Gregori Casals

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3961885/publications.pdf

Version: 2024-02-01

75 papers	2,141 citations	279487 23 h-index	243296 44 g-index
80 all docs	80 docs citations	80 times ranked	3490 citing authors

#	Article	IF	Citations
1	Glucocorticoid-induced Fingerprints on Visceral Adipose Tissue Transcriptome and Epigenome. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 150-166.	1.8	5
2	Macroprolactin: From laboratory to clinical practice. EndocrinologÃa Diabetes Y NutriciÃ³n (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	2
3	Ketoconazole- and Metyrapone-Induced Reductions on Urinary Steroid Metabolites Alter the Urinary Free Cortisol Immunoassay Reliability in Cushing Syndrome. Frontiers in Endocrinology, 2022, 13, 833644.	1.5	5
4	Validation of a Microwave-Assisted Derivatization Gas Chromatography-Mass Spectrometry Method for the Quantification of 2-Hydroxybutyrate in Human Serum as an Early Marker of Diabetes Mellitus. Molecules, 2022, 27, 1889.	1.7	0
5	Evaluation of Metabolic Changes in Acute Intermittent Porphyria Patients by Targeted Metabolomics. International Journal of Molecular Sciences, 2022, 23, 3219.	1.8	7
6	Urine steroid profile as a new promising tool for the evaluation of adrenal tumors. Literature review. Endocrine, 2021, 72, 40-48.	1.1	20
7	Mesoporous silica coated CeO2 nanozymes with combined lipid-lowering and antioxidant activity induce long-term improvement of the metabolic profile in obese Zucker rats. Nanoscale, 2021, 13, 8452-8466.	2.8	12
8	Biochemical assessment of metabolic associated fatty liver disease. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, 2, 199-208.	0.1	3
9	Validation of a Gas Chromatography-Mass Spectrometry Method for the Measurement of the Redox State Metabolic Ratios Lactate/Pyruvate and Î²-Hydroxybutyrate/Acetoacetate in Biological Samples. International Journal of Molecular Sciences, 2021, 22, 4752.	1.8	7
10	Cerium Oxide Nanoparticles: A New Therapeutic Tool in Liver Diseases. Antioxidants, 2021, 10, 660.	2.2	41
11	Endogenous cortisol excess confers a unique lipid signature and metabolic network. Journal of Molecular Medicine, 2021, 99, 1085-1099.	1.7	13
12	Onset of fulminant typeâ€‰1 diabetes mellitus following hypophysitis after discontinuation of combined immunotherapy. A case report. Journal of Diabetes Investigation, 2021, 12, 2263-2266.	1.1	10
13	Scalable synthesis of multicomponent multifunctional inorganic core@mesoporous silica shell nanocomposites. Materials Science and Engineering C, 2021, 128, 112272.	3.8	9
14	The loss of DHX15 impairs endothelial energy metabolism, lymphatic drainage and tumor metastasis in mice. Communications Biology, 2021, 4, 1192.	2.0	5
15	Cortisol Measurements in Cushingâ€™s Syndrome: Immunoassay or Mass Spectrometry?. Annals of Laboratory Medicine, 2020, 40, 285-296.	1.2	34
16	Bespoken Nanoceria: An Effective Treatment in Experimental Hepatocellular Carcinoma. Hepatology, 2020, 72, 1267-1282.	3.6	37
17	Cerium Oxide Nanoparticles: Advances in Biodistribution, Toxicity, and Preclinical Exploration. Small, 2020, 16, e1907322.	5.2	85
18	EvaluaciÃ³n del ensayo enhaced estradiol (eE2) en el analizador Atellica IM 1600 de Siemens. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2020, 1, .	0.1	0

