

Bo R Rueda

List of Publications by Year in descending order

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118
papers

6,522
citations

61857

43
h-index

69108

77
g-index

119
all docs

119
docs citations

119
times ranked

9234
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of interleukin-8 preserves the angiogenic response in HIF-1 α -deficient colon cancer cells. <i>Nature Medicine</i> , 2005, 11, 992-997.	15.2	394
2	CD133 Expression Defines a Tumor Initiating Cell Population in Primary Human Ovarian Cancer. <i>Stem Cells</i> , 2009, 27, 2875-2883.	1.4	386
3	Redefining the relevance of established cancer cell lines to the study of mechanisms of clinical anti-cancer drug resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18708-18713.	3.3	381
4	Leptin Signaling Promotes the Growth of Mammary Tumors and Increases the Expression of Vascular Endothelial Growth Factor (VEGF) and Its Receptor Type Two (VEGF-R2). <i>Journal of Biological Chemistry</i> , 2006, 281, 26320-26328.	1.6	216
5	Endometrial Cancer in Women 40 Years Old or Younger. <i>Gynecologic Oncology</i> , 2001, 83, 388-393.	0.6	209
6	The corpus luteum: an ovarian structure with maternal instincts and suicidal tendencies. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, d1949.	3.0	159
7	Caspase-3 Gene Knockout Defines Cell Lineage Specificity for Programmed Cell Death Signaling in the Ovary*. <i>Endocrinology</i> , 2001, 142, 2468-2480.	1.4	156
8	HIF-1 α and HIF-2 α have divergent roles in colon cancer. <i>International Journal of Cancer</i> , 2009, 124, 763-771.	2.3	151
9	Characterization of twenty-five ovarian tumour cell lines that phenocopy primary tumours. <i>Nature Communications</i> , 2015, 6, 7419.	5.8	149
10	Ovarian cancer stem cell markers: Prognostic and therapeutic implications. <i>Cancer Letters</i> , 2012, 322, 1-7.	3.2	148
11	Leptin-signaling inhibition results in efficient anti-tumor activity in estrogen receptor positive or negative breast cancer. <i>Breast Cancer Research</i> , 2009, 11, R36.	2.2	138
12	Constitutive Activation of Beta-Catenin in Uterine Stroma and Smooth Muscle Leads to the Development of Mesenchymal Tumors in Mice1. <i>Biology of Reproduction</i> , 2009, 81, 545-552.	1.2	129
13	Ovarian cancer stem cells: Working towards the root of stemness. <i>Cancer Letters</i> , 2013, 338, 147-157.	3.2	122
14	Decreased Progesterone Levels and Progesterone Receptor Antagonists Promote Apoptotic Cell Death in Bovine Luteal Cells1. <i>Biology of Reproduction</i> , 2000, 62, 269-276.	1.2	112
15	Caspase-3 Is a Pivotal Mediator of Apoptosis during Regression of the Ovarian Corpus Luteum. <i>Endocrinology</i> , 2002, 143, 1495-1501.	1.4	112
16	Increased bax and Interleukin-1 β -Converting Enzyme Messenger Ribonucleic Acid Levels Coincide with Apoptosis in the Bovine Corpus Luteum during Structural Regression1. <i>Biology of Reproduction</i> , 1997, 56, 186-193.	1.2	111
17	Evidence for Cancer Stem Cells in Human Endometrial Carcinoma. <i>Cancer Research</i> , 2009, 69, 8241-8248.	0.4	111
18	The Current Status of Evidence for and Against Postnatal Oogenesis in Mammals: A Case of Ovarian Optimism Versus Pessimism?1. <i>Biology of Reproduction</i> , 2009, 80, 2-12.	1.2	101

