

# Ruth A Keri

## List of Publications by Year in descending order

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105  
papers

5,481  
citations

94433

37  
h-index

82547

72  
g-index

153  
all docs

153  
docs citations

153  
times ranked

8301  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the carcinogenic potential of bisphenol A. <i>Reproductive Toxicology</i> , 2016, 59, 167-182.	2.9	336
2	An evaluation of evidence for the carcinogenic activity of bisphenol A. <i>Reproductive Toxicology</i> , 2007, 24, 240-252.	2.9	249
3	FOXA1 is an essential determinant of ER $\alpha$ expression and mammary ductal morphogenesis. <i>Development (Cambridge)</i> , 2010, 137, 2045-2054.	2.5	184
4	FOXA1: a transcription factor with parallel functions in development and cancer. <i>Bioscience Reports</i> , 2012, 32, 113-130.	2.4	163
5	Enhanced Delivery of Chemotherapy to Tumors Using a Multicomponent Nanochain with Radio-Frequency-Tunable Drug Release. <i>ACS Nano</i> , 2012, 6, 4157-4168.	14.6	155
6	A Steroidogenic Factor-1 Binding Site Is Required for Activity of the Luteinizing Hormone $\beta$ Subunit Promoter in Gonadotropes of Transgenic Mice. <i>Journal of Biological Chemistry</i> , 1996, 271, 10782-10785.	3.4	151
7	Krüppel-like Factor 4 Inhibits Epithelial-to-Mesenchymal Transition through Regulation of E-cadherin Gene Expression. <i>Journal of Biological Chemistry</i> , 2010, 285, 16854-16863.	3.4	141
8	Elevated luteinizing hormone induces expression of its receptor and promotes steroidogenesis in the adrenal cortex. <i>Journal of Clinical Investigation</i> , 2000, 105, 633-641.	8.2	140
9	Titanium dioxide nanoparticle-induced oxidative stress triggers DNA damage and hepatic injury in mice. <i>Nanomedicine</i> , 2014, 9, 1423-1434.	3.3	132
10	Experimental evidence that changes in oocyte growth influence meiotic chromosome segregation. <i>Human Reproduction</i> , 2002, 17, 1171-1180.	0.9	130
11	FOXA1 represses the molecular phenotype of basal breast cancer cells. <i>Oncogene</i> , 2013, 32, 554-563.	5.9	129
12	Imaging Metastasis Using an Integrin-Targeting Chain-Shaped Nanoparticle. <i>ACS Nano</i> , 2012, 6, 8783-8795.	14.6	128
13	Targeted Ablation of Pituitary Gonadotropes in Transgenic Mice. <i>Molecular Endocrinology</i> , 1991, 5, 2025-2036.	3.7	113
14	Comprehensive characterization of protein-protein interactions perturbed by disease mutations. <i>Nature Genetics</i> , 2021, 53, 342-353.	21.4	109
15	Krüppel-like Factor 4 Inhibits Tumorigenic Progression and Metastasis in a Mouse Model of Breast Cancer. <i>Neoplasia</i> , 2011, 13, 601-615.	5.3	104
16	Increases in luteinizing hormone are associated with declines in cognitive performance. <i>Molecular and Cellular Endocrinology</i> , 2007, 269, 107-111.	3.2	103
17	Bisphenol A Increases Mammary Cancer Risk in Two Distinct Mouse Models of Breast Cancer. <i>Biology of Reproduction</i> , 2011, 85, 490-497.	2.7	99
18	Myosin II isoform switching mediates invasiveness after TGF- $\beta$ -induced epithelial-mesenchymal transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17991-17996.	7.1	98

