

# Vittoria Rago

## List of Publications by Citations

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67

papers

2,595

citations

27

h-index

50

g-index

75

ext. papers

2,900

ext. citations

4.5

avg, IF

4.38

L-index

#	Paper	IF	Citations
67	G protein-coupled receptor 30 (GPR30) mediates gene expression changes and growth response to 17beta-estradiol and selective GPR30 ligand G-1 in ovarian cancer cells. <i>Cancer Research</i> , <b>2007</b> , 67, 1859-66	10.1	340
66	17beta-estradiol, genistein, and 4-hydroxytamoxifen induce the proliferation of thyroid cancer cells through the g protein-coupled receptor GPR30. <i>Molecular Pharmacology</i> , <b>2006</b> , 70, 1414-23	4.3	242
65	Leptin induces, via ERK1/ERK2 signal, functional activation of estrogen receptor alpha in MCF-7 cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 19908-15	5.4	193
64	Estrogen receptor (ER)alpha and ER beta are both expressed in human ejaculated spermatozoa: evidence of their direct interaction with phosphatidylinositol-3-OH kinase/Akt pathway. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 1443-51	5.6	153
63	Estrogenic and antiproliferative activities of isoliquiritigenin in MCF7 breast cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2002</b> , 82, 315-22	5.1	131
62	Breast cancer: from estrogen to androgen receptor. <i>Molecular and Cellular Endocrinology</i> , <b>2002</b> , 193, 121-8	4.4	114
61	The food contaminants bisphenol A and 4-nonylphenol act as agonists for estrogen receptor alpha in MCF7 breast cancer cells. <i>Endocrine</i> , <b>2003</b> , 22, 275-84		79
60	Cholesterol and Its Metabolites in Tumor Growth: Therapeutic Potential of Statins in Cancer Treatment. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 807	5.7	73
59	The red wine phenolics piceatannol and myricetin act as agonists for estrogen receptor alpha in human breast cancer cells. <i>Journal of Molecular Endocrinology</i> , <b>2005</b> , 35, 269-81	4.5	59
58	Identification of the estrogen receptor GPER in neoplastic and non-neoplastic human testes. <i>Reproductive Biology and Endocrinology</i> , <b>2011</b> , 9, 135	5	53
57	Towards a physiological role for cytochrome P450 aromatase in ejaculated human sperm. <i>Human Reproduction</i> , <b>2003</b> , 18, 1650-9	5.7	51
56	Aromatase immunolocalization in human ductuli efferentes and proximal ductus epididymis. <i>Journal of Anatomy</i> , <b>2004</b> , 204, 217-20	2.9	50
55	Antioxidant and Anti-Inflammatory Activities of Flavanones from L. (licorice) Leaf Phytocomplexes: Identification of Licoflavone as a Modulator of NF-kB/MAPK Pathway. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	48
54	Aromatase expression in prepuberal Sertoli cells: effect of thyroid hormone. <i>Molecular and Cellular Endocrinology</i> , <b>2001</b> , 178, 11-21	4.4	47
53	Leptin and leptin receptor in pig spermatozoa: evidence of their involvement in sperm capacitation and survival. <i>Reproduction</i> , <b>2008</b> , 136, 23-32	3.8	46
52	Impaired seminal antioxidant capacity in human semen with hyperviscosity or oligoasthenozoospermia. <i>Journal of Andrology</i> , <b>2001</b> , 22, 798-803		44
51	Evidence that bergapten, independently of its photoactivation, enhances p53 gene expression and induces apoptosis in human breast cancer cells. <i>Current Cancer Drug Targets</i> , <b>2009</b> , 9, 469-81	2.8	42