#	Article	IF	Citations
19	Cerium Oxide Nanoparticles: Cerium Oxide Nanoparticles: Advances in Biodistribution, Toxicity, and Preclinical Exploration (Small 20/2020). Small, 2020, 16, 2070111.	5.2	6
20	Performance evaluation of Siemens Atellica enhanced estradiol assay. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2020, 1, .	0.1	0
21	OR03-05 Novel Lipidome Signature in Active Cushing Syndrome Revealed by UHPLC-MS Metabolomics. Journal of the Endocrine Society, 2020, 4, .	0.1	0
22	Cerium oxide nanoparticles improve liver regeneration after acetaminophen-induced liver injury and partial hepatectomy in rats. Journal of Nanobiotechnology, 2019, 17, 112.	4.2	38
23	Beyond the Scavenging of Reactive Oxygen Species (ROS): Direct Effect of Cerium Oxide Nanoparticles in Reducing Fatty Acids Content in an In Vitro Model of Hepatocellular Steatosis. Biomolecules, 2019, 9, 425.	1.8	34
24	Cerium oxide nanoparticles display antilipogenic effect in rats with non-alcoholic fatty liver disease. Scientific Reports, 2019, 9, 12848.	1.6	35
25	Functionalized cerium oxide nanoparticles mitigate the oxidative stress and pro-inflammatory activity associated to the portal vein endothelium of cirrhotic rats. PLoS ONE, 2019, 14, e0218716.	1.1	13
26	FRI-334-Cerium oxide nanoparticles present antilipogenic and antiinflammatory effects in rats with diet-induced non-alcoholic fatty liver disease. Journal of Hepatology, 2019, 70, e543.	1.8	1
27	Biodistribution, Excretion, and Toxicity of Inorganic Nanoparticles. , 2019, , 3-26.		7
28	Catalytic Cerium Oxide Nanoparticles in Nanomedicine and Their Use in Liver Diseases. , 2019, , .		1
29	Cerium Oxide Nanoparticles Protect against Oxidant Injury and Interfere with Oxidative Mediated Kinase Signaling in Human-Derived Hepatocytes. International Journal of Molecular Sciences, 2019, 20, 5959.	1.8	28
30	Potential value of urinary amatoxin quantification in patients with hepatotoxic mushroom poisoning. Liver International, 2019, 39, 1128-1135.	1.9	3
31	Validation of a routine gas chromatography mass spectrometry method for 2-hydroxyglutarate quantification in human serum as a screening tool for detection of idh mutations. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1083, 28-34.	1.2	11
32	Translational evidence of prothrombotic and inflammatory endothelial damage in Cushing syndrome after remission. Clinical Endocrinology, 2018, 88, 415-424.	1.2	14
33	Metformin inhibits gluconeogenesis via a redox-dependent mechanism in vivo. Nature Medicine, 2018, 24, 1384-1394.	15.2	200
34	Zinc alpha-2 glycoprotein is overproduced in Cushing's syndrome. Endocrinologia, Diabetes Y NutriciÃ“n, 2017, 64, 26-33.	0.1	7
35	The GALA study: relationship between galectin-3 serum levels and short- and long-term outcomes of patients with acute heart failure. Biomarkers, 2017, 22, 731-739.	0.9	23
36	Early in vitro development of daptomycin non-susceptibility in high-level aminoglycoside-resistant Enterococcus faecalis predicts the efficacy of the combination of high-dose daptomycin plus ampicillin in an in vivo model of experimental endocarditis. Journal of Antimicrobial Chemotherapy, 2017, 72, 1714-1722.	1.3	13

#	Article	IF	Citations
37	Prognostic value of plasma apelin concentrations at admission in patients with ST-segment elevation acute myocardial infarction. Clinical Biochemistry, 2017, 50, 279-284.	0.8	13
38	Intrinsic and Extrinsic Properties Affecting Innate Immune Responses to Nanoparticles: The Case of Cerium Oxide. Frontiers in Immunology, 2017, 8, 970.	2.2	45
39	Circulatory Immune Cells in Cushing Syndrome: Bystanders or Active Contributors to Atherometabolic Injury? A Study of Adhesion and Activation of Cell Surface Markers. International Journal of Endocrinology, 2017, 2017, 1-9.	0.6	6
40	Early nonâ€invasive selection of patients at high risk of severe hepatitis C recurrence after liver transplantation. Transplant Infectious Disease, 2016, 18, 471-479.	0.7	13
41	Metastatic Tissue Proteomic Profiling Predicts 5-Year Outcomes in Patients with Colorectal Liver Metastases. Translational Oncology, 2016, 9, 445-452.	1.7	2
42	Risk factors associated with high linezolid trough plasma concentrations. Expert Opinion on Pharmacotherapy, 2016, 17, 1183-1187.	0.9	28
43	Accuracy of immunoassay and mass spectrometry urinary free cortisol in the diagnosis of Cushingâ€™s syndrome. Pituitary, 2016, 19, 496-502.	1.6	19
44	Cerium oxide nanoparticles reduce steatosis, portal hypertension and display anti-inflammatory properties in rats with liver fibrosis. Journal of Hepatology, 2016, 64, 691-698.	1.8	178
45	Gastrointestinal Hormones and Weight Loss Maintenance Following Roux-en-Y Gastric Bypass. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4677-4684.	1.8	23
46	Formation of Î”1 and Î”6 testosterone metabolites by human hepatocytes. Steroids, 2015, 95, 66-72.	0.8	7
47	Urinary cysteinyl progestogens: Occurrence and origin. Journal of Steroid Biochemistry and Molecular Biology, 2015, 152, 53-61.	1.2	10
48	Overexpression of angiopoietinâ€2 in rats and patients with liver fibrosis. Therapeutic consequences of its inhibition. Liver International, 2015, 35, 1383-1392.	1.9	31
49	Long-term remission and recurrence rate in a cohort of Cushingâ€™s disease: the need for long-term follow-up. Pituitary, 2015, 18, 142-149.	1.6	80
50	Lack of a 5.9 kDa Peptide C-Terminal Fragment of Fibrinogen Î± Chain Precedes Fibrosis Progression in Patients with Liver Disease. PLoS ONE, 2014, 9, e109254.	1.1	12
51	Microwave-assisted derivatization: Application to steroid profiling by gas chromatography/mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 960, 8-13.	1.2	24
52	Investigation of endogenous corticosteroids profiles in human urine based on liquid chromatography tandem mass spectrometry. Analytica Chimica Acta, 2014, 812, 92-104.	2.6	60
53	Adrenal hormonal imbalance in acute intermittent porphyria patients: results of a case control study. Orphanet Journal of Rare Diseases, 2014, 9, 54.	1.2	11
54	Development and validation of a UHPLC diode array detector method for meropenem quantification in human plasma. Clinical Biochemistry, 2014, 47, 223-227.	0.8	21

