

# Carmen Romero

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,053  
citations

394421

19  
h-index

414414

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1228  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Nerve Growth Factor Is Required for Early Follicular Development in the Mammalian Ovary*. <i>Endocrinology</i> , 2001, 142, 2078-2086.  | 2.8 | 184       |
| 2  | Changes in the Expression of Insulin Signaling Pathway Molecules in Endometria from Polycystic Ovary Syndrome Women with or without Hyperinsulinemia. <i>Molecular Medicine</i> , 2010, 16, 129-136.  | 4.4 | 80        |
| 3  | Nerve growth factor and its high-affinity receptor trkA participate in the control of vascular endothelial growth factor expression in epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2007, 104, 168-175.   | 1.4 | 65        |
| 4  | Metformin augments the levels of molecules that regulate the expression of the insulin-dependent glucose transporter GLUT4 in the endometria of hyperinsulinemic PCOS patients. <i>Human Reproduction</i> , 2013, 28, 2235-2244.                                  | 0.9 | 57        |
| 5  | The insulin-sensitizing mechanism of myo-inositol is associated with AMPK activation and GLUT-4 expression in human endometrial cells exposed to a PCOS environment. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E237-E248. | 3.5 | 53        |
| 6  | Effects of nerve growth factor (NGF) on blood vessels area and expression of the angiogenic factors VEGF and TGFbeta1 in the rat ovary. <i>Reproductive Biology and Endocrinology</i> , 2006, 4, 57.  | 3.3 | 44        |
| 7  | Release of Norepinephrine from Human Ovary: Coupling to Steroidogenic Response. <i>Endocrine</i> , 2001, 15, 187-192.   | 2.2 | 42        |
| 8  | Role of the transcriptional factors FOXO1 and PPARG on gene expression of SLC2A4 in endometrial tissue from women with polycystic ovary syndrome. <i>Reproduction</i> , 2010, 140, 123-131.   | 2.6 | 41        |
| 9  | Role of nerve growth factor and its TRKA receptor in normal ovarian and epithelial ovarian cancer angiogenesis. <i>Journal of Ovarian Research</i> , 2014, 7, 82.   | 3.0 | 41        |
| 10 | Tyrosine kinase A receptor (trkA): A potential marker in epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2011, 121, 13-23.   | 1.4 | 39        |
| 11 | Pro-Inflammatory Markers Negatively Regulate IRS1 in Endometrial Cells and Endometrium from Women with Obesity and PCOS. <i>Reproductive Sciences</i> , 2020, 27, 290-300.  | 2.5 | 39        |
| 12 | Role of Nerve Growth Factor (NGF) and miRNAs in Epithelial Ovarian Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 507.  | 4.1 | 32        |
| 13 | Altered Steroid Metabolism and Insulin Signaling in PCOS Endometria: Impact in Tissue Function. <i>Current Pharmaceutical Design</i> , 2016, 22, 5614-5624.   | 1.9 | 31        |
| 14 | Endometrium and steroids, a pathologic overview. <i>Steroids</i> , 2017, 126, 85-91.  | 1.8 | 30        |
| 15 | Angiogenesis in Gynecological Cancers: Role of Neurotrophins. <i>Frontiers in Oncology</i> , 2019, 9, 913.  | 2.8 | 29        |
| 16 | Enhanced caveolin-1 expression increases migration, anchorage-independent growth and invasion of endometrial adenocarcinoma cells. <i>BMC Cancer</i> , 2015, 15, 463.   | 2.6 | 26        |
| 17 | Effect of TNF- $\alpha$ on Molecules Related to the Insulin Action in Endometrial Cells Exposed to Hyperandrogenic and Hyperinsulinic Conditions Characteristics of Polycystic Ovary Syndrome. <i>Reproductive Sciences</i> , 2018, 25, 1000-1009.                | 2.5 | 23        |
| 18 | Metformin prevents nerve growth factor-dependent proliferative and proangiogenic effects in epithelial ovarian cancer cells and endothelial cells. <i>Therapeutic Advances in Medical Oncology</i> , 2018, 10, 175883591877098.                                   | 3.2 | 22        |

