

# Vincenzo pezzi

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

97  
papers

4,301  
citations

39  
h-index

63  
g-index

103  
ext. papers

4,777  
ext. citations

5.1  
avg, IF

5.08  
L-index

| #  | Paper   | IF  | Citations |
|----|---|-----|-----------|
| 97 | The G protein-coupled receptor GPR30 mediates c-fos up-regulation by 17beta-estradiol and phytoestrogens in breast cancer cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 27008-16   | 5.4 | 352       |
| 96 | Mitochondrial biogenesis is required for the anchorage-independent survival and propagation of stem-like cancer cells. <i>Oncotarget</i> , <b>2015</b> , 6, 14777-95  | 3.3 | 175       |
| 95 | Role of estrogen receptors and g protein-coupled estrogen receptor in regulation of hypothalamus-pituitary-testis axis and spermatogenesis. <i>Frontiers in Endocrinology</i> , <b>2014</b> , 5, 1  | 5.7 | 156       |
| 94 | The novel estrogen receptor, G protein-coupled receptor 30, mediates the proliferative effects induced by 17beta-estradiol on mouse spermatogonial GC-1 cell line. <i>Endocrinology</i> , <b>2008</b> , 149, 5043-51  | 4.8 | 131       |
| 93 | Profiling transcript levels for steroidogenic enzymes in fetal tissues. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2003</b> , 87, 181-9  | 5.1 | 124       |
| 92 | Progress to Improve Oral Bioavailability and Beneficial Effects of Resveratrol. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,  | 6.3 | 118       |
| 91 | The steroidogenic acute regulatory protein is induced by angiotensin II and K+ in H295R adrenocortical cells. <i>Molecular and Cellular Endocrinology</i> , <b>1995</b> , 115, 215-19   | 4.4 | 114       |
| 90 | Oleuropein and hydroxytyrosol inhibit MCF-7 breast cancer cell proliferation interfering with ERK1/2 activation. <i>Molecular Nutrition and Food Research</i> , <b>2010</b> , 54, 833-40  | 5.9 | 112       |
| 89 | Calmodulin-dependent kinase I regulates adrenal cell expression of aldosterone synthase. <i>Endocrinology</i> , <b>2002</b> , 143, 3651-7   | 4.8 | 112       |
| 88 | 17 beta-estradiol activates rapid signaling pathways involved in rat pachytene spermatocytes apoptosis through GPR30 and ER alpha. <i>Molecular and Cellular Endocrinology</i> , <b>2010</b> , 320, 136-44  | 4.4 | 103       |
| 87 | Leptin secretion by human ejaculated spermatozoa. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 4753-61   | 5.6 | 99        |
| 86 | Differential expression of steroidogenic factor-1/adrenal 4 binding protein and liver receptor homolog-1 (LRH-1)/fetoprotein transcription factor in the rat testis: LRH-1 as a potential regulator of testicular aromatase expression. <i>Endocrinology</i> , <b>2004</b> , 145, 2186-96 | 4.8 | 95        |
| 85 | Estriol acts as a GPR30 antagonist in estrogen receptor-negative breast cancer cells. <i>Molecular and Cellular Endocrinology</i> , <b>2010</b> , 320, 162-70   | 4.4 | 92        |
| 84 | G-protein-coupled receptor 30 and estrogen receptor-alpha are involved in the proliferative effects induced by atrazine in ovarian cancer cells. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 1648-55  | 8.4 | 90        |
| 83 | Potential of olive oil phenols as chemopreventive and therapeutic agents against cancer: a review of in vitro studies. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 71-83   | 5.9 | 87        |
| 82 | 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        |
| 81 | Oleuropein and hydroxytyrosol activate GPER/ GPR30-dependent pathways leading to apoptosis of ER-negative SKBR3 breast cancer cells. <i>Molecular Nutrition and Food Research</i> , <b>2014</b> , 58, 478-89  | 5.9 | 71        |

