

# Patrizia Limonta

## List of Publications by Year in descending order

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83

papers

3,129

citations

136950

32

h-index

168389

53

g-index

84

all docs

84

docs citations

84

times ranked

3397

citing authors

#	ARTICLE	IF	CITATIONS
1	miR-205 Exerts Tumor-Suppressive Functions in Human Prostate through Down-regulation of Protein Kinase C $\mu$ . <i>Cancer Research</i> , 2009, 69, 2287-2295.	0.9	334
2	GnRH and GnRH receptors in the pathophysiology of the human female reproductive system. <i>Human Reproduction Update</i> , 2016, 22, 358-381.	10.8	156
3	GnRH Receptors in Cancer: From Cell Biology to Novel Targeted Therapeutic Strategies. <i>Endocrine Reviews</i> , 2012, 33, 784-811.	20.1	137
4	The Luteinizing Hormone-Releasing Hormone Receptor in Human Prostate Cancer Cells: Messenger Ribonucleic Acid Expression, Molecular Size, and Signal Transduction Pathway1. <i>Endocrinology</i> , 1999, 140, 5250-5256.	2.8	123
5	The biology of gonadotropin hormone-releasing hormone: role in the control of tumor growth and progression in humans. <i>Frontiers in Neuroendocrinology</i> , 2003, 24, 279-295.	5.2	114
6	Role of Endoplasmic Reticulum Stress in the Anticancer Activity of Natural Compounds. <i>International Journal of Molecular Sciences</i> , 2019, 20, 961.	4.1	93
7	LHRH analogues as anticancer agents: pituitary and extrapituitary sites of action. <i>Expert Opinion on Investigational Drugs</i> , 2001, 10, 709-720.	4.1	90
8	Binding Characteristics of Hypothalamic Mu Opioid Receptors throughout the Estrous Cycle in the Rat. <i>Neuroendocrinology</i> , 1993, 58, 366-372.	2.5	79
9	The emerging role of paraptosis in tumor cell biology: Perspectives for cancer prevention and therapy with natural compounds. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1873, 188338.	7.4	79
10	Cancer Stem Cellsâ€”Key Players in Tumor Relapse. <i>Cancers</i> , 2021, 13, 376.	3.7	74
11	Effects of steroids on the brain opioid system. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995, 53, 343-348.	2.5	71
12	Î±-tocotrienol induces apoptosis, involving endoplasmic reticulum stress and autophagy, and paraptosis in prostate cancer cells. <i>Cell Proliferation</i> , 2019, 52, e12576.	5.3	69
13	Hypothalamic Opiatergic Tone During Pregnancy, Parturition and Lactation in the Rat. <i>Neuroendocrinology</i> , 1991, 53, 460-466.	2.5	65
14	Stimulatory and Inhibitory Effects of the Opioids on Gonadotropin Secretion. <i>Neuroendocrinology</i> , 1986, 42, 504-512.	2.5	60
15	Natural Compounds in Prostate Cancer Prevention and Treatment: Mechanisms of Action and Molecular Targets. <i>Cells</i> , 2020, 9, 460.	4.1	60
16	Gonadotropin-releasing hormone receptors as molecular therapeutic targets in prostate cancer: Current options and emerging strategies. <i>Cancer Treatment Reviews</i> , 2013, 39, 647-663.	7.7	56
17	Vitamin E Î±-tocotrienol triggers endoplasmic reticulum stress-mediated apoptosis in human melanoma cells. <i>Scientific Reports</i> , 2016, 6, 30502.	3.3	56
18	Gonadotropin-Releasing Hormone (GnRH) Receptors in Tumors: a New Rationale for the Therapeutical Application of GnRH Analogs in Cancer Patients?. <i>Current Cancer Drug Targets</i> , 2006, 6, 257-269.	1.6	54

