prolactin (hPRL) and growth hormone (hGH) behavior under bacteriophage lambda PL promoter control: Temperature plays a major role in protein yields. <i>Journal of Biotechnology</i> , 2008, 133, 27-35.	3.8	21
10	Synthesis and Characterization of Recombinant, Authentic Human Prolactin Secreted into the Periplasmic Space of <i>Escherichia Coli</i> . <i>Biotechnology and Applied Biochemistry</i> , 1998, 27, 63-70.	3.1	17
11	High-Level Secretion of Growth Hormone by Retrovirally Transduced Primary Human Keratinocytes: Prospects for an Animal Model of Cutaneous Gene Therapy. <i>Molecular Biotechnology</i> , 2006, 34, 239-246.	2.4	16
12	Expression, purification, and characterization of authentic mouse prolactin obtained in <i>Escherichia coli</i> periplasmic space. <i>Biotechnology and Applied Biochemistry</i> , 2012, 59, 178-185.	3.1	14
13	Suppression of Prolactin Secretion Partially Explains the Antidiabetic Effect of Bromocriptine in ob/ob Mice. <i>Endocrinology</i> , 2019, 160, 193-204.	2.8	13
14	Enhancement of Human Prolactin Synthesis by Sodium Butyrate Addition to Serum-Free CHO Cell Culture. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-11.	3.0	12
15	Laboratory Production of Human Prolactin from CHO Cells Adapted to Serum-Free Suspension Culture. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 2212-2224.	2.9	9
16	Synthesis, purification and characterization of recombinant glycosylated human prolactin (G-hPRL) secreted by cycloheximide-treated CHO cells. <i>Journal of Biotechnology</i> , 2010, 145, 334-340.	3.8	8
17	N-glycoprofiling analysis in a simple glycoprotein model: A comparison between recombinant and pituitary glycosylated human prolactin. <i>Journal of Biotechnology</i> , 2015, 202, 78-87.	3.8	8
18	Expression, purification and characterization of the authentic form of human growth hormone receptor antagonist G12OR-hGH obtained in <i>Escherichia coli</i> periplasmic space. <i>Protein Expression and Purification</i> , 2017, 131, 91-100.	1.3	8

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19	Expression of glycosylated human prolactin in HEK293 cells and related N-glycan composition analysis. <i>AMB Express</i> , 2019, 9, 135.	3.0	6
20	A Molecular Mimic of Phosphorylated Prolactin (S179D PRL) Secreted by Eukaryotic Cells Has a Conformation with an Increased Positive Surface Charge Compared to That of Unmodified Prolactin. <i>Biochemistry</i> , 2009, 48, 6887-6897.	2.5	5
21	Determination of recombinant Interferon- β 2 in <i>E. coli</i> periplasmic extracts by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 193-198.	2.3	5
22	Biophysical properties of electrospun chitosan-grafted poly(lactic acid) nanofibrous scaffolds loaded with chondroitin sulfate and silver nanoparticles. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1098-1110.	2.4	5
23	Improved Bioprocess with CHO-hTSH Cells on Higher Microcarrier Concentration Provides Higher Overall Biomass and Productivity for rhTSH. <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 401-409.	2.9	4
24	N-Glycoprofiling Analysis for Carbohydrate Composition and Site-Occupancy Determination in a Poly-Glycosylated Protein: Human Thyrotropin of Different Origins. <i>International Journal of Molecular Sciences</i> , 2017, 18, 131.	4.1	4
25	<p>Poly(3-hydroxi-butyrate-co-3-hydroxy-valerate) (PHB-HV) microparticles loaded with holmium acetylacetonate as potential contrast agents for magnetic resonance images</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6869-6889.	6.7	2
26	Periplasmic synthesis and purification of the human prolactin antagonist β 1-11-G129R-hPRL. <i>AMB Express</i> , 2021, 11, 62.	3.0	1