Domenico Salvatore

List of Publications by Year in Descending Order

86 papers	4,486 citations	34 h-index	66 g-index
88 ext. papers	5,083 ext. citations	7.1 avg, IF	5.24 L-index

#	Paper	IF	Citations
86	The relevance of T in the management of hypothyroidism.. *Lancet Diabetes and Endocrinology,the*, **2022**,	18.1	1
85	Inactivation of type 3 Deiodinase Results in Life-Long Changes in Brown Adipose Tissue Transcriptome in the Male Mouse.. *Endocrinology*, **2022**,	4.8	2
84	Predictive molecular pathology in metastatic thyroid cancer: the role of fusions.. *Expert Review of Endocrinology and Metabolism*, **2022**, 1-12	4.1	
83	Combination of Lenvatinib and Pembrolizumab as Salvage Treatment for Paucicellular Variant of Anaplastic Thyroid Cancer: A Case Report.. *Current Oncology*, **2021**, 28, 5401-5407	2.8	0
82	Imaging medullary thyroid cancer patients with detectable serum markers: state of the art and future perspectives. *Endocrine*, **2021**, 1	4	2
81	Deiodinase-3 is a thyrostat to regulate podocyte homeostasis. *EBioMedicine*, **2021**, 72, 103617	8.8	
80	Thyroid Hormone Action in Muscle Atrophy. *Metabolites*, **2021**, 11,	5.6	1
79	Treatment of Cutaneous Melanoma Harboring SMO p.Gln216Arg Mutation with Imiquimod: An Old Drug with New Results. *Journal of Personalized Medicine*, **2021**, 11,	3.6	0
78	Thyroid Hormone Enhances Angiogenesis and the Warburg Effect in Squamous Cell Carcinomas. *Cancers*, **2021**, 13,	6.6	2
77	Germ Line Mutations in the Thyroid Hormone Receptor Alpha Gene Predispose to Cutaneous Tags and Melanocytic Nevi. *Thyroid*, **2021**, 31, 1114-1126	6.2	2
76	Real-World Performance of the American Thyroid Association Risk Estimates in Predicting 1-Year Differentiated Thyroid Cancer Outcomes: A Prospective Multicenter Study of 2000 Patients. *Thyroid*, **2021**, 31, 264-271	6.2	14
75	A Type 2 Deiodinase-Dependent Increase in Mediates Myoblast-Endothelial Cell Crosstalk During Skeletal Muscle Regeneration. *Thyroid*, **2021**, 31, 115-127	6.2	4
74	Thyroid fine-needle aspiration trends before, during, and after the lockdown: what we have learned so far from the COVID-19 pandemic. *Endocrine*, **2021**, 71, 20-25	4	8
73	Safety and Quality-of-Life Data from an Italian Expanded Access Program of Lenvatinib for Treatment of Thyroid Cancer. *Thyroid*, **2021**, 31, 224-232	6.2	15
72	Long-term management of lenvatinib-treated thyroid cancer patients: a real-life experience at a single institution. *Endocrine*, **2021**, 73, 358-366	4	6
71	The importance of the RET gene in thyroid cancer and therapeutic implications. *Nature Reviews Endocrinology*, **2021**, 17, 296-306	15.2	15
70	Deiodinases and Cancer. *Endocrinology*, **2021**, 162,	4.8	3