50	Cytochrome P450arom, androgen and estrogen receptors in pig sperm. <i>Reproductive Biology and Endocrinology</i> , <b>2007</b> , 5, 23	5	40
49	Immunolocalization of cytochrome P450 aromatase in rat testis during postnatal development. <i>Tissue and Cell</i> , <b>2001</b> , 33, 349-53	2.7	37
48	Activated FXR Inhibits Leptin Signaling and Counteracts Tumor-promoting Activities of Cancer-Associated Fibroblasts in Breast Malignancy. <i>Scientific Reports</i> , <b>2016</b> , 6, 21782	4.9	36
47	Evaluation of the In Vitro Wound-Healing Activity of Calabrian Honeys. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	33
46	Oestrogen receptor beta is required for androgen-stimulated proliferation of LNCaP prostate cancer cells. <i>Journal of Molecular Endocrinology</i> , <b>2004</b> , 32, 777-91	4.5	33
45	Inhibition of cyclooxygenase-2 down-regulates aromatase activity and decreases proliferation of Leydig tumor cells. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 28905-16	5.4	32
44	Detection of aromatase and estrogen receptors (ERalpha, ERbeta1, ERbeta2) in human Leydig cell tumor. <i>European Journal of Endocrinology</i> , <b>2007</b> , 157, 239-44	6.5	32
43	Estrogen related receptor $\alpha$ (ERR $\alpha$ ) a promising target for the therapy of adrenocortical carcinoma (ACC). <i>Oncotarget</i> , <b>2015</b> , 6, 25135-48	3.3	32
42	Identification of G protein-coupled estrogen receptor in human and pig spermatozoa. <i>Journal of Anatomy</i> , <b>2014</b> , 224, 732-6	2.9	28
41	Xenoestrogens and the induction of proliferative effects in breast cancer cells via direct activation of oestrogen receptor alpha. <i>Food Additives and Contaminants</i> , <b>2004</b> , 21, 134-44		28
40	Insulin and IR-beta in pig spermatozoa: a role of the hormone in the acquisition of fertilizing ability. <i>Journal of Developmental and Physical Disabilities</i> , <b>2010</b> , 33, 554-62		27
39	Detection of estrogen receptors ER-alpha and ER-beta in human ejaculated immature spermatozoa with excess residual cytoplasm. <i>Reproductive Biology and Endocrinology</i> , <b>2006</b> , 4, 36	5	25
38	Evidence of aromatase localization in cytoplasmic droplet of human immature ejaculated spermatozoa. <i>Folia Histochemica Et Cytobiologica</i> , <b>2003</b> , 41, 23-7	1.4	25
37	Cholesterol as an Endogenous ERR $\alpha$ Agonist: A New Perspective to Cancer Treatment. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 525	5.7	24
36	Effects of tri-iodothyronine on alternative splicing events in the coding region of cytochrome P450 aromatase in immature rat Sertoli cells. <i>Journal of Endocrinology</i> , <b>2001</b> , 170, 381-93	4.7	22
35	Leptin and its receptor are expressed in the testis and in the epididymis of young and adult pigs. <i>Anatomical Record</i> , <b>2009</b> , 292, 736-45	2.1	21
34	Differential expression of estrogen receptors (ERalpha/ERbeta) in testis of mature and immature pigs. <i>The Anatomical Record</i> , <b>2004</b> , 281, 1234-9		21
33	GPER is involved in the regulation of the estrogen-metabolizing CYP1B1 enzyme in breast cancer. <i>Oncotarget</i> , <b>2017</b> , 8, 106608-106624	3.3	21

32	The direct proliferative stimulus of dehydroepiandrosterone on MCF7 breast cancer cells is potentiated by overexpression of aromatase. <i>Molecular and Cellular Endocrinology</i> , <b>2001</b> , 184, 163-71	4.4	20
31	Nitric oxide involvement in the acrosome reaction triggered by leptin in pig sperm. <i>Reproductive Biology and Endocrinology</i> , <b>2011</b> , 9, 133	5	19
30	KRAS-regulated glutamine metabolism requires UCP2-mediated aspartate transport to support pancreatic cancer growth. <i>Nature Metabolism</i> , <b>2020</b> , 2, 1373-1381	14.6	19
29	Antioxidant capacity in seminal plasma of transfusion-dependent beta-thalassemic patients. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>2004</b> , 112, 131-4	2.3	16
28	Autochthonous white grape pomaces as bioactive source for functional jams. <i>International Journal of Food Science and Technology</i> , <b>2019</b> , 54, 1313-1320	3.8	16
27	Influence of all-trans retinoic acid on sperm metabolism and oxidative stress: Its involvement in the physiopathology of varicocele-associated male infertility. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 9526-9537	7.5	16
26	Human sperm anatomy and endocrinology in varicocele: role of androgen receptor. <i>Reproduction</i> , <b>2014</b> , 147, 589-98	3.8	15
25	Identification of ERbeta1 and ERbeta2 in human seminoma, in embryonal carcinoma and in their adjacent intratubular germ cell neoplasia. <i>Reproductive Biology and Endocrinology</i> , <b>2009</b> , 7, 56	5	15
24	Androgens inhibit aromatase expression through DAX-1: insights into the molecular link between hormone balance and Leydig cancer development. <i>Endocrinology</i> , <b>2015</b> , 156, 1251-62	4.8	14
23	Identification of the G protein-coupled estrogen receptor (GPER) in human prostate: expression site of the estrogen receptor in the benign and neoplastic gland. <i>Andrology</i> , <b>2016</b> , 4, 121-7	4.2	14
22	Glucocorticoid Receptor as a Potential Target to Decrease Aromatase Expression and Inhibit Leydig Tumor Growth. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 1328-39	5.8	13
21	Aromatase overexpression enhances the stimulatory effects of adrenal androgens on MCF7 breast cancer cells. <i>Molecular and Cellular Endocrinology</i> , <b>2002</b> , 193, 13-8	4.4	13
20	Immunolocalization of estrogen receptor beta in the epididymis of mature and immature pigs. <i>Folia Histochemica Et Cytobiologica</i> , <b>2004</b> , 42, 13-7	1.4	13
19	Prostatic origin of a zinc binding high molecular weight protein complex in human seminal plasma. <i>Molecular Human Reproduction</i> , <b>2000</b> , 6, 215-8	4.4	12
18	Synthesis and Antibacterial Activity of Polymerizable Acryloyloxyalkyltriethyl Ammonium Salts. <i>ChemPlusChem</i> , <b>2017</b> , 82, 1235-1244	2.8	10
17	5-(Carbamoylmethylene)-oxazolidin-2-ones as a Promising Class of Heterocycles Inducing Apoptosis Triggered by Increased ROS Levels and Mitochondrial Dysfunction in Breast and Cervical Cancer. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	10
16	Human sperm liver receptor homolog-1 (LRH-1) acts as a downstream target of the estrogen signaling pathway. <i>Journal of Anatomy</i> , <b>2015</b> , 227, 541-9	2.9	8
15	Expression of oestrogen receptors (GPER, ESR1, ESR2) in human ductuli efferentes and proximal epididymis. <i>Andrology</i> , <b>2018</b> , 6, 192-198	4.2	8

