

Susana Sangiao-Alvarellos

List of Publications by Year in descending order

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59
papers

2,944
citations

186209

28
h-index

168321

53
g-index

62
all docs

62
docs citations

62
times ranked

3300
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypothalamic Fatty Acid Metabolism Mediates the Orexigenic Action of Ghrelin. <i>Cell Metabolism</i> , 2008, 7, 389-399.	7.2	417
2	Time course of osmoregulatory and metabolic changes during osmotic acclimation in <i>Sparus auratus</i> . <i>Journal of Experimental Biology</i> , 2005, 208, 4291-4304.	0.8	169
3	Role of Neurokinin B in the Control of Female Puberty and Its Modulation by Metabolic Status. <i>Journal of Neuroscience</i> , 2012, 32, 2388-2397.	1.7	150
4	Growth performance of gilthead sea bream <i>Sparus aurata</i> in different osmotic conditions: Implications for osmoregulation and energy metabolism. <i>Aquaculture</i> , 2005, 250, 849-861.	1.7	117
5	Acclimation of <i>S. aurata</i> to various salinities alters energy metabolism of osmoregulatory and nonosmoregulatory organs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 285, R897-R907.	0.9	113
6	Food deprivation alters osmoregulatory and metabolic responses to salinity acclimation in gilthead sea bream <i>Sparus auratus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2006, 176, 441-452.	0.7	112
7	Interactive effects of high stocking density and food deprivation on carbohydrate metabolism in several tissues of gilthead sea bream <i>Sparus auratus</i> . <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2005, 303A, 761-775.	1.3	108
8	Changes in Hypothalamic Expression of the <i>Lin28/let-7</i> System and Related MicroRNAs During Postnatal Maturation and After Experimental Manipulations of Puberty. <i>Endocrinology</i> , 2013, 154, 942-955.	1.4	105
9	Energy Metabolism in Fish Tissues Related to Osmoregulation and Cortisol Action. <i>Fish Physiology and Biochemistry</i> , 2002, 27, 179-188.	0.9	103
10	Central Resistin Regulates Hypothalamic and Peripheral Lipid Metabolism in a Nutritional-Dependent Fashion. <i>Endocrinology</i> , 2008, 149, 4534-4543.	1.4	102
11	Central Ghrelin Regulates Peripheral Lipid Metabolism in a Growth Hormone-Independent Fashion. <i>Endocrinology</i> , 2009, 150, 4562-4574.	1.4	94
12	Cellular Distribution, Regulated Expression, and Functional Role of the Anorexigenic Peptide, NUCB2/Nesfatin-1, in the Testis. <i>Endocrinology</i> , 2012, 153, 1959-1971.	1.4	94
13	Glucokinase and hexokinase expression and activities in rainbow trout tissues: changes with food deprivation and refeeding. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R810-R821.	0.9	71
14	Perturbation of Hypothalamic MicroRNA Expression Patterns in Male Rats After Metabolic Distress: Impact of Obesity and Conditions of Negative Energy Balance. <i>Endocrinology</i> , 2014, 155, 1838-1850.	1.4	64
15	Place of Preoperative Treatment of Acromegaly with Somatostatin Analog on Surgical Outcome: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e61523.	1.1	60
16	Influence of age on rat bone-marrow mesenchymal stem cells potential. <i>Scientific Reports</i> , 2015, 5, 16765.	1.6	59
17	Treatment with Growth Hormone for Adults with Growth Hormone Deficiency Syndrome: Benefits and Risks. <i>International Journal of Molecular Sciences</i> , 2018, 19, 893.	1.8	52
18	Actions of growth hormone on carbohydrate metabolism and osmoregulation of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>General and Comparative Endocrinology</i> , 2005, 141, 214-225.	0.8	51