69	Long-Term Prognostic Value of the Response to Therapy Assessed by Laboratory and Imaging Findings in Patients with Differentiated Thyroid Cancer. *Cancers*, **2021**, 13,	6.6	1
68	Advances in Functional Imaging of Differentiated Thyroid Cancer. *Cancers*, **2021**, 13,	6.6	1
67	Targeting the right population for T3 + T4 combined therapy: where are we now and where to next?. *Endocrine*, **2020**, 69, 244-248	4	2
66	Evaluation of BRAF, RAS, RET/PTC, and PAX8/PPARg alterations in different Bethesda diagnostic categories: A multicentric prospective study on the validity of the 7-gene panel test in 1172 thyroid FNAs deriving from different hospitals in South Italy. *Cancer Cytopathology*, **2020**, 128, 107-118	3.9	26
65	Local hyperthyroidism promotes pancreatic acinar cell proliferation during acute pancreatitis. *Journal of Pathology*, **2019**, 248, 217-229	9.4	4
64	The thyroid hormone activating enzyme, type 2 deiodinase, induces myogenic differentiation by regulating mitochondrial metabolism and reducing oxidative stress. *Redox Biology*, **2019**, 24, 101228	11.3	16
63	Deiodinases and their intricate role in thyroid hormone homeostasis. *Nature Reviews Endocrinology*, **2019**, 15, 479-488	15.2	73
62	Thyroid hormone availability in the human fetal brain: novel entry pathways and role of radial glia. *Brain Structure and Function*, **2019**, 224, 2103-2119	4	34
61	A Global Loss of Dio2 Leads to Unexpected Changes in Function and Fiber Types of Slow Skeletal Muscle in Male Mice. *Endocrinology*, **2019**, 160, 1205-1222	4.8	5
60	Management of one patient with oligoprogressive thyroid cancer during treatment with lenvatinib. *Future Oncology*, **2019**, 15, 21-25	3.6	
59	Deiodination and Peripheral Metabolism of Thyroid Hormone **2019**, 61-72		
58	Thyroid Hormone Hyposensitivity: From Genotype to Phenotype and Back. *Frontiers in Endocrinology*, **2019**, 10, 912	5.7	7
57	Thyroid hormone induces progression and invasiveness of squamous cell carcinomas by promoting a ZEB-1/E-cadherin switch. *Nature Communications*, **2019**, 10, 5410	17.4	18
56	Teriparatide Replacement Therapy for Hypoparathyroidism During Treatment With Lenvatinib for Advanced Thyroid Cancer: A Case Report. *Frontiers in Endocrinology*, **2018**, 9, 244	5.7	4
55	The Concerted Action of Type 2 and Type 3 Deiodinases Regulates the Cell Cycle and Survival of Basal Cell Carcinoma Cells. *Thyroid*, **2017**, 27, 567-576	6.2	20
54	Thyroid hormone signaling and deiodinase actions in muscle stem/progenitor cells. *Molecular and Cellular Endocrinology*, **2017**, 459, 79-83	4.4	32
53	Are Evidence-Based Guidelines Reflected in Clinical Practice? An Analysis of Prospectively Collected Data of the Italian Thyroid Cancer Observatory. *Thyroid*, **2017**, 27, 1490-1497	6.2	36
52	DIO2 Thr92Ala Reduces Deiodinase-2 Activity and Serum-T3 Levels in Thyroid-Deficient Patients. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 1623-1630	5.6	64