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19	Functional analyses of the cancer stem cell-like properties of human endometrial tumor initiating cells. <i>Cell Cycle</i> , 2008, 7, 242-249.	1.3	94
20	Microvascular endothelial cells of the corpus luteum. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 89.	1.4	92
21	Leptin regulation of proangiogenic molecules in benign and cancerous endometrial cells. <i>International Journal of Cancer</i> , 2008, 123, 2782-2790.	2.3	86
22	Prolonging the female reproductive lifespan and improving egg quality with dietary omega-3 fatty acids. <i>Aging Cell</i> , 2012, 11, 1046-1054.	3.0	86
23	Endometrial cancer is a receptor-mediated target for Mullerian Inhibiting Substance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 111-116.	3.3	85
24	Enhanced Efficacy of Simultaneous PD-1 and PD-L1 Immune Checkpoint Blockade in High-Grade Serous Ovarian Cancer. <i>Cancer Research</i> , 2021, 81, 158-173.	0.4	85
25	The Epidemiology and Genetics of Uterine Leiomyoma. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2016, 34, 3-12.	1.4	75
26	Loss of Cables, a Cyclin-Dependent Kinase Regulatory Protein, Is Associated with the Development of Endometrial Hyperplasia and Endometrial Cancer. <i>Cancer Research</i> , 2004, 64, 202-208.	0.4	72
27	Notch signaling in serous ovarian cancer. <i>Journal of Ovarian Research</i> , 2014, 7, 95.	1.3	71
28	Prostaglandin F2 α Stimulates the Expression and Secretion of Transforming Growth Factor B1 Via Induction of the Early Growth Response 1 Gene (EGR1) in the Bovine Corpus Luteum. <i>Molecular Endocrinology</i> , 2008, 22, 403-414.	3.7	70
29	Inhibition of Hedgehog Signaling Antagonizes Serous Ovarian Cancer Growth in a Primary Xenograft Model. <i>PLoS ONE</i> , 2011, 6, e28077.	1.1	62
30	Tissue-specific signatures of activating PIK3CA and RAS mutations in carcinosarcomas of gynecologic origin. <i>Gynecologic Oncology</i> , 2011, 121, 212-217.	0.6	61
31	Multidrug Resistance-Linked Gene Signature Predicts Overall Survival of Patients with Primary Ovarian Serous Carcinoma. <i>Clinical Cancer Research</i> , 2012, 18, 3197-3206.	3.2	60
32	Signaling mechanisms in tumor necrosis factor alpha-induced death of microvascular endothelial cells of the corpus luteum. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 17.	1.4	58
33	Characterization of immune regulatory molecules B7-H4 and PD-L1 in low and high grade endometrial tumors. <i>Gynecologic Oncology</i> , 2017, 145, 446-452.	0.6	57
34	CD95 Rapidly Clusters in Cells of Diverse Origins. <i>Cancer Biology and Therapy</i> , 2003, 2, 392-395.	1.5	56
35	The Therapeutic Challenge of Targeting HER2 in Endometrial Cancer. <i>Oncologist</i> , 2015, 20, 1058-1068.	1.9	56
36	Decreased survival in EGFR gene amplified vulvar carcinoma. <i>Gynecologic Oncology</i> , 2008, 111, 289-297.	0.6	55