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19	Hotspots of aberrant enhancer activity punctuate the colorectal cancer epigenome. <i>Nature Communications</i> , 2017, 8, 14400.	12.8	93
20	Luteinizing hormone induction of ovarian tumors: Oligogenic differences between mouse strains dictates tumor disposition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 383-387.	7.1	84
21	A Single Pitx1 Binding Site Is Essential for Activity of the LH $\beta$ Promoter in Transgenic Mice. <i>Molecular Endocrinology</i> , 2001, 15, 734-746.	3.7	82
22	The Forkhead Box Transcription Factor FOXC1 Promotes Breast Cancer Invasion by Inducing Matrix Metalloprotease 7 (MMP7) Expression. <i>Journal of Biological Chemistry</i> , 2012, 287, 24631-24640.	3.4	76
23	Germline Heterozygous Variants in SEC23B Are Associated with Cowden Syndrome and Enriched in Apparently Sporadic Thyroid Cancer. <i>American Journal of Human Genetics</i> , 2015, 97, 661-676.	6.2	76
24	HER2/ErbB2-induced Breast Cancer Cell Migration and Invasion Require p120 Catenin Activation of Rac1 and Cdc42. <i>Journal of Biological Chemistry</i> , 2010, 285, 29491-29501.	3.4	72
25	Estradiol Inhibits Transcription of the Human Glycoprotein Hormone $\alpha$ -Subunit Gene Despite the Absence of a High Affinity Binding Site for Estrogen Receptor. <i>Molecular Endocrinology</i> , 1991, 5, 725-733.	3.7	70
26	Cell cycle correlated genes dictate the prognostic power of breast cancer gene lists. <i>BMC Medical Genomics</i> , 2008, 1, 11.	1.5	67
27	GABA(A) Receptor $\rho$ (GABRP) Stimulates Basal-like Breast Cancer Cell Migration through Activation of Extracellular-regulated Kinase 1/2 (ERK1/2). <i>Journal of Biological Chemistry</i> , 2014, 289, 24102-24113.	3.4	66
28	Gene expression profiling of cancer progression reveals intrinsic regulation of transforming growth factor- $\beta$ signaling in ErbB2/Neu-induced tumors from transgenic mice. <i>Oncogene</i> , 2005, 24, 5173-5190.	5.9	61
29	Biodistribution and clearance of a filamentous plant virus in healthy and tumor-bearing mice. <i>Nanomedicine</i> , 2014, 9, 221-235.	3.3	56
30	A Single Pitx1 Binding Site Is Essential for Activity of the LH $\beta$ Promoter in Transgenic Mice. <i>Molecular Endocrinology</i> , 2001, 15, 734-746.	3.7	52
31	Implementing Transgenic and Embryonic Stem Cell Technology to Study Gene Expression, Cell-Cell Interactions and Gene Function. <i>Biology of Reproduction</i> , 1995, 52, 246-257.	2.7	48
32	Bromodomain and Extraterminal Protein Inhibition Blocks Growth of Triple-negative Breast Cancers through the Suppression of Aurora Kinases. <i>Journal of Biological Chemistry</i> , 2016, 291, 23756-23768.	3.4	48
33	Rapamycin inhibits multiple stages of c-Neu/ErbB2-induced tumor progression in a transgenic mouse model of HER2-positive breast cancer. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 2188-2197.	4.1	47
34	Targeting BCL-xL improves the efficacy of bromodomain and extra-terminal protein inhibitors in triple-negative breast cancer by eliciting the death of senescent cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 875-886.	3.4	46
35	High levels of luteinizing hormone analog stimulate gonadal and adrenal tumorigenesis in mice transgenic for the mouse inhibin $\alpha$ -subunit promoter/Simian virus 40 T-antigen fusion gene. <i>Oncogene</i> , 2003, 22, 3269-3278.	5.9	39
36	The HER2- and Heregulin $\beta$ 1 (HRG) $\beta$ -Inducible TNFR Superfamily Member Fn14 Promotes HRG-Driven Breast Cancer Cell Migration, Invasion, and MMP9 Expression. <i>Molecular Cancer Research</i> , 2013, 11, 393-404.	3.4	39