14	Human Sperm Express the Receptor for Glucagon-like Peptide-1 (GLP-1), Which Affects Sperm Function and Metabolism. <i>Endocrinology</i> , <b>2020</b> , 161,	4.8	7
13	Cytochrome P450 aromatase expression in human seminoma. <i>Reproductive Biology and Endocrinology</i> , <b>2005</b> , 3, 72	5	7
12	Leptin Receptor as a Potential Target to Inhibit Human Testicular Seminoma Growth. <i>American Journal of Pathology</i> , <b>2019</b> , 189, 687-698	5.8	7
11	Statins Reduce Intratumor Cholesterol Affecting Adrenocortical Cancer Growth. <i>Molecular Cancer Therapeutics</i> , <b>2020</b> , 19, 1909-1921	6.1	6
10	Activated-farnesoid X receptor (FXR) expressed in human sperm alters its fertilising ability. <i>Reproduction</i> , <b>2018</b> , 156, 249-259	3.8	5
9	Insulin affects sperm capacity in pig through nitric oxide. <i>Asian Journal of Andrology</i> , <b>2013</b> , 15, 835-7	2.8	5
8	Synthesis and Antibacterial Activity of Polymerizable Acryloyloxyalkyltriethyl Ammonium Salts. <i>ChemPlusChem</i> , <b>2017</b> , 82, 1233-1234	2.8	5
7	GPER-independent inhibition of adrenocortical cancer growth by G-1 involves ROS/Egr-1/BAX pathway. <i>Oncotarget</i> , <b>2017</b> , 8, 115609-115619	3.3	5
6	Glucagon-like peptide-1 receptor is expressed in human and rodent testis. <i>Andrology</i> , <b>2020</b> , 8, 1935-1945	4.2	4
5	The chromogranin A fragment reveals how a single change in the protein sequence exerts strong cardioregulatory effects by engaging neuropilin-1. <i>Acta Physiologica</i> , <b>2021</b> , 231, e13570	5.6	4
4	FSH-R Human Early Male Genital Tract, Testicular Tumors and Sperm: Its Involvement in Testicular Disorders. <i>Life</i> , <b>2020</b> , 10,	3	2
3	Immunolocalization of G Protein-Coupled Estrogen Receptor in the Pig Epididymis. <i>Anatomical Record</i> , <b>2018</b> , 301, 1467-1473	2.1	1
2	Carbazole and Simplified Derivatives: Novel Tools toward $\beta$ Adrenergic Receptors Targeting. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 5486	2.6	1
1	Oleuropein Counteracts Both the Proliferation and Migration of Intra- and Extragonadal Seminoma Cells. <i>Nutrients</i> , <b>2022</b> , 14, 2323	6.7	0