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|----|---|-----|-----------|
| 19 | NGF-Enhanced Vasculogenic Properties of Epithelial Ovarian Cancer Cells Is Reduced by Inhibition of the COX-2/PGE2 Signaling Axis. <i>Cancers</i> , 2019, 11, 1970.   | 3.7 | 21        |
| 20 | Hyperandrogenism Decreases GRP78 Protein Level and Glucose Uptake in Human Endometrial Stromal Cells. <i>Reproductive Sciences</i> , 2016, 23, 761-770.   | 2.5 | 20        |
| 21 | Role of dihydrotestosterone (DHT) on TGF- $\beta$ 1 signaling pathway in epithelial ovarian cancer cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 47-58.   | 2.5 | 20        |
| 22 | NGF/TRKA Decrease miR-145-5p Levels in Epithelial Ovarian Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7657.  | 4.1 | 20        |
| 23 | The role of androst-5-ene-3 $\beta$ ,17 $\beta$ -diol (androstenediol) in cell proliferation in endometrium of women with polycystic ovary syndrome. <i>Steroids</i> , 2014, 89, 11-19.   | 1.8 | 17        |
| 24 | Expression of steroid sulfated transporters and 3 $\beta$ -HSD activity in endometrium of women having polycystic ovary syndrome. <i>Steroids</i> , 2015, 104, 189-195.   | 1.8 | 13        |
| 25 | Metformin Reduces NGF-Induced Tumour Promoter Effects in Epithelial Ovarian Cancer Cells. <i>Pharmaceuticals</i> , 2020, 13, 315.   | 3.8 | 12        |
| 26 | Current Treatments and New Possible Complementary Therapies for Epithelial Ovarian Cancer. <i>Biomedicines</i> , 2022, 10, 77.  | 3.2 | 12        |
| 27 | Combined dexamethasone and desmopressin test in the differential diagnosis of ACTH-dependent Cushing's syndrome and pseudo-cushing's states. <i>Pituitary</i> , 2017, 20, 602-603.  | 2.9 | 8         |
| 28 | Molecular Mechanisms of Androstenediol in the Regulation of the Proliferative Process of Human Endometrial Cells. <i>Reproductive Sciences</i> , 2017, 24, 1079-1087.   | 2.5 | 7         |
| 29 | Role of Mitochondria in Interplay between NGF/TRKA, miR-145 and Possible Therapeutic Strategies for Epithelial Ovarian Cancer. <i>Life</i> , 2022, 12, 8.   | 2.4 | 7         |
| 30 | Effect of estradiol on the expression of angiogenic factors in epithelial ovarian cancer. <i>Histology and Histopathology</i> , 2017, 32, 1187-1196.  | 0.7 | 6         |
| 31 | Metformin Treatment Regulates the Expression of Molecules Involved in Adiponectin and Insulin Signaling Pathways in Endometria from Women with Obesity-Associated Insulin Resistance and PCOS. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3922. | 4.1 | 5         |
| 32 | Follicle-stimulating hormone promotes nerve growth factor and vascular endothelial growth factor expression in epithelial ovarian cells. <i>Histology and Histopathology</i> , 2020, 35, 961-971.   | 0.7 | 4         |
| 33 | NGF/TRKA Promotes ADAM17-Dependent Cleavage of P75 in Ovarian Cells: Elucidating a Pro-Tumoral Mechanism. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2124.  | 4.1 | 2         |
| 34 | Antitumoral Effects of Metformin in Ovarian Cancer. , 0, , .  |     | 1         |
| 35 | Peptide Targeted Gold Nanoplatform Carrying miR-145 Induces Antitumoral Effects in Ovarian Cancer Cells. <i>Pharmaceutics</i> , 2022, 14, 958.  | 4.5 | 0         |