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37	Utility of pre-operative serum CA-125 in the management of uterine papillary serous carcinoma. <i>Gynecologic Oncology</i> , 2008, 110, 293-298.	0.6	53
38	Ablation of Leptin Signaling Disrupts the Establishment, Development, and Maintenance of Endometriosis-Like Lesions in a Murine Model. <i>Endocrinology</i> , 2008, 149, 506-514.	1.4	52
39	The Cables1 Gene in Glucocorticoid Regulation of Pituitary Corticotrope Growth and Cushing Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 513-522.	1.8	52
40	Ultra-rapid vitrification of mouse oocytes in low cryoprotectant concentrations. <i>Reproductive BioMedicine Online</i> , 2010, 20, 201-208.	1.1	49
41	Evidence for cancer stem cells contributing to the pathogenesis of ovarian cancer. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 368.	3.0	49
42	A Human Papillomavirus-Independent Cervical Cancer Animal Model Reveals Unconventional Mechanisms of Cervical Carcinogenesis. <i>Cell Reports</i> , 2019, 26, 2636-2650.e5.	2.9	49
43	Epigenetic regulation of CD133 and tumorigenicity of CD133 positive and negative endometrial cancer cells. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 147.	1.4	48
44	Putative Role of the Phosphatidylinositol 3-Kinase/Akt Signaling Pathway in the Survival of Granulosa Cells. <i>Endocrine</i> , 2000, 12, 315-321.	2.2	46
45	BRCA1-Associated Epigenetic Regulation of p73 Mediates an Effector Pathway for Chemosensitivity in Ovarian Carcinoma. <i>Cancer Research</i> , 2010, 70, 7155-7165.	0.4	46
46	Inhibition of AKT with the Orally Active Allosteric AKT Inhibitor, MK-2206, Sensitizes Endometrial Cancer Cells to Progesterin. <i>PLoS ONE</i> , 2012, 7, e41593.	1.1	45
47	Progesterone receptor membrane component 1 deficiency attenuates growth while promoting chemosensitivity of human endometrial xenograft tumors. <i>Cancer Letters</i> , 2015, 356, 434-442.	3.2	45
48	Novel anti-Sialyl-Tn monoclonal antibodies and antibody-drug conjugates demonstrate tumor specificity and anti-tumor activity. <i>MABs</i> , 2017, 9, 615-627.	2.6	45
49	Progesterone receptor membrane component 1 promotes survival of human breast cancer cells and the growth of xenograft tumors. <i>Cancer Biology and Therapy</i> , 2016, 17, 262-271.	1.5	44
50	YAP and LATS2 feedback loop dictates senescent or malignant cell fate to maintain tissue homeostasis. <i>EMBO Reports</i> , 2019, 20, .	2.0	44
51	Characterization of extracellular DDX4- or Ddx4-positive ovarian cells. <i>Nature Medicine</i> , 2015, 21, 1114-1116.	15.2	41
52	Ovarian cancer stem cells: What progress have we made?. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 107, 92-103.	1.2	41
53	PARP Inhibition Induces Enrichment of DNA Repair-Proficient CD133 and CD117 Positive Ovarian Cancer Stem Cells. <i>Molecular Cancer Research</i> , 2019, 17, 431-445.	1.5	40
54	Cooperative Expression of Monocyte Chemoattractant Protein 1 Within the Bovine Corpus Luteum: Evidence of Immune Cell-Endothelial Cell Interactions in a Coculture System. <i>Biology of Reproduction</i> , 2005, 72, 1169-1176.	1.2	39