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37	Transgenic Mice with Chronically Elevated Luteinizing Hormone Are Infertile Due to Anovulation, Defects in Uterine Receptivity, and Midgestation Pregnancy Failure <sup>1</sup> . <i>Endocrinology</i> , 1999, 140, 2592-2601.	2.8	38
38	LMO4 is an essential mediator of ErbB2/HER2/Neu-induced breast cancer cell cycle progression. <i>Oncogene</i> , 2009, 28, 3608-3618.	5.9	38
39	UbcH7 regulates 53BP1 stability and DSB repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17456-17461.	7.1	38
40	Targeting bromodomain and extraterminal proteins in breast cancer. <i>Pharmacological Research</i> , 2018, 129, 156-176.	7.1	38
41	The proximal promoter of the bovine luteinizing hormone beta-subunit gene confers gonadotrope-specific expression and regulation by gonadotropin-releasing hormone, testosterone, and 17 beta-estradiol in transgenic mice. <i>Molecular Endocrinology</i> , 1994, 8, 1807-1816.	3.7	36
42	Consequences of Elevated Luteinizing Hormone on Diverse Physiological Systems: Use of the LH $\beta$ CTP Transgenic Mouse as a Model of Ovarian Hyperstimulation-induced Pathophysiology. <i>Endocrine Reviews</i> , 2003, 58, 343-375.	6.7	36
43	Different Combinations of Regulatory Elements may Explain Why Placenta-Specific Expression of the Glycoprotein Hormone $\beta$ -Subunit Gene Occurs Only in Primates and Horses <sup>1</sup> . <i>Biology of Reproduction</i> , 1991, 44, 231-237.	2.7	34
44	Combined SFK/mTOR Inhibition Prevents Rapamycin-Induced Feedback Activation of AKT and Elicits Efficient Tumor Regression. <i>Cancer Research</i> , 2014, 74, 4762-4771.	0.9	34
45	ITGA2 promotes expression of ACLY and CCND1 in enhancing breast cancer stemness and metastasis. <i>Genes and Diseases</i> , 2021, 8, 493-508.	3.4	34
46	Follistatin is a metastasis suppressor in a mouse model of HER2-positive breast cancer. <i>Breast Cancer Research</i> , 2017, 19, 66.	5.0	32
47	Gonadotrope- and thyrotrope-specific expression of the human and bovine glycoprotein hormone alpha-subunit genes is regulated by distinct cis- acting elements. <i>Molecular Endocrinology</i> , 1992, 6, 1745-1755.	3.7	32
48	An NF-Y Binding Site Is Important for Basal, but Not Gonadotropin-releasing Hormone-stimulated, Expression of the Luteinizing Hormone $\beta$ Subunit Gene. <i>Journal of Biological Chemistry</i> , 2000, 275, 13082-13088.	3.4	31
49	Ovulatory Surges of Human CG Prevent Hormone-Induced Granulosa Cell Tumor Formation Leading to the Identification of Tumor-Associated Changes in the Transcriptome. <i>Molecular Endocrinology</i> , 2002, 16, 1230-1242.	3.7	30
50	Ovarian Hyperstimulation by LH Leads to Mammary Gland Hyperplasia and Cancer Predisposition in Transgenic Mice. <i>Endocrinology</i> , 2002, 143, 3671-3680.	2.8	29
51	Hypomethylation of the MMP7 promoter and increased expression of MMP7 distinguishes the basal-like breast cancer subtype from other triple-negative tumors. <i>Breast Cancer Research and Treatment</i> , 2014, 146, 25-40.	2.5	29
52	The transcriptional repressor BCL11A promotes breast cancer metastasis. <i>Journal of Biological Chemistry</i> , 2020, 295, 11707-11719.	3.4	29
53	Signaling through $\beta$ -Cyclic Adenosine Monophosphate and Phosphoinositide-3 Kinase Induces Sodium/Iodide Symporter Expression in Breast Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 5196-5203.	3.6	27
54	The double-stranded RNA-binding protein, PACT, is required for postnatal anterior pituitary proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10696-10701.	7.1	27