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19	Regulation of visceral adipose tissue-derived serine protease inhibitor by nutritional status, metformin, gender and pituitary factors in rat white adipose tissue. <i>Journal of Physiology</i> , 2009, 587, 3741-3750.	1.3	51
20	Growth hormone and prolactin actions on osmoregulation and energy metabolism of gilthead sea bream (<i>Sparus auratus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2006, 144, 491-500.	0.8	42
21	Influence of Ghrelin and Growth Hormone Deficiency on AMP-Activated Protein Kinase and Hypothalamic Lipid Metabolism. <i>Journal of Neuroendocrinology</i> , 2010, 22, 543-556.	1.2	42
22	Distinct Expression Patterns Predict Differential Roles of the miRNA-Binding Proteins, Lin28 and Lin28b, in the Mouse Testis: Studies During Postnatal Development and in a Model of Hypogonadotropic Hypogonadism. <i>Endocrinology</i> , 2013, 154, 1321-1336.	1.4	42
23	Hypothalamic miR-30 regulates puberty onset via repression of the puberty-suppressing factor, Mkrn3. <i>PLoS Biology</i> , 2019, 17, e3000532.	2.6	42
24	Osmoregulatory and metabolic changes in the gilthead sea bream <i>Sparus auratus</i> after arginine vasotocin (AVT) treatment. <i>General and Comparative Endocrinology</i> , 2006, 148, 348-358.	0.8	41
25	Effect of Ghrelin on Glucose-Insulin Homeostasis: Therapeutic Implications. <i>International Journal of Peptides</i> , 2010, 2010, 1-25.	0.7	35
26	Influence of testosterone administration on osmoregulation and energy metabolism of gilthead sea bream <i>Sparus auratus</i> . <i>General and Comparative Endocrinology</i> , 2006, 149, 30-41.	0.8	31
27	The Decreased Growth Hormone Response to Growth Hormone Releasing Hormone in Obesity Is Associated to Cardiometabolic Risk Factors. <i>Mediators of Inflammation</i> , 2010, 2010, 1-8.	1.4	30
28	Endocrine function in obesity. <i>Endocrinología Y Nutrición (English Edition)</i> , 2011, 58, 422-432.	0.5	29
29	Effect of Weight Loss after Bariatric Surgery on Thyroid-Stimulating Hormone Levels in Euthyroid Patients with Morbid Obesity. <i>Nutrients</i> , 2019, 11, 1121.	1.7	29
30	Central Resistance to Thyroid Hormones in Morbidly Obese Subjects Is Reversed after Bariatric Surgery-Induced Weight Loss. <i>Journal of Clinical Medicine</i> , 2020, 9, 359.	1.0	27
31	Ghrelin and Growth Hormone Secretagogues, Physiological and Pharmacological Aspect. <i>Current Drug Discovery Technologies</i> , 2009, 6, 34-42.	0.6	26
32	Effects of central administration of arginine vasotocin on monoaminergic neurotransmitters and energy metabolism of rainbow trout brain. <i>Journal of Fish Biology</i> , 2004, 64, 1313-1329.	0.7	25
33	Intracerebroventricular Injections of Noradrenaline Affect Brain Energy Metabolism of Rainbow Trout. <i>Physiological and Biochemical Zoology</i> , 2003, 76, 663-671.	0.6	23
34	Testicular expression of the Lin28/let-7 system: Hormonal regulation and changes during postnatal maturation and after manipulations of puberty. <i>Scientific Reports</i> , 2015, 5, 15683.	1.6	23
35	Actions of 17 β -estradiol on carbohydrate metabolism in liver, gills, and brain of gilthead sea bream <i>Sparus auratus</i> during acclimation to different salinities. <i>Marine Biology</i> , 2005, 146, 607-617.	0.7	21
36	Ghrelin neutralization during fasting-refeeding cycle impairs the recuperation of body weight and alters hepatic energy metabolism. <i>Molecular and Cellular Endocrinology</i> , 2011, 335, 177-188.	1.6	21

