Antonio De la Vieja

List of Publications by Year
in descending order

38 papers	2,828 citations	279487 23 h-index	315357 38 g-index
39 all docs	39 docs citations	39 times ranked	3068 citing authors

#	Article	IF	Citations
1	The Sodium/Iodide Symporter (NIS): Characterization, Regulation, and Medical Significance. Endocrine Reviews, 2003, 24, 48-77.	8.9	719
2	Molecular Analysis of the Sodium/Iodide Symporter: Impact on Thyroid and Extrathyroid Pathophysiology. Physiological Reviews, 2000, 80, 1083-1105.	13.1	306
3	The BRAFV600E Oncogene Induces Transforming Growth Factor Î² Secretion Leading to Sodium Iodide Symporter Repression and Increased Malignancy in Thyroid Cancer. Cancer Research, 2009, 69, 8317-8325.	0.4	236
4	N-linked Glycosylation of the Thyroid Na+/Iâ^' Symporter (NIS). Journal of Biological Chemistry, 1998, 273, 22657-22663.	1.6	163
5	Glucose-Induced Î²-Catenin Acetylation Enhances Wnt Signaling in Cancer. Molecular Cell, 2013, 49, 474-486.	4.5	141
6	From obesity to diabetes and cancer: epidemiological links and role of therapies. British Journal of Cancer, 2016, 114, 716-722.	2.9	132
7	A new link between diabetes and cancer: enhanced WNT/Î²-catenin signaling by high glucose. Journal of Molecular Endocrinology, 2014, 52, R51-R66.	1.1	112
8	Role of iodide metabolism in physiology and cancer. Endocrine-Related Cancer, 2018, 25, R225-R245.	1.6	79
9	Identification of a structural requirement for thyroid Na+ /Iâ^' symporter (NIS) function from analysis of a mutation that causes human congenital hypothyroidism. FEBS Letters, 1998, 429, 36-40.	1.3	68
10	The Na+/I- symporter (NIS): recent advances. Journal of Bioenergetics and Biomembranes, 1998, 30, 195-206.	1.0	67
11	Journey of the iodide transporter NIS: from its molecular identification to its clinical role in cancer. Trends in Biochemical Sciences, 2001, 26, 490-496.	3.7	60
12	Amino Acid Residues in Transmembrane Segment IX of the Na+/Iâ€“ Symporter Play a Role in Its Na+ Dependence and Are Critical for Transport Activity. Journal of Biological Chemistry, 2007, 282, 25290-25298.	1.6	59
13	Regulation of Thyroid Oxidative State by Thioredoxin Reductase Has a Crucial Role in Thyroid Responses to Iodide Excess. Molecular Endocrinology, 2011, 25, 1924-1935.	3.7	57
14	DetecciÃ³n de la disfunciÃ³n tiroidea en la poblaciÃ³n gestante: estÃ¡ justificado el cribado universal. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2012, 59, 547-560.	0.8	57
15	Molecular Analysis of a Congenital Iodide Transport Defect: G543E Impairs Maturation and Trafficking of the Na+/Iâ^' Symporter. Molecular Endocrinology, 2005, 19, 2847-2858.	3.7	54
16	The Q267E mutation in the sodium/iodide symporter (NIS) causes congenital iodide transport defect (ITD) by decreasing the NIS turnover number. Journal of Cell Science, 2004, 117, 677-687.	1.2	52
17	Molecular Study of the Sodiumâ€“Iodide Symporter (NIS): A New Field in Thyroidology. Trends in Endocrinology and Metabolism, 2000, 11, 99-105.	3.1	44
18	Toxicity of nanoplastics for zebrafish embryos, what we know and where to go next. Science of the Total Environment, 2021, 797, 149125.	3.9	44