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55	JAM-A functions as a female microglial tumor suppressor in glioblastoma. <i>Neuro-Oncology</i> , 2020, 22, 1591-1601.	1.2	26
56	Sustained trophism of the mammary gland is sufficient to accelerate and synchronize development of ErbB2/Neu-induced tumors. <i>Oncogene</i> , 2006, 25, 3325-3334.	5.9	25
57	A Viral Nanoparticle Cancer Vaccine Delays Tumor Progression and Prolongs Survival in a HER2 <sup>+</sup> Tumor Mouse Model. <i>Advanced Therapeutics</i> , 2019, 2, 1800139.	3.2	25
58	EB1089, a vitamin D receptor agonist, reduces proliferation and decreases tumor growth rate in a mouse model of hormone-induced mammary cancer. <i>Cancer Letters</i> , 2005, 229, 205-215.	7.2	24
59	Mitotic Vulnerability in Triple-Negative Breast Cancer Associated with LIN9 Is Targetable with BET Inhibitors. <i>Cancer Research</i> , 2017, 77, 5395-5408.	0.9	24
60	Obesity in transgenic female mice with constitutively elevated luteinizing hormone secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E812-E818.	3.5	23
61	FOXA1: A Pioneer of Nuclear Receptor Action in Breast Cancer. <i>Cancers</i> , 2021, 13, 5205.	3.7	23
62	Regulatory cross-talk determines the cellular levels of 53BP1 protein, a critical factor in DNA repair. <i>Journal of Biological Chemistry</i> , 2017, 292, 5992-6003.	3.4	22
63	LIN9 and NEK2 Are Core Regulators of Mitotic Fidelity That Can Be Therapeutically Targeted to Overcome Taxane Resistance. <i>Cancer Research</i> , 2020, 80, 1693-1706.	0.9	22
64	Bioengineering of Tobacco Mosaic Virus to Create a Non-Infectious Positive Control for Ebola Diagnostic Assays. <i>Scientific Reports</i> , 2016, 6, 23803.	3.3	20
65	Aberrant expression of LMO4 induces centrosome amplification and mitotic spindle abnormalities in breast cancer cells. <i>Journal of Pathology</i> , 2010, 222, 271-281.	4.5	19
66	c-Abl inhibits breast cancer tumorigenesis through reactivation of p53-mediated p21 expression. <i>Oncotarget</i> , 2016, 7, 72777-72794.	1.8	17
67	Mutant p53 dictates the oncogenic activity of c-Abl in triple-negative breast cancers. <i>Cell Death and Disease</i> , 2017, 8, e2899-e2899.	6.3	16
68	The membrane tethered matrix metalloproteinase MT1-MMP triggers an outside-in DNA damage response that impacts chemo- and radiotherapy responses of breast cancer. <i>Cancer Letters</i> , 2019, 443, 115-124.	7.2	16
69	CRE-Binding Proteins Interact Cooperatively to Enhance Placental-Specific Expression of the Glycoprotein Hormone Alpha-Subunit Gene. <i>Annals of the New York Academy of Sciences</i> , 1989, 564, 77-85.	3.8	14
70	On-Command Drug Release from Nanochains Inhibits Growth of Breast Tumors. <i>Pharmaceutical Research</i> , 2014, 31, 1460-1468.	3.5	13
71	Characterization of the Equine Glycoprotein Hormone Alpha-Subunit Gene Reveals Divergence in the Mechanism of Pituitary and Placental Expression1. <i>Biology of Reproduction</i> , 1997, 57, 1104-1114.	2.7	12
72	The Activin Social Network: Activin, Inhibin, and Follistatin in Breast Development and Cancer. <i>Endocrinology</i> , 2019, 160, 1097-1110.	2.8	12