51	The Thyroid Hormone Inactivating Enzyme Type 3 Deiodinase is Present in Bactericidal Granules and the Cytoplasm of Human Neutrophils. *Endocrinology*, **2016**, 157, 3293-305	4.8	17
50	Activated Thyroid Hormone Promotes Differentiation and Chemotherapeutic Sensitization of Colorectal Cancer Stem Cells by Regulating Wnt and BMP4 Signaling. *Cancer Research*, **2016**, 76, 1237-44	10.1	60
49	Reciprocal interplay between thyroid hormone and microRNA-21 regulates hedgehog pathway-driven skin tumorigenesis. *Journal of Clinical Investigation*, **2016**, 126, 2308-20	15.9	34
48	Thyroid Physiology and Diagnostic Evaluation of Patients With Thyroid Disorders **2016**, 333-368		5
47	Management of subclinical hypothyroidism in pregnancy: are we too simplistic?. *European Journal of Endocrinology*, **2015**, 173, P1-P11	6.5	22
46	The selective loss of the type 2 iodothyronine deiodinase in mouse thyrotrophs increases basal TSH but blunts the thyrotropin response to hypothyroidism. *Endocrinology*, **2015**, 156, 745-54	4.8	24
45	Studies of molecular mechanisms associated with increased deiodinase 3 expression in a case of consumptive hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 3965-71	5.6	10
44	Thyroid hormones and skeletal muscle--new insights and potential implications. *Nature Reviews Endocrinology*, **2014**, 10, 206-14	15.2	174
43	Intracellular inactivation of thyroid hormone is a survival mechanism for muscle stem cell proliferation and lineage progression. *Cell Metabolism*, **2014**, 20, 1038-48	24.6	75
42	Mice with hepatocyte-specific deficiency of type 3 deiodinase have intact liver regeneration and accelerated recovery from nonthyroidal illness after toxin-induced hepatonecrosis. *Endocrinology*, **2014**, 155, 4061-8	4.8	6
41	Type 3 deiodinase and solid tumors: an intriguing pair. *Expert Opinion on Therapeutic Targets*, **2013**, 17, 1369-79	6.4	39
40	The deiodinases and the control of intracellular thyroid hormone signaling during cellular differentiation. *Biochimica Et Biophysica Acta - General Subjects*, **2013**, 1830, 3937-45	4	96
39	Type 3 deiodinase and consumptive hypothyroidism: a common mechanism for a rare disease. *Frontiers in Endocrinology*, **2013**, 4, 115	5.7	36
38	p63 control of desmosome gene expression and adhesion is compromised in AEC syndrome. *Human Molecular Genetics*, **2013**, 22, 531-43	5.6	56
37	Epigenetic control of type 2 and 3 deiodinases in myogenesis: role of Lysine-specific Demethylase enzyme and FoxO3. *Nucleic Acids Research*, **2013**, 41, 3551-62	20.1	31
36	Identification and functional characterization of a novel mutation in the NKX2-1 gene: comparison with the data in the literature. *Thyroid*, **2013**, 23, 675-82	6.2	21
35	Catenin regulates deiodinase levels and thyroid hormone signaling in colon cancer cells. *Gastroenterology*, **2012**, 143, 1037-47	13.3	78
34	Consumptive hypothyroidism resulting from hepatic vascular tumors in an athyreotic adult. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 1966-70	5.6	24

33	Deiodinases: keeping the thyroid hormone supply in balance. *Journal of Endocrinology*, **2011**, 209, 259-60	4.7	6
32	Deiodinases: the balance of thyroid hormone: local impact of thyroid hormone inactivation. *Journal of Endocrinology*, **2011**, 209, 273-82	4.7	101
31	Type II iodothyronine deiodinase provides intracellular 3,5,3'-triiodothyronine to normal and regenerating mouse skeletal muscle. *American Journal of Physiology - Endocrinology and Metabolism* , **2011**, 301, E818-24	6	27
30	Thyroid Physiology and Diagnostic Evaluation of Patients with Thyroid Disorders **2011**, 327-361		24
29	Thyroid Endocrinology: The Future is Now. *Frontiers in Endocrinology*, **2010**, 1, 7	5.7	
28	Intronic elements in the Na+/I- symporter gene (NIS) interact with retinoic acid receptors and mediate initiation of transcription. *Nucleic Acids Research*, **2010**, 38, 3172-85	20.1	21
27	Type 2 iodothyronine deiodinase levels are higher in slow-twitch than fast-twitch mouse skeletal muscle and are increased in hypothyroidism. *Endocrinology*, **2010**, 151, 5952-60	4.8	48
26	Controllo periferico dell□zione degli ormoni tiroidei: dal laboratorio alla clinica. *L Endocrinologo*, **2010**, 11, 14-19	0	
25	The FoxO3/type 2 deiodinase pathway is required for normal mouse myogenesis and muscle regeneration. *Journal of Clinical Investigation*, **2010**, 120, 4021-30	15.9	116
24	Role of type 3 deiodinase in cancer. *Expert Opinion on Therapeutic Targets*, **2009**, 13, 1363-73	6.4	28
23	Tprg, a gene predominantly expressed in skin, is a direct target of the transcription factor p63. *Journal of Investigative Dermatology*, **2008**, 128, 1676-85	4.3	19
22	Sonic hedgehog-induced type 3 deiodinase blocks thyroid hormone action enhancing proliferation of normal and malignant keratinocytes. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 14466-71	11.5	134
21	Do glucocorticoids affect outcome in Graves' disease following radioiodine therapy?. *Nature Clinical Practice Endocrinology and Metabolism*, **2006**, 2, 194-5		2
20	Missense mutation in the transcription factor NKX2-5: a novel molecular event in the pathogenesis of thyroid dysgenesis. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 1428-33	5.6	132
19	Pretranslational regulation of type 2 deiodinase. *Thyroid*, **2005**, 15, 855-64	6.2	35
18	Pendrin is a novel in vivo downstream target gene of the TTF-1/Nkx-2.1 homeodomain transcription factor in differentiated thyroid cells. *Molecular and Cellular Biology*, **2005**, 25, 10171-82	4.8	34
17	Transcription factor Nkx-2.5 induces sodium/iodide symporter gene expression and participates in retinoic acid- and lactation-induced transcription in mammary cells. *Molecular and Cellular Biology*, **2004**, 24, 7863-77	4.8	39
16	The different cardiac expression of the type 2 iodothyronine deiodinase gene between human and rat is related to the differential response of the Dio2 genes to Nkx-2.5 and GATA-4 transcription factors. *Molecular Endocrinology*, **2003**, 17, 1508-21		39

