Susan E Waltz

List of Publications by Year
in descending order

88 papers	3,084 citations	109321 35 h-index	175258 52 g-index
88 all docs	88 docs citations	88 times ranked	2842 citing authors

#	Article	IF	Citations
1	Metâ€Related Receptor Tyrosine Kinase Ron in Tumor Growth and Metastasis. Advances in Cancer Research, 2008, 100, 1-33.	5.0	139
2	The Duffy antigen/receptor for chemokines (DARC) regulates prostate tumor growth. FASEB Journal, 2006, 20, 59-64.	0.5	122
3	Therapeutic Implications of a Human Neutralizing Antibody to the Macrophage-Stimulating Protein Receptor Tyrosine Kinase (RON), a c-MET Family Member. Cancer Research, 2006, 66, 9162-9170.	0.9	111
4	Mammary-Specific Ron Receptor Overexpression Induces Highly Metastatic Mammary Tumors Associated with Î²-Catenin Activation. Cancer Research, 2006, 66, 11967-11974.	0.9	109
5	The RON Receptor Tyrosine Kinase Mediates Oncogenic Phenotypes in Pancreatic Cancer Cells and Is Increasingly Expressed during Pancreatic Cancer Progression. Cancer Research, 2007, 67, 6075-6082.	0.9	108
6	The human DEK oncogene stimulates Î²-catenin signaling, invasion and mammosphere formation in breast cancer. Oncogene, 2011, 30, 2741-2752.	5.9	91
7	Ron-mediated cytoplasmic signaling is dispensable for viability but is required to limit inflammatory responses. Journal of Clinical Investigation, 2001, 108, 567-576.	8.2	90
8	The Ron/STK receptor tyrosine kinase is essential for peri-implantation development in the mouse. Journal of Clinical Investigation, 1999, 103, 1277-1285.	8.2	81
9	Silencing of RON Receptor Signaling Promotes Apoptosis and Gemcitabine Sensitivity in Pancreatic Cancers. Cancer Research, 2010, 70, 1130-1140.	0.9	80
10	Point mutations and overexpression of Ron induce transformation, tumor formation, and metastasis. Oncogene, 2001, 20, 6142-6151.	5.9	77
11	Targeting Tyrosine Phosphorylation of PCNA Inhibits Prostate Cancer Growth. Molecular Cancer Therapeutics, 2011, 10, 29-36.	4.1	73
12	Ron Receptor Signaling Augments Mammary Tumor Formation and Metastasis in a Murine Model of Breast Cancer. Cancer Research, 2005, 65, 1285-1293.	0.9	72
13	Key roles for MED1 LxxLL motifs in pubertal mammary gland development and luminal-cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6765-6770.	7.1	70
14	Inhibition of Ron Kinase Blocks Conversion of Micrometastases to Overt Metastases by Boosting Antitumor Immunity. Cancer Discovery, 2013, 3, 751-760.	9.4	69
15	Cross-talk between the receptor tyrosine kinases Ron and epidermal growth factor receptor. Experimental Cell Research, 2003, 289, 317-325.	2.6	60
16	Ron Receptor Tyrosine Kinase Activation Confers Resistance to Tamoxifen in Breast Cancer Cell Lines. Neoplasia, 2010, 12, 650-658.	5.3	59
17	RON kinase: A target for treatment of cancer-induced bone destruction and osteoporosis. Science Translational Medicine, 2017, 9, .	12.4	58
18	The Ron receptor tyrosine kinase positively regulates angiogenic chemokine production in prostate cancer cells. Oncogene, 2010, 29, 214-226.	5.9	57

