

# Carmen Aceves

## List of Publications by Year in descending order

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67  
papers

1,210  
citations

331670

21  
h-index

414414

32  
g-index

71  
all docs

71  
docs citations

71  
times ranked

843  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Extrathyronine Actions of Iodine as Antioxidant, Apoptotic, and Differentiation Factor in Various Tissues. <i>Thyroid</i> , 2013, 23, 938-946.	4.5	80
2	Inhibition of N-methyl-N-nitrosourea-induced mammary carcinogenesis by molecular iodine (I <sub>2</sub> ) but not by iodide (I <sup>-</sup> ) treatment. <i>Molecular and Cellular Endocrinology</i> , 2005, 236, 49-57.	3.2	73
3	Is Iodine A Gatekeeper of the Integrity of the Mammary Gland?. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2005, 10, 189-196.	2.7	72
4	Uptake and antiproliferative effect of molecular iodine in the MCF-7 breast cancer cell line. <i>Endocrine-Related Cancer</i> , 2006, 13, 1147-1158.	3.1	58
5	Tissue-Specific Regulation of Pyroglutamate Aminopeptidase II Activity by Thyroid Hormones. <i>Neuroendocrinology</i> , 1988, 48, 211-213.	2.5	48
6	Antineoplastic effect of iodine in mammary cancer: participation of 6-iodolactone (6-IL) and peroxisome proliferator-activated receptors (PPAR). <i>Molecular Cancer</i> , 2009, 8, 33.	19.2	45
7	Circulating Thyronines and Peripheral Monodeiodination in Lactating Rats*. <i>Endocrinology</i> , 1989, 124, 1340-1344.	2.8	41
8	Signaling pathways involved in the antiproliferative effect of molecular iodine in normal and tumoral breast cells: evidence that 6-iodolactone mediates apoptotic effects. <i>Endocrine-Related Cancer</i> , 2008, 15, 1003-1011.	3.1	39
9	Type I, 5'-Monodeiodinase Activity in the Lactating Mammary Gland*. <i>Endocrinology</i> , 1989, 124, 2818-2820.	2.8	36
10	Activation of peroxisome proliferator-activated receptor gamma is crucial for antitumoral effects of 6-iodolactone. <i>Molecular Cancer</i> , 2015, 14, 168.	19.2	34
11	5α-Deiodinase in two breast cancer cell lines: effect of triiodothyronine, isoproterenol and retinoids. <i>Molecular and Cellular Endocrinology</i> , 2003, 201, 25-31.	3.2	32
12	The maintenance of hippocampal pyramidal neuron populations is dependent on the modulation of specific cell cycle regulators by thyroid hormones. <i>Brain Research</i> , 2009, 1271, 27-35.	2.2	31
13	Iodine and doxorubicin, a good combination for mammary cancer treatment: antineoplastic adjuvancy, chemoresistance inhibition, and cardioprotection. <i>Molecular Cancer</i> , 2013, 12, 45.	19.2	30
14	A complex between 6-iodolactone and the peroxisome proliferator-activated receptor type gamma may mediate the antineoplastic effect of iodine in mammary cancer. <i>Prostaglandins and Other Lipid Mediators</i> , 2009, 89, 34-42.	1.9	29
15	Adjuvant Effect of Molecular Iodine in Conventional Chemotherapy for Breast Cancer. Randomized Pilot Study. <i>Nutrients</i> , 2019, 11, 1623.	4.1	29
16	Molecular Iodine Has Extrathyroidal Effects as an Antioxidant, Differentiator, and Immunomodulator. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1228.	4.1	28
17	Uptake and antitumoral effects of iodine and 6-iodolactone in differentiated and undifferentiated human prostate cancer cell lines. <i>Prostate</i> , 2013, 73, 31-41.	2.3	27
18	Antineoplastic effect of iodine and iodide in dimethylbenz[a]anthracene-induced mammary tumors: association between lactoperoxidase and estrogen-adduct production. <i>Endocrine-Related Cancer</i> , 2011, 18, 529-539.	3.1	26