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19	Locally Expressed LHRH Receptors Mediate the Oncostatic and Antimetastatic Activity of LHRH Agonists on Melanoma Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3791-3797.	3.6	53
20	Clusterin Isoforms Differentially Affect Growth and Motility of Prostate Cells: Possible Implications in Prostate Tumorigenesis. <i>Cancer Research</i> , 2007, 67, 10325-10333.	0.9	53
21	Targeting melanoma stem cells with the Vitamin E derivative Î-tocotrienol. <i>Scientific Reports</i> , 2018, 8, 587.	3.3	46
22	Epithelial-To-Mesenchymal Transition Markers and CD44 Isoforms Are Differently Expressed in 2D and 3D Cell Cultures of Prostate Cancer Cells. <i>Cells</i> , 2019, 8, 143.	4.1	46
23	Activation of the orphan nuclear receptor RORÎ± counteracts the proliferative effect of fatty acids on prostate cancer cells: Crucial role of 5-lipoxygenase. <i>International Journal of Cancer</i> , 2004, 112, 87-93.	5.1	45
24	Anticancer properties of tocotrienols: A review of cellular mechanisms and molecular targets. <i>Journal of Cellular Physiology</i> , 2019, 234, 1147-1164.	4.1	45
25	Decrease of mu opioid receptors in the brain and in the hypothalamus of the aged male rat. <i>Life Sciences</i> , 1987, 40, 391-398.	4.3	44
26	Growth-inhibitory effects of luteinizing hormone-releasing hormone (LHRH) agonists on xenografts of the DU 145 human androgen-independent prostate cancer cell line in nude mice. <i>International Journal of Cancer</i> , 1998, 76, 506-511.	5.1	42
27	In Vitro 3D Cultures to Model the Tumor Microenvironment. <i>Cancers</i> , 2021, 13, 2970.	3.7	40
28	GnRH in the Human Female Reproductive Axis. <i>Vitamins and Hormones</i> , 2018, 107, 27-66.	1.7	39
29	Cellular and molecular biology of cancer stem cells in melanoma: Possible therapeutic implications. <i>Seminars in Cancer Biology</i> , 2019, 59, 221-235.	9.6	39
30	Ca <sup>2+</sup> overload- and ROS-associated mitochondrial dysfunction contributes to Î-tocotrienol-mediated paraptosis in melanoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021, 26, 277-292.	4.9	39
31	Estrogen Receptor Î² Agonists Differentially Affect the Growth of Human Melanoma Cell Lines. <i>PLoS ONE</i> , 2015, 10, e0134396.	2.5	38
32	Type I Gonadotropin-Releasing Hormone Receptor Mediates the Antiproliferative Effects of GnRH-II on Prostate Cancer Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1761-1767.	3.6	36
33	Inhibitory activity of luteinizing hormone-releasing hormone on tumor growth and progression.. <i>Endocrine-Related Cancer</i> , 2003, 10, 161-167.	3.1	35
34	Three-Dimensional Cell Cultures as an In Vitro Tool for Prostate Cancer Modeling and Drug Discovery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6806.	4.1	34
35	The Luteinizing Hormone-Releasing Hormone Receptor in Human Prostate Cancer Cells: Messenger Ribonucleic Acid Expression, Molecular Size, and Signal Transduction Pathway. <i>Endocrinology</i> , 1999, 140, 5250-5256.	2.8	30
36	Activation of the orphan nuclear receptor RORÎ± induces growth arrest in androgen-independent DU 145 prostate cancer cells. <i>Prostate</i> , 2001, 46, 327-335.	2.3	25