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19	The DEK oncogene promotes cellular proliferation through paracrine Wnt signaling in Ron receptor-positive breast cancers. Oncogene, 2015, 34, 2325-2336.	5.9	57
20	Ron receptor regulates Kupffer cell-dependent cytokine production and hepatocyte survival following endotoxin exposure in mice. Hepatology, 2011, 53, 1618-1628.	7.3	52
21	DNA replication initiates non-randomly at multiple sites near the c-myc gene in HeLa cells. Nucleic Acids Research, 1996, 24, 1887-1894.	14.5	51
22	Myeloid-Specific Expression of Ron Receptor Kinase Promotes Prostate Tumor Growth. Cancer Research, 2013, 73, 1752-1763.	0.9	49
23	Functional Characterization of Domains Contained in Hepatocyte Growth Factor-like Protein. Journal of Biological Chemistry, 1997, 272, 30526-30537.	3.4	48
24	Î²-Catenin is required for Ron receptor-induced mammary tumorigenesis. Oncogene, 2011, 30, 3694-3704.	5.9	48
25	Foxm1 Expression in Prostate Epithelial Cells Is Essential for Prostate Carcinogenesis. Journal of Biological Chemistry, 2013, 288, 22527-22541.	3.4	48
26	Sequential delivery of erlotinib and doxorubicin for enhanced triple negative Breast cancer treatment using polymeric nanoparticle. International Journal of Pharmaceutics, 2017, 530, 300-307.	5.2	45
27	The Ron receptor tyrosine kinase activates c-Abl to promote cell proliferation through tyrosine phosphorylation of PCNA in breast cancer. Oncogene, 2014, 33, 1429-1437.	5.9	44
28	Ron-receptor tyrosine kinase in tumorigenesis and metastasis. Future Oncology, 2007, 3, 441-448.	2.4	43
29	RON RECEPTOR TYROSINE KINASE NEGATIVELY REGULATES TNFÎ± PRODUCTION IN ALVEOLAR MACROPHAGES BY INHIBITING NF-ÎºB ACTIVITY AND ADAM17 PRODUCTION. Shock, 2010, 33, 197-204.	2.1	43
30	The Role of the Receptor Tyrosine Kinase Ron in Nickel-Induced Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 99-104.	2.9	39
31	Tyrosine kinase receptor RON functions downstream of the erythropoietin receptor to induce expansion of erythroid progenitors. Blood, 2004, 103, 4457-4465.	1.4	38
32	RON-regulated innate immunity is protective in an animal model of multiple sclerosis. Annals of Neurology, 2005, 57, 883-895.	5.3	38
33	Vitamin D3-dependent VDR signaling delays ron-mediated breast tumorigenesis through suppression of Î²-catenin activity. Oncotarget, 2015, 6, 16304-16320.	1.8	38
34	Critical and opposing roles of the chemokine receptors CXCR2 and CXCR3 in prostate tumor growth. Prostate, 2006, 66, 1721-1728.	2.3	37
35	Characterization of the mouse Ron/Stk receptor tyrosine kinase gene. Oncogene, 1998, 16, 27-42.	5.9	35
36	Glutaminase inhibition with telaglenastat (CB-839) improves treatment response in combination with ionizing radiation in head and neck squamous cell carcinoma models. Cancer Letters, 2021, 502, 180-188.	7.2	35

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37	Deletion of the Ron receptor tyrosine kinase domain in mice provides protection from endotoxin-induced acute liver failure. Hepatology, 2002, 36, 1053-1060.	7.3	34
38	Gene Expression Profiles of Mst1r-Deficient Mice during Nickel-Induced Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 15-27.	2.9	34
39	Enhanced Resistance to Tamoxifen by the c-ABL Proto-oncogene in Breast Cancer. Neoplasia, 2010, 12, 214-IN3.	5.3	33
40	Ron receptor tyrosine kinase signaling as a therapeutic target. Expert Opinion on Therapeutic Targets, 2012, 16, 921-931.	3.4	31
41	Delayed Sequential Co-Delivery of Gefitinib and Doxorubicin for Targeted Combination Chemotherapy. Molecular Pharmaceutics, 2017, 14, 4551-4559.	4.6	30
42	MST1R kinase accelerates pancreatic cancer progression via effects on both epithelial cells and macrophages. Oncogene, 2019, 38, 5599-5611.	5.9	29
43	Age-Related Changes in the Epithelial and Stromal Compartments of the Mammary Gland in Normocalcemic Mice Lacking the Vitamin D3 Receptor. PLoS ONE, 2011, 6, e16479.	2.5	27
44	Ron tyrosine kinase receptor regulates papilloma growth and malignant conversion in a murine model of skin carcinogenesis. Oncogene, 2005, 24, 479-488.	5.9	26
45	Cis-Acting Effects of Sequences Within 2.4-kb Upstream of the Human c-mycGene on Autonomous Plasmid Replication in HeLa Cells. DNA and Cell Biology, 1995, 14, 565-579.	1.9	23
46	Loss of vitamin D receptor signaling from the mammary epithelium or adipose tissue alters pubertal glandular development. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E674-E685.	3.5	23
47	The Ron receptor promotes prostate tumor growth in the TRAMP mouse model. Oncogene, 2011, 30, 4990-4998.	5.9	22
48	The BRUCEâ€ATR Signaling Axis Is Required for Accurate DNA Replication and Suppression of Liver Cancer Development. Hepatology, 2019, 69, 2608-2622.	7.3	22
49	The Ron receptor tyrosine kinase negatively regulates mammary gland branching morphogenesis. Developmental Biology, 2009, 333, 173-185.	2.0	21
50	Conditional Deletion of Î²-Catenin in Mammary Epithelial Cells of Ron Receptor, Mst1r, Overexpressing Mice Alters Mammary Tumorigenesis. Endocrinology, 2012, 153, 2735-2746.	2.8	21
51	HGFL-mediated RON signaling supports breast cancer stem cell phenotypes via activation of non-canonical Î²-catenin signaling. Oncotarget, 2017, 8, 58918-58933.	1.8	21
52	Hepatocyte Nuclear Factor-4 Is Responsible for the Liver-specific Expression of the Gene Coding for Hepatocyte Growth Factor-like Protein. Journal of Biological Chemistry, 1996, 271, 9024-9032.	3.4	20
53	THE RON RECEPTOR TYROSINE KINASE REGULATES ACUTE LUNG INJURY AND SUPPRESSES NUCLEAR FACTOR ÎºB ACTIVATION. Shock, 2007, 27, 274-280.	2.1	20
54	Receptor Tyrosine Kinase Ron Is Expressed in Mouse Reproductive Tissues During Embryo Implantation and Is Important in Trophoblast Cell Function1. Biology of Reproduction, 2003, 68, 1267-1275.	2.7	18