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55	Dendritic cells in the circulation of women with preeclampsia demonstrate a pro-inflammatory bias secondary to dysregulation of TLR receptors. <i>Journal of Reproductive Immunology</i> , 2012, 94, 210-215.	0.8	38
56	MicroRNAs in the development and pathobiology of uterine leiomyomata: does evidence support future strategies for clinical intervention?. <i>Human Reproduction Update</i> , 2014, 20, 670-687.	5.2	38
57	Integrated Analysis of Multiple Microarray Datasets Identifies a Reproducible Survival Predictor in Ovarian Cancer. <i>PLoS ONE</i> , 2011, 6, e18202.	1.1	35
58	Stem Cell Contribution to Ovarian Development, Function, and Disease. <i>Endocrinology</i> , 2008, 149, 4307-4311.	1.4	34
59	Inhibition of Notch Signaling in Combination with Paclitaxel Reduces Platinum-Resistant Ovarian Tumor Growth. <i>Frontiers in Oncology</i> , 2014, 4, 171.	1.3	34
60	Assessing the efficacy of targeting the phosphatidylinositol 3-kinase/AKT/mTOR signaling pathway in endometrial cancer. <i>Gynecologic Oncology</i> , 2014, 133, 346-352.	0.6	34
61	Prostaglandin F2 α - and FAS-activating antibody-induced regression of the corpus luteum involves caspase-8 and is defective in caspase-3 deficient mice. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 15.	1.4	33
62	Prostaglandin F2 α Represses IGF-I-Stimulated IRS1/Phosphatidylinositol-3-Kinase/AKT Signaling in the Corpus Luteum: Role of ERK and P70 Ribosomal S6 Kinase. <i>Molecular Endocrinology</i> , 2010, 24, 632-643.	3.7	33
63	Dendritic Cells Attenuate the Early Establishment of Endometriosis-Like Lesions in a Murine Model. <i>Reproductive Sciences</i> , 2014, 21, 1228-1236.	1.1	33
64	Overactive mTOR signaling leads to endometrial hyperplasia in aged women and mice. <i>Oncotarget</i> , 2017, 8, 7265-7275.	0.8	33
65	Characterization and Regulation of Type A Endothelin Receptor Gene Expression in Bovine Luteal Cell Types. <i>Endocrinology</i> , 1999, 140, 2110-2116.	1.4	32
66	Genome Wide DNA Copy Number Analysis of Serous Type Ovarian Carcinomas Identifies Genetic Markers Predictive of Clinical Outcome. <i>PLoS ONE</i> , 2012, 7, e30996.	1.1	32
67	The Cables Gene on Chromosome 18q Is Silenced by Promoter Hypermethylation and Allelic Loss in Human Colorectal Cancer. <i>American Journal of Pathology</i> , 2007, 171, 1509-1519.	1.9	30
68	Transient commensal clonal interactions can drive tumor metastasis. <i>Nature Communications</i> , 2020, 11, 5799.	5.8	30
69	Acid sphingomyelinase involvement in tumor necrosis factor α -regulated vascular and steroid disruption during luteolysis in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7670-7675.	3.3	29
70	HER2 over-expressing high grade endometrial cancer expresses high levels of p95HER2 variant. <i>Gynecologic Oncology</i> , 2015, 137, 160-166.	0.6	29
71	Correlates of the preoperative level of CA125 at presentation of ovarian cancer. <i>Gynecologic Oncology</i> , 2010, 119, 462-468.	0.6	28
72	Longitudinal expression of Toll-like receptors on dendritic cells in uncomplicated pregnancy and postpartum. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 210, 445.e1-445.e6.	0.7	28