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19	Hydrocortisone and Purinergic Signaling Stimulate Sodium/Iodide Symporter (NIS)-Mediated Iodide Transport in Breast Cancer Cells. Molecular Endocrinology, 2006, 20, 1121-1137.	3.7	39
20	Assessment of the Na/I symporter as a reporter gene to visualize oncolytic adenovirus propagation in peritoneal tumours. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1377-1385.	3.3	35
21	Molecular Characterization of V59E NIS, a Na+/Iâ^' Symporter Mutant that Causes Congenital Iâ^' Transport Defect. Endocrinology, 2008, 149, 3077-3084.	1.4	31
22	SuplementaciÃ³n con yodo durante el embarazo y la lactancia. Toma de posiciÃ³n del Grupo de Trabajo de Trastornos relacionados con la Deficiencia de Yodo y DisfunciÃ³n Tiroidea de la Sociedad EspaÃ±ola de EndocrinologÃa y NutriciÃ³n. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2014, 61, 27-34.	0.8	31
23	NIS Mediates Iodide Uptake in the Female Reproductive Tract and Is a Poor Prognostic Factor in Ovarian Cancer. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1199-E1208.	1.8	26
24	Telomerase-Driven Expression of the Sodium Iodide Symporter (NIS) for in Vivo Radioiodide Treatment of Cancer: A New Broad-Spectrum NIS-Mediated Antitumor Approach. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1435-E1443.	1.8	24
25	Radio-Iodide Treatment: From Molecular Aspects to the Clinical View. Cancers, 2021, 13, 995.	1.7	24
26	The complex regulation of NIS expression and activity in thyroid and extrathyroidal tissues. Endocrine-Related Cancer, 2021, 28, T141-T165.	1.6	23
27	Selenium Increases Thyroid-Stimulating Hormone-Induced Sodium/Iodide Symporter Expression Through Thioredoxin/Apurinic/Apyrimidinic Endonuclease 1-Dependent Regulation of Paired Box 8 Binding Activity. Antioxidants and Redox Signaling, 2016, 24, 855-866.	2.5	21
28	Paradoxical activation of AMPK by glucose drives selective EP300 activityÂin colorectal cancer. PLoS Biology, 2020, 18, e3000732.	2.6	18
29	Targeting sodium/iodide symporter gene expression for estrogen-regulated imaging and therapy in breast cancer. Cancer Gene Therapy, 2008, 15, 465-473.	2.2	16
30	Bases epidemiolÃ³gicas y mecanismos moleculares implicados en las asociaciones de obesidad y diabetes con cÃ¡ncer. Endocrinologia, Diabetes Y NutriciÃ“n, 2017, 64, 109-117.	0.1	16
31	ErradicaciÃ³n de la deficiencia de yodo en EspaÃ±a. Cerca, pero no en la meta. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2012, 59, 471-473.	0.8	14
32	La nutriciÃ³n de yodo en EspaÃ±a. Necesidades para el futuro. Endocrinologia, Diabetes Y NutriciÃ“n, 2020, 67, 61-69.	0.1	14
33	Identification and quantitation of iodotyrosines and iodothyronines in proteins using high-performance liquid chromatography by photodiode-array ultraviolet-visible detection. Biomedical Applications, 1997, 688, 143-149.	1.7	11
34	Insulin drives glucose-dependent insulinotropic peptide expression via glucose-dependent regulation of FoxO1 and LEF1/Î²-catenin. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 1141-1150.	0.9	9
35	Epidemiological bases and molecular mechanisms linking obesity, diabetes, and cancer. EndocrinologÃa Diabetes Y NutriciÃ³n (English Ed), 2017, 64, 109-117.	0.1	7
36	Mesenchymal Stem Cells Delivery in Individuals with Different Pathologies: Multimodal Tracking, Safety and Future Applications. International Journal of Molecular Sciences, 2022, 23, 1682.	1.8	5

#	Article	IF	Citations
37	Basolateral Sorting of the Sodium/Iodide Symporter Is Mediated by Adaptor Protein 1 Clathrin Adaptor Complexes. Thyroid, 0, , .	2.4	3
38	Iodine nutrition in Spain: Future requirements. EndocrinologÃa Diabetes Y NutriciÃ³n (English Ed), 2020, 67, 61-69.	0.1	1