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73	Ovarian hyperstimulation induces centrosome amplification and aneuploid mammary tumors independently of alterations in p53 in a transgenic mouse model of breast cancer. <i>Oncogene</i> , 2008, 27, 1759-1766.	5.9	11
74	FOXC1 Is Enriched in the Mammary Luminal Progenitor Population, but Is Not Necessary for Mouse Mammary Ductal Morphogenesis1. <i>Biology of Reproduction</i> , 2013, 89, 10.	2.7	11
75	KLF4 defines the efficacy of the epidermal growth factor receptor inhibitor, erlotinib, in triple-negative breast cancer cells by repressing the EGFR gene. <i>Breast Cancer Research</i> , 2020, 22, 66.	5.0	11
76	Overexpression of Follistatin in the Mouse Epididymis Disrupts Fluid Resorption and Sperm Transit in Testicular Excurrent Ducts1. <i>Biology of Reproduction</i> , 2012, 87, 41.	2.7	10
77	Splice variants of mlAP1 have an enhanced ability to inhibit apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1174-1183.	2.1	9
78	A Bioengineered Positive Control for Rapid Detection of the Ebola Virus by Reverse Transcription Loop-Mediated Isothermal Amplification (RT-LAMP). <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 452-459.	5.2	9
79	A new view of the mammary epithelial hierarchy and its implications for breast cancer initiation and metastasis. <i>Journal of Cancer Metastasis and Treatment</i> , 2019, 2019, .	0.8	9
80	Transgenic Mice with Chronically Elevated Luteinizing Hormone Are Infertile Due to Anovulation, Defects in Uterine Receptivity, and Midgestation Pregnancy Failure. <i>Endocrinology</i> , 1999, 140, 2592-2601.	2.8	8
81	Centrosome Aberrations as Drivers of Chromosomal Instability in Breast Cancer. <i>Endocrinology</i> , 2021, 162, .	2.8	8
82	Expression of LC3B and FIP200/Atg17 in brain metastases of breast cancer. <i>Journal of Neuro-Oncology</i> , 2018, 140, 237-248.	2.9	7
83	Bisphenol A Increases Mammary Cancer Risk in Multiple Murine Models of Breast Cancer.. <i>Biology of Reproduction</i> , 2010, 83, 75-75.	2.7	6
84	TGF- $\beta$ 2/activin signaling promotes CDK7 inhibitor resistance in triple-negative breast cancer cells through upregulation of multidrug transporters. <i>Journal of Biological Chemistry</i> , 2021, 297, 101162.	3.4	5
85	BETi induction of mitotic catastrophe: towing the LIN9. <i>Oncoscience</i> , 2017, 4, 128-130.	2.2	4
86	Intrinsic bias in breast cancer gene expression data sets. <i>BMC Cancer</i> , 2009, 9, 214.	2.6	2
87	Supplemental Online Pharmacology Modules Increase Recognition and Production Memory in a Hybrid Problem-Based Learning (PBL) Curriculum. <i>Medical Science Educator</i> , 2015, 25, 261-269.	1.5	2
88	Hypothalamicâ€“Pituitaryâ€“Mammary Gland (HPM) Axis. , 2018, , 798-807.		2
89	Hormone Effects on Tumors. , 2020, , 667-693.		2
90	Focal Adhesion Kinase Provides a Collateral Vulnerability That Can Be Leveraged to Improve mTORC1 Inhibitor Efficacy. <i>Cancers</i> , 2022, 14, 3374.	3.7	2

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91	Abstract 4647: BET protein inhibition blocks growth of triple-negative breast cancer by inducing mitotic and cytokinetic dysfunction. , 2016, , .		1
92	The Pleiotropic Effects of Excessive Luteinizing Hormone Secretion in Transgenic Mice. Seminars in Reproductive Medicine, 2007, 25, 360-367.	1.1	0
93	Triggered chemotherapeutic drug release from multi-component nanochains mediated by a local magnetic field. , 2013, , .		0
94	A breast multi-disciplinary genomic tumor board is feasible and can provide timely and impactful recommendations. Breast Journal, 2018, 24, 676-677.	1.0	0
95	Up to your NEK2 in CIN. Oncotarget, 2021, 12, 723-725.	1.8	0
96	LH Hypersecreting Mice: A Model for Ovarian Granulosa Cell Tumors. Growth Hormone, 2001, , 59-78.	0.2	0
97	Abstract LB-221: Inhibition of rapamycin-induced feedback activation of AKT with dasatinib induces complete tumor regression in a preclinical model of breast cancer.. , 2013, , .		0
98	Estradiol Inhibition of Expression of the Human Glycoprotein Hormone $\beta$ -Subunit Gene Through an ERE-Independent Mechanism. , 1992, , 109-119.		0
99	Abstract 32: BCL11A is necessary for the expression of extracellular matrix genes and metastatic progression of triple-negative breast cancer. , 2018, , .		0
100	Abstract 2262: Inference of kinase activity for cancer phosphoproteomics using substrate prediction scores. , 2018, , .		0
101	Abstract P3-02-15: Integrin $\alpha$ 2 promotes stemness and lung metastasis in triple negative breast cancer. , 2020, , .		0
102	Abstract P2-04-01: Cyclin dependent kinase 7 ( CDK7) inhibition promotes genomic instability and mitotic catastrophe in triple negative breast cancer. , 2020, , .		0
103	Abstract 172: BCL11A regulation of extracellular matrix genes may be necessary for invasion of triple-negative breast cancer. , 2019, , .		0
104	Abstract 2097: LIN9 regulation of NEK2 underlies taxol resistance in triple-negative breast cancer. , 2019, , .		0
105	Glycoprotein Hormones Transgenic Mice as Tools to Study Regulation and Function. , 0, , 261-295.		0