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|----|---|------|----|
| 80 | Insulin-like growth factor-I regulates GPER expression and function in cancer cells. <i>Oncogene</i> , <b>2013</b> , 32, 678-88   | 9.2  | 71 |
| 79 | Differential regulation of 11 beta-hydroxylase and aldosterone synthase in human adrenocortical H295R cells. <i>Molecular and Cellular Endocrinology</i> , <b>1996</b> , 121, 87-91   | 4.4  | 70 |
| 78 | Insulin-like growth factor-I, regulating aromatase expression through steroidogenic factor 1, supports estrogen-dependent tumor Leydig cell proliferation. <i>Cancer Research</i> , <b>2007</b> , 67, 8368-77   | 10.1 | 64 |
| 77 | Antiestrogens upregulate estrogen receptor beta expression and inhibit adrenocortical H295R cell proliferation. <i>Journal of Molecular Endocrinology</i> , <b>2005</b> , 35, 245-56  | 4.5  | 64 |
| 76 | Role of calmodulin-dependent protein kinase II in the acute stimulation of aldosterone production. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1996</b> , 58, 417-24  | 5.1  | 64 |
| 75 | Synthesis and in vitro and in vivo antitumor activity of 2-phenylpyrroloquinolin-4-ones. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 3417-27  | 8.3  | 61 |
| 74 | Cross-talk between GPER and growth factor signaling. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2013</b> , 137, 50-6   | 5.1  | 59 |
| 73 | Regulation of aromatase expression by the nuclear receptor LRH-1 in adipose tissue. <i>Molecular and Cellular Endocrinology</i> , <b>2004</b> , 215, 39-44  | 4.4  | 58 |
| 72 | Ca(2+)-regulated expression of aldosterone synthase is mediated by calmodulin and calmodulin-dependent protein kinases. <i>Endocrinology</i> , <b>1997</b> , 138, 835-8   | 4.8  | 54 |
| 71 | Effects of atrazine on estrogen receptor $\beta$ and G protein-coupled receptor 30-mediated signaling and proliferation in cancer cells and cancer-associated fibroblasts. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 493-9  | 8.4  | 53 |
| 70 | Development of a novel cell based androgen screening model. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2016</b> , 156, 17-22   | 5.1  | 50 |
| 69 | The nuclear localization signal is required for nuclear GPER translocation and function in breast Cancer-Associated Fibroblasts (CAFs). <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 376, 23-32  | 4.4  | 50 |
| 68 | Gper and ESRs are expressed in rat round spermatids and mediate oestrogen-dependent rapid pathways modulating expression of cyclin B1 and Bax. <i>Journal of Developmental and Physical Disabilities</i> , <b>2011</b> , 34, 420-9  |      | 47 |
| 67 | 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 |
| 66 | Synthesis and biological activity of 7-phenyl-6,9-dihydro-3H-pyrrolo[3,2-f]quinolin-9-ones: a new class of antimetabolic agents devoid of aromatase activity. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 1910-5  | 8.3  | 46 |
| 65 | Triiodothyronine decreases the activity of the proximal promoter (P1) of the aromatase gene in the mouse Sertoli cell line, TM4. <i>Molecular Endocrinology</i> , <b>2003</b> , 17, 923-34  |      | 46 |
| 64 | Targeting estrogen receptor- $\beta$ reduces adrenocortical cancer (ACC) cell growth in vitro and in vivo: potential therapeutic role of selective estrogen receptor modulators (SERMs) for ACC treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, E2238-50 | 5.6  | 45 |
| 63 | Synthesis and cytotoxic activity evaluation of 2,3-thiazolidin-4-one derivatives on human breast cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2013</b> , 23, 4990-5  | 2.9  | 44 |

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|----|--|-----|----|
| 62 | Quantitative assessment of CYP11B1 and CYP11B2 expression in aldosterone-producing adenomas. <i>European Journal of Endocrinology</i> , <b>2002</b> , 147, 795-802   | 6.5 | 43 |
| 61 | A role for src tyrosine kinase in regulating adrenal aldosterone production. <i>Journal of Molecular Endocrinology</i> , <b>2001</b> , 26, 207-15  | 4.5 | 42 |
| 60 | 17 $\beta$ -Estradiol activates GPER- and ESR1-dependent pathways inducing apoptosis in GC-2 cells, a mouse spermatocyte-derived cell line. <i>Molecular and Cellular Endocrinology</i> , <b>2012</b> , 355, 49-59       | 4.4 | 39 |
| 59 | Biological activity of 3-chloro-azetidin-2-one derivatives having interesting antiproliferative activity on human breast cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2013</b> , 23, 6401-5 | 2.9 | 39 |
| 58 | 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 |
| 57 | Expression of aromatase and estrogen receptors in human adrenocortical tumors. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2008</b> , 452, 181-91                   | 5.1 | 36 |
| 56 | GPER1 is regulated by insulin in cancer cells and cancer-associated fibroblasts. <i>Endocrine-Related Cancer</i> , <b>2014</b> , 21, 739-53  | 5.7 | 35 |
| 55 | GPER agonist G-1 decreases adrenocortical carcinoma (ACC) cell growth in vitro and in vivo. <i>Oncotarget</i> , <b>2015</b> , 6, 19190-203   | 3.3 | 35 |
| 54 | Inhibition of human topoisomerase I and II and anti-proliferative effects on MCF-7 cells by new titanocene complexes. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 7302-12                              | 3.4 | 34 |
| 53 | Synthesis of a new bis(indolyl)methane that inhibits growth and induces apoptosis in human prostate cancer cells. <i>Natural Product Research</i> , <b>2013</b> , 27, 2039-45  | 2.3 | 34 |
| 52 | A new role of anandamide in human sperm: focus on metabolism. <i>Journal of Cellular Physiology</i> , <b>2009</b> , 221, 147-53  | 7   | 34 |
| 51 | Structure-activity relationships of resveratrol and derivatives in breast cancer cells. <i>Molecular Nutrition and Food Research</i> , <b>2009</b> , 53, 845-58  | 5.9 | 34 |
| 50 | Selective GPER activation decreases proliferation and activates apoptosis in tumor Leydig cells. <i>Cell Death and Disease</i> , <b>2013</b> , 4, e747   | 9.8 | 33 |
| 49 | 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 |
| 48 | Design, synthesis, and structure-activity relationships of azolylmethylpyrroloquinolines as nonsteroidal aromatase inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 7536-51                         | 8.3 | 32 |
| 47 | 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 |
| 46 | 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 |
| 45 | 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 |