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37	Semi-preparative HPLC purification of $\gamma$ -tocotrienol ( $\gamma$ -T3) from <i>Elaeis guineensis</i> Jacq. and <i>Bixa orellana</i> L. and evaluation of its <i>in vitro</i> anticancer activity in human A375 melanoma cells. <i>Natural Product Research</i> , 2018, 32, 1130-1135.	1.8	24
38	Beneficial effects of $\gamma$ -tocotrienol against oxidative stress in osteoblastic cells: studies on the mechanisms of action. <i>European Journal of Nutrition</i> , 2020, 59, 1975-1987.	3.9	24
39	$\gamma$ -Tocotrienol sensitizes and re-sensitizes ovarian cancer cells to cisplatin via induction of G1 phase cell cycle arrest and ROS/MAPK-mediated apoptosis. <i>Cell Proliferation</i> , 2021, 54, e13111.	5.3	24
40	Role of the subfornical organ (SFO) in the control of gonadotropin secretion. <i>Brain Research</i> , 1981, 229, 75-84.	2.2	23
41	Unraveling the molecular mechanisms and the potential chemopreventive/therapeutic properties of natural compounds in melanoma. <i>Seminars in Cancer Biology</i> , 2019, 59, 266-282.	9.6	23
42	Gonadotropin-Releasing Hormone Receptors in Prostate Cancer: Molecular Aspects and Biological Functions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9511.	4.1	23
43	Distribution of kappa opioid receptors in the brain of young and old male rats. <i>Life Sciences</i> , 1989, 45, 2085-2092.	4.3	22
44	Modulation of the binding characteristics of hypothalamic mu opioid receptors in rats by gonadal steroids. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1991, 40, 113-121.	2.5	22
45	Cholinergic inputs to the amygdala and the control of gonadotrophin release. <i>European Journal of Endocrinology</i> , 1980, 93, 1-6.	3.7	20
46	Testosterone and postnatal ontogenesis of hypothalamic $\frac{1}{4}$ ([ <sup>3</sup> H]dihydromorphine) opioid receptors in the rat. <i>Developmental Brain Research</i> , 1991, 62, 131-136.	1.7	20
47	Growth of the androgen-dependent tumor of the prostate: Role of androgens and of locally expressed growth modulatory factors. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995, 53, 401-405.	2.5	20
48	Oncostatic activity of a thiazolidinedione derivative on human androgen-dependent prostate cancer cells. <i>International Journal of Cancer</i> , 2001, 92, 733-737.	5.1	20
49	The multifaceted roles of mitochondria at the crossroads of cell life and death in cancer. <i>Free Radical Biology and Medicine</i> , 2021, 176, 203-221.	2.9	20
50	Tocotrienols and Cancer: From the State of the Art to Promising Novel Patents. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2019, 14, 5-18.	1.6	19
51	Novel insights into GnRH receptor activity: Role in the control of human glioblastoma cell proliferation. <i>Oncology Reports</i> , 2009, 21, 1277-82.	2.6	18
52	Molecular mechanisms and genetic alterations in prostate cancer: From diagnosis to targeted therapy. <i>Cancer Letters</i> , 2022, 534, 215619.	7.2	18
53	Evaluation of a Stable Gonadotropin-Releasing Hormone Analog in Mice for the Treatment of Endocrine Disorders and Prostate Cancer. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 336, 613-623.	2.5	17
54	Mitochondrial functional and structural impairment is involved in the antitumor activity of $\gamma$ -tocotrienol in prostate cancer cells. <i>Free Radical Biology and Medicine</i> , 2020, 160, 376-390.	2.9	17