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19	Perinatal undernutrition programmes thyroid function in the adult rat offspring. <i>British Journal of Nutrition</i> , 2013, 110, 2207-2215.	2.3	26
20	Triiodothyronine Attenuates Prostate Cancer Progression Mediated by $\beta$ -Adrenergic Stimulation. <i>Molecular Medicine</i> , 2016, 22, 1-11.	4.4	24
21	Mammary Type I Deiodinase Is Dependent on the Suckling Stimulus: Differential Role of Norepinephrine and Prolactin*. <i>Endocrinology</i> , 1999, 140, 2948-2953.	2.8	23
22	Iodine prevents the increase of testosterone-induced oxidative stress in a model of rat prostatic hyperplasia. <i>Free Radical Biology and Medicine</i> , 2018, 115, 298-308.	2.9	22
23	Molecular iodine exerts antineoplastic effects by diminishing proliferation and invasive potential and activating the immune response in mammary cancer xenografts. <i>BMC Cancer</i> , 2019, 19, 261.	2.6	21
24	Study of the effect of "Ataulfo"™ mango ( <i>Mangifera indica</i> L.) intake on mammary carcinogenesis and antioxidant capacity in plasma of N-methyl-N-nitrosourea (MNU)-treated rats. <i>Food Chemistry</i> , 2008, 111, 309-315.	8.2	19
25	Molecular iodine/doxorubicin neoadjuvant treatment impair invasive capacity and attenuate side effect in canine mammary cancer. <i>BMC Veterinary Research</i> , 2018, 14, 87.	1.9	19
26	Periodontal 5'-deiodination on forced-induced root resorption--the protective effect of thyroid hormone administration. <i>European Journal of Orthodontics</i> , 2002, 24, 363-369.	2.4	18
27	Shock Wave-Induced Damage and Poration in Eukaryotic Cell Membranes. <i>Journal of Membrane Biology</i> , 2017, 250, 41-52.	2.1	18
28	Mammary 5 $\alpha$ -deiodinase (5 $\alpha$ -D) during the breeding cycle of the rat: indirect evidence that 5 $\alpha$ -D type I is specific to the alveolar epithelium. <i>Endocrine</i> , 1995, 3, 95-99.	2.2	17
29	Neuroendocrine Regulation of Adrenal 5 $\alpha$ -Monodeiodination during Acute Cold Exposure in the Rat. I. Effects of Hypophysectomy. <i>Endocrinology</i> , 1991, 128, 504-508.	2.8	16
30	Molecular iodine impairs chemoresistance mechanisms, enhances doxorubicin retention and induces downregulation of the CD44+/CD24+ and E-cadherin+/vimentin+ subpopulations in MCF-7 cells resistant to low doses of doxorubicin. <i>Oncology Reports</i> , 2017, 38, 2867-2876.	2.6	15
31	Molecular iodine inhibits the expression of stemness markers on cancer stem-like cells of established cell lines derived from cervical cancer. <i>BMC Cancer</i> , 2018, 18, 928.	2.6	15
32	Mammary Gland Sympathetic Innervation Is a Major Component in Type 1 Deiodinase Regulation. <i>Endocrine</i> , 1999, 11, 115-122.	2.2	14
33	Mammary Gland Type I Iodothyronine Deiodinase Is Encoded by a Short Messenger Ribonucleic Acid1. <i>Endocrinology</i> , 1997, 138, 4248-4254.	2.8	13
34	Participation of NMDA-glutamatergic receptors in hippocampal neuronal damage caused by adult-onset hypothyroidism. <i>Neuroscience Letters</i> , 2009, 453, 178-181.	2.1	13
35	Food-Restricted and Dehydrated-Induced Anorexic Rats Present Differential TRH Expression in Anterior and Caudal PVN. Role of Type 2 Deiodinase and Pyroglutamyl Aminopeptidase II. <i>Endocrinology</i> , 2012, 153, 4067-4076.	2.8	13
36	Peroxisome Proliferator-Activated Receptors: Role of Isoform Gamma in the Antineoplastic Effect of Iodine in Mammary Cancer. <i>Current Cancer Drug Targets</i> , 2011, 11, 775-786.	1.6	12