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|----|---|-----|----|
| 44 | Antiproliferative activity of some 1,4-dimethylcarbazoles on cells that express estrogen receptors: part I. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2012</b> , 27, 609-13  | 5.6 | 30 |
| 43 | The Tumor Suppressor as Molecular Switch Node Regulating Cell Metabolism and Autophagy: Implications in Immune System and Tumor Microenvironment. <i>Cells</i> , <b>2020</b> , 9,   | 7.9 | 26 |
| 42 | 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 |
| 41 | GPER Signaling in Spermatogenesis and Testicular Tumors. <i>Frontiers in Endocrinology</i> , <b>2014</b> , 5, 30  | 5.7 | 23 |
| 40 | SLC37A1 gene expression is up-regulated by epidermal growth factor in breast cancer cells. <i>Breast Cancer Research and Treatment</i> , <b>2010</b> , 122, 755-64  | 4.4 | 23 |
| 39 | Molecularly Imprinted Polymers (MIPs) as Theranostic Systems for Sunitinib Controlled Release and Self-Monitoring in Cancer Therapy. <i>Pharmaceutics</i> , <b>2020</b> , 12,   | 6.4 | 22 |
| 38 | 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 |
| 37 | Resveratrol and Its Analogs As Antitumoral Agents For Breast Cancer Treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2016</b> , 16, 699-709   | 3.2 | 22 |
| 36 | Nandrolone and stanozolol upregulate aromatase expression and further increase IGF-I-dependent effects on MCF-7 breast cancer cell proliferation. <i>Molecular and Cellular Endocrinology</i> , <b>2012</b> , 363, 100-104  | 4.4 | 21 |
| 35 | The AP-1 family member FOS blocks transcriptional activity of the nuclear receptor steroidogenic factor 1. <i>Journal of Cell Science</i> , <b>2010</b> , 123, 3956-65  | 5.3 | 20 |
| 34 | 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 |
| 33 | 1 $\alpha$ ,25-Dihydroxyvitamin D $_3$ inhibits the human H295R cell proliferation by cell cycle arrest: a model for a protective role of vitamin D receptor against adrenocortical cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2014</b> , 140, 26-33 | 5.1 | 19 |
| 32 | Nandrolone and stanozolol induce Leydig cell tumor proliferation through an estrogen-dependent mechanism involving IGF-I system. <i>Journal of Cellular Physiology</i> , <b>2012</b> , 227, 2079-88   | 7   | 19 |
| 31 | Localization and regulation of aromatase liver receptor homologue-1 in the developing rat testis. <i>Molecular and Cellular Endocrinology</i> , <b>2010</b> , 323, 307-13   | 4.4 | 19 |
| 30 | Ca $^{2+}$ -Regulated Expression of Aldosterone Synthase Is Mediated By Calmodulin and Calmodulin-Dependent Protein Kinases   |     | 19 |
| 29 | Steroid Receptor Signallings as Targets for Resveratrol Actions in Breast and Prostate Cancer. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,   | 6.3 | 17 |
| 28 | Design, Synthesis and Biological Evaluation of 4-(Imidazolylmethyl)-2- Aryl-Quinoline Derivatives as Aromatase Inhibitors and Anti-breast Cancer Agents. <i>Letters in Drug Design and Discovery</i> , <b>2015</b> , 13, 89-97  | 9.8 | 16 |
| 27 | Cell-based assays for screening androgen receptor ligands. <i>Seminars in Reproductive Medicine</i> , <b>2015</b> , 33, 225-34  | 1.4 | 15 |