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73	The Anti-inflammatory Impact of Omega-3 Polyunsaturated Fatty Acids During the Establishment of Endometriosis-Like Lesions. <i>American Journal of Reproductive Immunology</i> , 2014, 72, 392-402.	1.2	27
74	The Metabolic Inhibitor CPI-613 Negates Treatment Enrichment of Ovarian Cancer Stem Cells. <i>Cancers</i> , 2019, 11, 1678.	1.7	26
75	Humanized anti-Sialyl-Tn antibodies for the treatment of ovarian carcinoma. <i>PLoS ONE</i> , 2018, 13, e0201314.	1.1	25
76	Loss of CABLES1, a Cyclin-dependent Kinase-interacting Protein that Inhibits Cell Cycle Progression, Results in Germline Expansion at the Expense of Oocyte Quality in Adult Female Mice. <i>Cell Cycle</i> , 2007, 6, 2678-2684.	1.3	24
77	Cables1 protects p63 from proteasomal degradation to ensure deletion of cells after genotoxic stress. <i>EMBO Reports</i> , 2010, 11, 633-639.	2.0	22
78	Adrenomedullin is a therapeutic target in colorectal cancer. <i>International Journal of Cancer</i> , 2014, 134, 2041-2050.	2.3	22
79	Influence of a novel histone deacetylase inhibitor panobinostat (LBH589) on the growth of ovarian cancer. <i>Journal of Ovarian Research</i> , 2016, 9, 58.	1.3	22
80	MicroRNA 21a-5p overexpression impacts mediators of extracellular matrix formation in uterine leiomyoma. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 46.	1.4	22
81	Understanding and Targeting Apoptotic Pathways in Ovarian Cancer. <i>Cancers</i> , 2019, 11, 1631.	1.7	22
82	Stress-induced mitogen-activated protein kinase signaling in the corpus luteum. <i>Molecular and Cellular Endocrinology</i> , 2000, 164, 59-67.	1.6	21
83	Loss of Cables, a Novel Gene on Chromosome 18q, in Ovarian Cancer. <i>Modern Pathology</i> , 2003, 16, 863-868.	2.9	21
84	Upregulation of MUC4 in Cervical Squamous Cell Carcinoma: Pathologic Significance. <i>International Journal of Gynecological Pathology</i> , 2009, 28, 127-133.	0.9	20
85	Dual HER2 Targeting Impedes Growth of <i>HER2</i> Gene-Amplified Uterine Serous Carcinoma Xenografts. <i>Clinical Cancer Research</i> , 2014, 20, 6517-6528.	3.2	20
86	Treatment of ovarian cancer by targeting the tumor stem cell-associated carbohydrate antigen, Sialyl-Thomsen-nouveau. <i>Oncotarget</i> , 2018, 9, 23289-23305.	0.8	20
87	Galectins and Ovarian Cancer. <i>Cancers</i> , 2020, 12, 1421.	1.7	18
88	Targeting galectin-3 with a high-affinity antibody for inhibition of high-grade serous ovarian cancer and other MUC16/CA-125-expressing malignancies. <i>Scientific Reports</i> , 2021, 11, 3718.	1.6	18
89	Increased growth rate, Delayed senescence and decreased serum dependence characterize cables-deficient cells. <i>Cancer Biology and Therapy</i> , 2005, 4, 654-658.	1.5	16
90	Mechanisms of Cables 1 gene inactivation in human ovarian cancer development. <i>Cancer Biology and Therapy</i> , 2008, 7, 180-188.	1.5	16

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91	Inhibition of gamma-secretase activity impedes uterine serous carcinoma growth in a human xenograft model. <i>Gynecologic Oncology</i> , 2014, 133, 607-615.	0.6	16
92	Defining the extent of cables loss in endometrial cancer subtypes and its effectiveness as an inhibitor of cell proliferation in malignant endometrial cells in vitro and in vivo. <i>Cancer Biology and Therapy</i> , 2005, 4, 110-114.	1.5	15
93	Metformin therapy in a hyperandrogenic anovulatory mutant murine model with polycystic ovarian syndrome characteristics improves oocyte maturity during superovulation. <i>Journal of Ovarian Research</i> , 2011, 4, 8.	1.3	15
94	The N-methyl-D-aspartate Receptor, a Precursor to N-methyl-D-aspartate Receptor Encephalitis, is Found in the Squamous Tissue of Ovarian Teratomas. <i>International Journal of Gynecological Pathology</i> , 2014, 33, 598-606.	0.9	15
95	Mouse models of uterine corpus tumors clinical significance and utility. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 882-905.	0.9	13
96	Cytokeratin 18 expression inhibits cytokine-induced death of cervical cancer cells. <i>International Journal of Gynecological Cancer</i> , 2010, 20, 1474-81.	1.2	10
97	<i>cables1</i> is required for embryonic neural development: molecular, cellular, and behavioral evidence from the zebrafish. <i>Molecular Reproduction and Development</i> , 2011, 78, 22-32.	1.0	9
98	MicroRNA-15b regulates reversion-inducing cysteine-rich protein with Kazal motifs (RECK) expression in human uterine leiomyoma. <i>Reproductive Biology and Endocrinology</i> , 2016, 14, 45.	1.4	9
99	Mutant mouse models and their contribution to our knowledge of corpus luteum development, function and regression. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 87.	1.4	8
100	Reprogramming of ovarian granulosa cells by YAP1 leads to development of high-grade cancer with mesenchymal lineage and serous features. <i>Science Bulletin</i> , 2020, 65, 1281-1296.	4.3	8
101	Exploiting the Prevalence of Homologous Recombination Deficiencies in High-Grade Serous Ovarian Cancer. <i>Cancers</i> , 2020, 12, 1206.	1.7	6
102	Sunitinib reduces recurrent pelvic adhesions in a rabbit model. <i>Journal of Surgical Research</i> , 2012, 178, 860-865.	0.8	5
103	Evaluation of anastomotic strength and drug safety after short-term sunitinib administration in rabbits. <i>Journal of Surgical Research</i> , 2014, 187, 101-106.	0.8	5
104	CABLES1 Deficiency Impairs Quiescence and Stress Responses of Hematopoietic Stem Cells in Intrinsic and Extrinsic Manners. <i>Stem Cell Reports</i> , 2019, 13, 274-290.	2.3	5
105	Human papillomavirus targets the YAP1-LATS2 feedback loop to drive cervical cancer development. <i>Oncogene</i> , 2022, 41, 3761-3777.	2.6	5
106	Ovine Prostaglandin F ₂ Receptor: Steroid Influence on Steady-State Levels of Luteal mRNA. <i>Endocrine</i> , 1999, 10, 105-112.	2.2	4
107	The impact of vitrification on murine germinal vesicle oocyte In vitro maturation and aurora kinase A protein expression. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 1695-1702.	1.2	4
108	Effect of sunitinib on functional reproductive outcome in a rabbit model. <i>Fertility and Sterility</i> , 2012, 98, 496-502.	0.5	3