#	Article	IF	Citations
55	Gas chromatographyâ€“mass spectrometry profiling of steroids in urine of patients with acute intermittent porphyria. Clinical Biochemistry, 2013, 46, 819-824.	0.8	14
56	Risk Factors for a Low Linezolid Trough Plasma Concentration in Acute Infections. Antimicrobial Agents and Chemotherapy, 2013, 57, 1913-1917.	1.4	53
57	Bacterial lipopolyshaccaride inhibits CB2 receptor expression in human monocytic cells. Gut, 2013, 62, 1089-1091.	6.1	9
58	Factors Involved in Extracellular Matrix Turnover in Human Derived Cardiomyocytes. Cellular Physiology and Biochemistry, 2013, 32, 1125-1136.	1.1	13
59	Prevention of Fibrosis Progression in CCl₄-Treated Rats: Role of the Hepatic Endocannabinoid and Apelin Systems. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 629-637.	1.3	56
60	Earlier Decrease of FGF-23 and Less Hypophosphatemia in Preemptive Kidney Transplant Recipients. Transplantation, 2012, 94, 830-836.	0.5	13
61	Urinary neutrophil gelatinase-associated lipocalin as biomarker in the differential diagnosis of impairment of kidney function in cirrhosis. Journal of Hepatology, 2012, 57, 267-273.	1.8	191
62	ARFI, FibroScanÂ®, ELF, and their combinations in the assessment of liver fibrosis: A prospective study. Journal of Hepatology, 2012, 57, 281-287.	1.8	150
63	Adenoviral dominant-negative soluble PDGFRÎ² improves hepatic collagen, systemic hemodynamics, and portal pressure in fibrotic rats. Journal of Hepatology, 2012, 57, 967-973.	1.8	27
64	Admission B-type natriuretic peptide retains prognostic value in patients with acute coronary syndrome and preserved left ventricular ejection fraction. International Journal of Cardiology, 2012, 158, 459-460.	0.8	3
65	Hypoxia and proinflammatory factors upregulate apelin receptor expression in human stellate cells and hepatocytes. Gut, 2011, 60, 1404-1411.	6.1	60
66	Day-to-day variation of late-night salivary cortisol in healthy voluntaries. Clinical Biochemistry, 2011, 44, 665-668.	0.8	17
67	Apelin Mediates the Induction of Profibrogenic Genes in Human Hepatic Stellate Cells. Endocrinology, 2010, 151, 5306-5314.	1.4	58
68	Inactivation of extrahepatic vascular Akt improves systemic hemodynamics and sodium excretion in cirrhotic rats. Journal of Hepatology, 2010, 53, 1041-1048.	1.8	6
69	Hypoxia induces B-type natriuretic peptide release in cell lines derived from human cardiomyocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H550-H555.	1.5	69
70	Impact of Ultrasensitive Cardiac Troponin I Dynamic Changes in the New Universal Definition of Myocardial Infarction. American Journal of Clinical Pathology, 2008, 130, 964-968.	0.4	23
71	Impaired extracellular matrix degradation in aortic vessels of cirrhotic rats. Journal of Hepatology, 2007, 46, 440-446.	1.8	16
72	Evaluation of a new ultrasensitive assay for cardiac troponin I. Clinical Biochemistry, 2007, 40, 1406-1413.	0.8	45

#	Article	IF	Citations
73	Endothelial damage and thrombotic response in patients with cured Cushing syndrome. Endocrine Abstracts, 0, , .	0.0	0
74	Impaired innate immunity in Cushing's syndrome: increase CD14+CD16++ monocytes. Endocrine Abstracts, 0, , .	0.0	0
75	Increased exosomes in endogeneous Cushing syndrome. Endocrine Abstracts, 0, , .	0.0	0