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55	Oxime bond-linked daunorubicin-GnRH-III bioconjugates exert antitumor activity in castration-resistant prostate cancer cells via the type I GnRH receptor. <i>International Journal of Oncology</i> , 2015, 46, 243-253.	3.3	16
56	Androgen-dependent prostatic tumors: biosynthesis and possible actions of LHRH. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1994, 49, 347-350.	2.5	15
57	Dual Targeting of Tumor and Endothelial Cells by Gonadotropin-Releasing Hormone Agonists to Reduce Melanoma Angiogenesis. <i>Endocrinology</i> , 2010, 151, 4643-4653.	2.8	15
58	Molecular Mechanisms of Cancer Drug Resistance: Emerging Biomarkers and Promising Targets to Overcome Tumor Progression. <i>Cancers</i> , 2022, 14, 1614.	3.7	15
59	Melanoma Stem Cells Educate Neutrophils to Support Cancer Progression. <i>Cancers</i> , 2022, 14, 3391.	3.7	15
60	Unexpected effects of nalmefene, a new opiate antagonist, on the hypothalamic-pituitary-gonadal axis in the male rat. <i>Steroids</i> , 1985, 46, 955-965.	1.8	14
61	Gonadotropin-Releasing Hormone Agonists Sensitize, and Resensitize, Prostate Cancer Cells to Docetaxel in a p53-Dependent Manner. <i>PLoS ONE</i> , 2014, 9, e93713.	2.5	14
62	Locally Expressed LHRH Receptors Mediate the Oncostatic and Antimetastatic Activity of LHRH Agonists on Melanoma Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3791-3797.	3.6	14
63	Species differences in the sensitivity to GnRH analogs. <i>The Journal of Steroid Biochemistry</i> , 1985, 23, 811-817.	1.1	13
64	Effects of aging on pituitary and testicular luteinizing hormone-releasing hormone receptors in the rat. <i>Life Sciences</i> , 1988, 42, 335-342.	4.3	13
65	Effect of ovarian steroids on the concentration of $\hat{1}/4$ opiate receptors in different regions of the brain of the female rat. <i>Pharmacological Research</i> , 1989, 21, 91-92.	7.1	13
66	Dissecting the Hormonal Signaling Landscape in Castration-Resistant Prostate Cancer. <i>Cells</i> , 2021, 10, 1133.	4.1	13
67	Further Evidence that Gonadal Steroids do not Modulate Brain Opiate Receptors in Male Rats.. <i>Endocrinologia Japonica</i> , 1987, 34, 521-529.	0.5	11
68	Targeting Hormonal Signaling Pathways in Castration Resistant Prostate Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2014, 9, 267-285.	1.6	10
69	Exploiting the Metabolic Consequences of PTEN Loss and Akt/Hexokinase 2 Hyperactivation in Prostate Cancer: A New Role for $\hat{1}$ -Tocotrienol. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5269.	4.1	10
70	Characterization of a soluble LHRH-degrading activity in the rat ventral prostate. <i>Prostate</i> , 1993, 23, 315-328.	2.3	9
71	Molecular mechanisms of the antimetastatic activity of nuclear clusterin in prostate cancer cells. <i>International Journal of Oncology</i> , 2011, 39, 225-34.	3.3	8
72	Gonadotropin-releasing hormone agonists suppress melanoma cell motility and invasiveness through the inhibition of $\hat{1}\pm 3$ integrin and MMP-2 expression and activity. <i>International Journal of Oncology</i> , 1992, 33, 405.	3.3	7

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73	Growth factors in steroid-responsive prostatic tumor cells. Steroids, 1996, 61, 222-225.	1.8	7
74	Effect of aging on opioid and LHRH receptors in the brain, pituitary, and testis of the male rat. Neurobiology of Aging, 1994, 15, 553-557.	3.1	6
75	Gonadotropin-releasing hormone agonists reduce the migratory and the invasive behavior of androgen-independent prostate cancer cells by interfering with the activity of IGF-I. International Journal of Oncology, 2007, 30, 261.	3.3	6
76	Species differences in the sensitivity to a GnRH antagonist. Contraception, 1985, 32, 75-85.	1.5	5
77	Gonadotropin-releasing hormone agonists reduce the migratory and the invasive behavior of androgen-independent prostate cancer cells by interfering with the activity of IGF-I. International Journal of Oncology, 2007, 30, 261-71.	3.3	4
78	New insights in melanoma biology: Running fast towards precision medicine. Seminars in Cancer Biology, 2019, 59, 161-164.	9.6	2
79	Castration Resistant Prostate Cancer: From Emerging Molecular Pathways to Targeted Therapeutic Approaches. Clinical Cancer Drugs, 2013, 1, 11-27.	0.3	1
80	LH-RH and Somatostatin: Examples of Peptidergic Control of Prostate Cancer Growth. Contributions To Oncology / Beitrage Zur Onkologie, 1995, 50, 332-344.	0.1	0
81	FROM EMERGING BIOLOGICAL INSIGHTS TO NOVEL TREATMENT STRATEGIES IN PROSTATE CANCER. Istituto Lombardo - Accademia Di Scienze E Lettere - Rendiconti Di Scienze, 2014, , .	0.0	0
82	Editorial (Thematic Issue: Novel Therapeutic Strategies for Castration-resistant Prostate Cancer:) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 3	0.3	0
83	REPRODUCTIVE FUNCTION AND ANTITUMOR ACTIVITY: DIFFERENT ROLES FOR THE HYPOTHALAMIC HORMONE GnRH. Istituto Lombardo - Accademia Di Scienze E Lettere - Incontri Di Studio, 0, , .	0.0	0