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109	Ridaforolimus improves the anti-tumor activity of dual HER2 blockade in uterine serous carcinoma in vivo models with HER2 gene amplification and PIK3CA mutation. <i>Gynecologic Oncology</i> , 2016, 141, 570-579.	0.6	3
110	Antibody-Peptide Epitope Conjugates for Personalized Cancer Therapy. <i>Cancer Research</i> , 2022, 82, 773-784.	0.4	3
111	Surgical Debulking Before or After Chemotherapy: Stemming the Tide on Ovarian Cancer Recurrence. <i>Onkologie</i> , 2010, 33, 286-287.	1.1	1
112	No REST for fibroids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1980-1981.	3.3	1
113	Enhanced Efficacy of Aurora Kinase Inhibitors in G2/M Checkpoint Deficient TP53 Mutant Uterine Carcinomas Is Linked to the Summation of LKB1- AKT -p53 Interactions. <i>Cancers</i> , 2021, 13, 2195.	1.7	0
114	Cables 1 Mediates Progesterone-Induced Inhibition of Endometrial Epithelial Cell Proliferation.. <i>Biology of Reproduction</i> , 2008, 78, 129-129.	1.2	0
115	Defining the Antagonistic Role of Omega-3 Polyunsaturated Fatty Acid in the Establishment and Early Maintenance of Endometriosis-Like Lesions in a Murine Model.. <i>Biology of Reproduction</i> , 2011, 85, 379-379.	1.2	0
116	Inhibition of gamma-secretase activity in combination with paclitaxel to reduce platinum-resistant ovarian tumor growth.. <i>Journal of Clinical Oncology</i> , 2013, 31, 5578-5578.	0.8	0
117	Targeting the PI3K signaling cascade in <i>PIK3CA</i> mutated endometrial cancer in a primary human xenograft model.. <i>Journal of Clinical Oncology</i> , 2013, 31, e13564-e13564.	0.8	0
118	Abstract 3390: Preliminary results for a novel single extracellular vesicle assay for early stage ovarian cancer: The power of co-localized detection of surface biomarkers. <i>Cancer Research</i> , 2022, 82, 3390-3390.	0.4	0