15	Type 3 iodothyronine deiodinase is highly expressed in the human uteroplacental unit and in fetal epithelium. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 1384-8	5.6	166
14	Human type 3 iodothyronine selenodeiodinase is located in the plasma membrane and undergoes rapid internalization to endosomes. *Journal of Biological Chemistry*, **2003**, 278, 1206-11	5.4	97
13	Biochemistry, cellular and molecular biology, and physiological roles of the iodothyronine selenodeiodinases. *Endocrine Reviews*, **2002**, 23, 38-89	27.2	1299
12	A 21-year-old woman with consumptive hypothyroidism due to a vascular tumor expressing type 3 iodothyronine deiodinase. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 4457-61	5.6	85
11	The human type 2 iodothyronine deiodinase is a selenoprotein highly expressed in a mesothelioma cell line. *Journal of Biological Chemistry*, **2001**, 276, 30183-7	5.4	70
10	The human, but not rat, dio2 gene is stimulated by thyroid transcription factor-1 (TTF-1). *Molecular Endocrinology*, **2001**, 15, 112-24		57
9	Characterization of the 5'-flanking and 5'-untranslated regions of the cyclic adenosine 3',5'-monophosphate-responsive human type 2 iodothyronine deiodinase gene. *Endocrinology*, **2000**, 141, 229-37	4.8	88
8	Regional expression of the type 3 iodothyronine deiodinase messenger ribonucleic acid in the rat central nervous system and its regulation by thyroid hormone. *Endocrinology*, **1999**, 140, 784-90	4.8	159
7	Mutation of the Secys residue 266 in human type 2 selenodeiodinase alters 75Se incorporation without affecting its biochemical properties. *Biochimie*, **1999**, 81, 535-8	4.6	35
6	The guanosine monophosphate reductase gene is conserved in rats and its expression increases rapidly in brown adipose tissue during cold exposure. *Journal of Biological Chemistry*, **1998**, 273, 31092-6	5.4	24
5	Regional distribution of type 2 thyroxine deiodinase messenger ribonucleic acid in rat hypothalamus and pituitary and its regulation by thyroid hormone. *Endocrinology*, **1997**, 138, 3359-68	4.8	246
4	Cloning of the rat tissue inhibitor of metalloproteinases type 2 (TIMP-2) gene: analysis of its expression in normal and transformed thyroid cells. *Experimental Cell Research*, **1994**, 213, 398-403	4.2	21
3	Activation of the ret oncogene in human thyroid carcinomas. *Rendiconti Lincei*, **1993**, 4, 367-375	1.7	1
2	Regional Distribution of Type 2 Thyroxine Deiodinase Messenger Ribonucleic Acid in Rat Hypothalamus and Pituitary and Its Regulation by Thyroid Hormone		60
1	Regional Expression of the Type 3 Iodothyronine Deiodinase Messenger Ribonucleic Acid in the Rat Central Nervous System and Its Regulation by Thyroid Hormone		46