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|----|---|-----|----|
| 26 | Shift from ConnB syndrome to CushingB syndrome in a recurrent adrenocortical carcinoma. <i>European Journal of Endocrinology</i> , <b>2005</b> , 153, 629-36  | 6.5 | 15 |
| 25 | Antioxidant activity of a Mediterranean food product: "fig syrup". <i>Nutrients</i> , <b>2011</b> , 3, 317-29   | 6.7 | 15 |
| 24 | Determination of mercury in hair: Comparison between gold amalgamation-atomic absorption spectrometry and mass spectrometry. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2017</b> , 43, 3-8 | 4.1 | 14 |
| 23 | 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 |
| 22 | Safety and Efficacy of Dextran-Rosmarinic Acid Conjugates as Innovative Polymeric Antioxidants in Skin Whitening: What Is the Evidence?. <i>Cosmetics</i> , <b>2017</b> , 4, 28                               | 2.7 | 12 |
| 21 | L. Flowers as a new promising anticancer natural product: phenolic composition, antiproliferative activity and apoptosis induction. <i>Natural Product Research</i> , <b>2021</b> , 35, 1836-1839             | 2.3 | 11 |
| 20 | Design and development of plastic antibodies against SARS-CoV-2 RBD based on molecularly imprinted polymers that inhibit virus infection. <i>Nanoscale</i> , <b>2021</b> , 13, 16885-16899                    | 7.7 | 11 |
| 19 | Calabrian Goji vs. Chinese Goji: A Comparative Study on Biological Properties. <i>Foods</i> , <b>2017</b> , 6,  | 4.9 | 10 |
| 18 | Expression of 11 $\beta$ -Hydroxylase (CYP11B1) and Aldosterone Synthase (CYP11B2) in the Human Fetal Adrenal. <i>Journal of the Society for Gynecologic Investigation</i> , <b>1997</b> , 4, 305-309         |     | 9  |
| 17 | Catalytic Double Cyclization Process for Antitumor Agents against Breast Cancer Cell Lines. <i>IScience</i> , <b>2018</b> , 3, 279-288  | 6.1 | 8  |
| 16 | cAMP-dependent regulation of CYP19 gene in rabbit preovulatory granulosa cells and corpus luteum. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2009</b> , 116, 110-7                     | 5.1 | 8  |
| 15 | Retinoylation reaction of proteins in Leydig (TM-3) cells. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2005</b> , 37, 43-8  | 3.7 | 7  |
| 14 | Role of GPER-Mediated Signaling in Testicular Functions and Tumorigenesis. <i>Cells</i> , <b>2020</b> , 9,  | 7.9 | 7  |
| 13 | Statins Reduce Intratumor Cholesterol Affecting Adrenocortical Cancer Growth. <i>Molecular Cancer Therapeutics</i> , <b>2020</b> , 19, 1909-1921  | 6.1 | 6  |
| 12 | C-MYC modulation induces responsiveness to paclitaxel in adrenocortical cancer cell lines. <i>International Journal of Oncology</i> , <b>2015</b> , 46, 2231-40   | 4.4 | 6  |
| 11 | A Phenylacetamide Resveratrol Derivative Exerts Inhibitory Effects on Breast Cancer Cell Growth. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,                                       | 6.3 | 6  |
| 10 | Role of Scaffold Protein Proline-, Glutamic Acid-, and Leucine-Rich Protein 1 (PELP1) in the Modulation of Adrenocortical Cancer Cell Growth. <i>Cells</i> , <b>2017</b> , 6,                                 | 7.9 | 5  |
| 9  | 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  |

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|---|--|-----|---|
| 8 | Interconnected PolymerS TeChnology (IPSTiC): An Effective Approach for the Modulation of 5EReductase Activity in Hair Loss Conditions. <i>Journal of Functional Biomaterials</i> , <b>2018</b> , 9,                  | 4.8 | 4 |
| 7 | Functional Albumin Nanoformulations to Fight Adrenocortical Carcinoma: a Redox-Responsive Approach. <i>Pharmaceutical Research</i> , <b>2020</b> , 37, 55  | 4.5 | 3 |
| 6 | Antitumoral Activities of Curcumin and Recent Advances to ImProve Its Oral Bioavailability. <i>Biomedicines</i> , <b>2021</b> , 9,   | 4.8 | 3 |
| 5 | In vitro anti-proliferative and anti-bacterial properties of new C7 benzoate derivatives of pinocembrin. <i>Natural Product Research</i> , <b>2021</b> , 35, 1783-1791   | 2.3 | 3 |
| 4 | Synthesis and evaluation of wound healing properties of hydro-diab hydrogel loaded with green-synthetized AGNPS: in vitro and in ex vivo studies.. <i>Drug Delivery and Translational Research</i> , <b>2022</b> , 1 | 6.2 | 3 |
| 3 | SIRT1 is involved in adrenocortical cancer growth and motility. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 3856-3869  | 5.6 | 2 |
| 2 | Most Relevant Polyphenols Present in the Mediterranean Diet and Their Incidence in Cancer Diseases <b>2014</b> , 1341-1351   |     | 1 |
| 1 | Notch Signaling in Breast Tumor Microenvironment as Mediator of Drug Resistance. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6296   | 6.3 | 0 |