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37	The Lin28/Let-7 System in Early Human Embryonic Tissue and Ectopic Pregnancy. PLoS ONE, 2014, 9, e87698.	1.1	21
38	Deregulation of miR-324/KISS1/kisspeptin in early ectopic pregnancy: mechanistic findings with clinical and diagnostic implications. American Journal of Obstetrics and Gynecology, 2019, 220, 480.e1-480.e17.	0.7	21
39	Osmoregulatory action of 17 β -estradiol in the gilthead sea bream <i>Sparus auratus</i> . Journal of Experimental Zoology Part A, Comparative Experimental Biology, 2004, 301A, 828-836.	1.3	20
40	Short-term regulation of peptide YY secretion by a mixed meal or peritoneal glucose-based dialysate in patients with chronic renal failure. Nephrology Dialysis Transplantation, 2008, 23, 3696-3703.	0.4	19
41	Altered GH-IGF-1 Axis in Severe Obese Subjects is Reversed after Bariatric Surgery-Induced Weight Loss and Related with Low-Grade Chronic Inflammation. Journal of Clinical Medicine, 2020, 9, 2614.	1.0	19
42	Beneficial Effects of Bariatric Surgery-Induced by Weight Loss on the Proteome of Abdominal Subcutaneous Adipose Tissue. Journal of Clinical Medicine, 2020, 9, 213.	1.0	19
43	Altered fasting and postprandial plasma ghrelin levels in patients with liver failure are normalized after liver transplantation. European Journal of Endocrinology, 2010, 163, 609-616.	1.9	18
44	Effect of Oral Glucose Administration on Rebound Growth Hormone Release in Normal and Obese Women: The Role of Adiposity, Insulin Sensitivity and Ghrelin. PLoS ONE, 2015, 10, e0121087.	1.1	18
45	Fasting and postprandial plasma ghrelin levels are decreased in patients with liver failure previous to liver transplantation. Endocrine, 2009, 35, 467-476.	1.1	17
46	Energy Metabolism and Osmotic Acclimation in Teleost Fish. , 2007, , 277-307.		16
47	Metabolic recovery after weight loss surgery is reflected in serum microRNAs. BMJ Open Diabetes Research and Care, 2020, 8, e001441.	1.2	15
48	Cost-effectiveness analysis of preoperative treatment of acromegaly with somatostatin analogue on surgical outcome. European Journal of Internal Medicine, 2015, 26, 736-741.	1.0	14
49	Melatonin treatment affects the osmoregulatory capacity of rainbow trout. Aquaculture Research, 2007, 38, 325-330.	0.9	11
50	Thyroid Function Alteration in Obesity and the Effect of Bariatric Surgery. Journal of Clinical Medicine, 2022, 11, 1340.	1.0	11
51	Growth Hormone, Ghrelin and Peptide YY Secretion after Oral Glucose Administration in Healthy and Obese Women. Hormone and Metabolic Research, 2011, 43, 580-586.	0.7	10
52	Effect of oral glucose on acylated and total ghrelin secretion in acromegalic patients. Neuroendocrinology Letters, 2007, 28, 596-603.	0.2	10
53	Oral glucose-stimulated growth hormone (GH) test in adult GH deficiency patients and controls: Potential utility of a novel test. European Journal of Internal Medicine, 2017, 44, 55-61.	1.0	8
54	Long-Term Hormonal Adaptations to Weight Loss. New England Journal of Medicine, 2012, 366, 380-382.	13.9	4

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55	Sexual Dimorphism on Growth Hormone Secretion after Oral Glucose Administration. <i>Hormone and Metabolic Research</i> , 2012, 44, 533-538.	0.7	4
56	Interaction of short-term testosterone treatment with osmotic acclimation in the gilthead sea bream <i>Sparus auratus</i> . <i>Marine Biology</i> , 2008, 153, 661-671.	0.7	3
57	Evaluation of Thyroid Hormone Replacement Dosing in Morbidly Obese Hypothyroid Patients after Bariatric Surgery-Induced Weight Loss. <i>Journal of Clinical Medicine</i> , 2021, 10, 3685.	1.0	3
58	Circulating Levels of Irisin in Hypopituitary and Normal Subjects. <i>PLoS ONE</i> , 2016, 11, e0160364.	1.1	3
59	Respuesta secretora de PYY1-36 y PYY3-36 en sujetos normales tras la ingesta de una comida mixta. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion</i> , 2008, 55, 333-339.	0.8	2