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37	6-Iodolactone, key mediator of antitumoral properties of iodine. Prostaglandins and Other Lipid Mediators, 2014, 112, 27-33.	1.9	12
38	Deiodinase type 1 activity is expressed in the prostate of pubescent rats and is modulated by thyroid hormones, prolactin and sex hormones. Journal of Endocrinology, 2006, 190, 363-371.	2.6	10
39	Epididymis Expresses the Highest 5 $\alpha$ -Deiodinase Activity in the Male Reproductive System: Kinetic Characterization, Distribution, and Hormonal Regulation. Endocrinology, 2008, 149, 4209-4217.	2.8	10
40	Micronutrients and Breast Cancer Progression: A Systematic Review. Nutrients, 2020, 12, 3613.	4.1	10
41	Molecular Iodine/Cyclophosphamide Synergism on Chemoresistant Neuroblastoma Models. International Journal of Molecular Sciences, 2021, 22, 8936.	4.1	9
42	Mammary Type I Deiodinase Is Dependent on the Suckling Stimulus: Differential Role of Norepinephrine and Prolactin. Endocrinology, 1999, 140, 2948-2953.	2.8	9
43	Iodine in Mammary and Prostate Pathologies. Current Chemical Biology, 2011, 5, 177-182.	0.5	7
44	Is Iodine an Antioxidant and Antiproliferative Agent for the Mammary and Prostate Glands?. , 2009, , 249-257.		6
45	Prostate gland as a target organ of thyroid hormones: advances and controversies. Endocrine Connections, 2022, , .	1.9	6
46	Iodine in Mammary and Prostate Pathologies. Current Chemical Biology, 2011, 5, 177-182.	0.5	5
47	Postejaculatory Increase of Prostatic Triiodothyronine (T <sub>3</sub> ) Depends on Sympathetic Innervation in the Rat. Biology of Reproduction, 2011, 84, 118-123.	2.7	5
48	Iodine Uptake and Prostate Cancer in the TRAMP Mouse Model. Molecular Medicine, 2013, 19, 409-416.	4.4	5
49	Total Iodine Quantification in Fluids and Tissues from Iodine- or Iodide-Supplemented Rats by Ion Chromatography Following Microwave-Assisted Digestion. Thyroid, 2015, 25, 352-360.	4.5	5
50	Vestibular site of action of hypothyroidism in the pigmented rat. Brain Research, 1990, 536, 133-138.	2.2	4
51	Influence of thyroid status on TRH metabolism in rat olfactory bulb. Peptides, 1994, 15, 435-439.	2.4	4
52	Shock Wave Application Increases the Antineoplastic Effect of Molecular Iodine Supplement in Breast Cancer Xenografts. Ultrasound in Medicine and Biology, 2020, 46, 649-659.	1.5	4
53	Type 1 deiodinase activity and generation of triiodothyronine (T <sub>3</sub> ) in prostate of sexually active rats. Prostate, 2009, 69, 1651-1659.	2.3	3
54	Effects of Molecular Iodine/Chemotherapy in the Immune Component of Breast Cancer Tumoral Microenvironment. Biomolecules, 2021, 11, 1501.	4.0	3

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55	A rise in T3/T4 ratio reduces the growth of prostate tumors in a murine model. <i>Journal of Endocrinology</i> , 2020, 247, 225-238.	2.6	3
56	Molecular Iodine Supplement Prevents Streptozotocin-Induced Pancreatic Alterations in Mice. <i>Nutrients</i> , 2022, 14, 715.	4.1	3
57	Regulatory Role of the 3' Untranslated Region (3'UTR) of Rat 5' Deiodinase (D1). Effects on Messenger RNA Translation and Stability. <i>Endocrine</i> , 2005, 27, 219-226.	2.2	2
58	Abstract 4224: Differential effect of iodine on the implantation and metastatic potential of xenografts from two different human breast cancer cell lines. <i>Cancer Research</i> , 2011, 71, 4224-4224.	0.9	2
59	SAT-561 Protective Effect of Moderated Dose of Iodine in Pancreatic Alterations during Hypothyroidism. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	2
60	Molecular iodine synergized and sensitized neuroblastoma cells to the antineoplastic effect of ATRA. <i>Endocrine-Related Cancer</i> , 2020, 27, 699-710.	3.1	2
61	Abstract 3509: Iodine exhibits dual effects on breast cancer as a co-treatment with anthracyclines: Antineoplastic synergy and cardioprotector. , 2011, , .		1
62	Abstract B38: Iodine supplement exerts antineoplastic adjuvancy, chemoresistance inhibition and cardioprotection in mammary cancer treatment with anthracyclines. <i>Cancer Prevention Research</i> , 2012, 5, B38-B38.	1.5	1
63	Response to Dr. Nersesyan. <i>Molecular and Cellular Endocrinology</i> , 2006, 257-258, 96-97.	3.2	0
64	ANTINEOPLASTIC AND ANTIOXIDANT PROPERTIES OF SOME FRUITS AND VEGETABLES USING EXPERIMENTAL MODELS OF MAMMARY CANCER. <i>Acta Horticulturae</i> , 2010, , 1287-1294.	0.2	0
65	Perinatal undernutrition programmes thyroid function in the adult rat offspring " CORRIGENDUM. <i>British Journal of Nutrition</i> , 2014, 111, 757-757.	2.3	0
66	Abstract C62: Triiodothyronine (T3) supplementation prevents the overexpression of invasion factors induced by $\beta^2$ -adrenergic stimulation in prostate cancer models. <i>Cancer Research</i> , 2012, 72, C62-C62.	0.9	0
67	Abstract B40: Uptake and potential antineoplastic effects of iodine on prostate cancer in the TRAMP model. <i>Cancer Research</i> , 2012, 72, B40-B40.	0.9	0