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55	Ron receptor tyrosine kinase-dependent hepatic neutrophil recruitment and survival benefit in a murine model of bacterial peritonitis. Critical Care Medicine, 2008, 36, 1585-1593.	0.9	18
56	Macrophageâ€stimulating protein and calcium homeostasis in zebrafish. FASEB Journal, 2012, 26, 4092-4101.	0.5	17
57	Maternal diethylhexyl phthalate exposure affects adiposity and insulin tolerance in offspring in a PCNA-dependent manner. Environmental Research, 2017, 159, 588-594.	7.5	17
58	Defective transcription elongation in a subset of cancers confers immunotherapy resistance. Nature Communications, 2018, 9, 4410.	12.8	17
59	Prostate Epithelial RON Signaling Promotes M2 Macrophage Activation to Drive Prostate Tumor Growth and Progression. Molecular Cancer Research, 2020, 18, 1244-1254.	3.4	17
60	Ron receptor deficient alveolar myeloid cells exacerbate LPS-induced acute lung injury in the murine lung. Innate Immunity, 2011, 17, 499-507.	2.4	16
61	HGFL supports mammary tumorigenesis by enhancing tumor cell intrinsic survival and influencing macrophage and T-cell responses. Oncotarget, 2015, 6, 17445-17461.	1.8	15
62	Expression of Hepatocyte Growth Factor-Like Protein Is Repressed by Retinoic Acid and Enhanced by Cyclic Adenosine 3â€²,5â€²-Monophosphate Response Element-Binding Protein (CREB)-Binding Protein (CBP)**This work was supported in part by USPHS Grant DK-47003 from the NIDDK, NIH (to S.J.F.D.), NIH Training Grant HL-07527 (to R.S.M.), National Research Scientist Award Postdoctoral Fellowship (to) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	14
63	DEK Expression in Breast Cancer Cells Leads to the Alternative Activation of Tumor Associated Macrophages. Cancers, 2020, 12, 1936.	3.7	14
64	Ron receptor overexpression in the murine prostate induces prostate intraepithelial neoplasia. Cancer Letters, 2012, 314, 92-101.	7.2	13
65	Ron receptor signaling is protective against DSS-induced colitis in mice. American Journal of Physiology - Renal Physiology, 2014, 306, G1065-G1074.	3.4	13
66	Hepatocyte growth factor-like protein is a positive regulator of early mammary gland ductal morphogenesis. Mechanisms of Development, 2014, 133, 11-22.	1.7	12
67	Tumor Cell Autonomous RON Receptor Expression Promotes Prostate Cancer Growth Under Conditions of Androgen Deprivation. Neoplasia, 2018, 20, 917-929.	5.3	12
68	MST1R (RON) expression is a novel prognostic biomarker for metastatic progression in breast cancer patients. Breast Cancer Research and Treatment, 2020, 181, 529-540.	2.5	12
69	Short-form Ron receptor is required for normal IFN-Î³ production in concanavalin A-induced acute liver injury. American Journal of Physiology - Renal Physiology, 2007, 292, G253-G261.	3.4	11
70	Tumor cell intrinsic RON signaling suppresses innate immune responses in breast cancer through inhibition of IRAK4 signaling. Cancer Letters, 2021, 503, 75-90.	7.2	11
71	Hepatocyte growth factor-like protein is required for prostate tumor growth in the TRAMP mouse model. Oncotarget, 2014, 5, 5547-5558.	1.8	11
72	The receptor tyrosine kinase Ron is expressed in the mouse ovary and regulates inducible nitric oxide synthase levels and ovulation. Fertility and Sterility, 2003, 80, 747-754.	1.0	10

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73	Macrophage-mediated RON signaling supports breast cancer growth and progression through modulation of IL-35. Oncogene, 2022, 41, 321-333.	5.9	9
74	Loss of Ron receptor signaling leads to reduced obesity, diabetic phenotypes and hepatic steatosis in response to high-fat diet in mice. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E562-E572.	3.5	8
75	Homozygous K5Cre transgenic mice have wavy hair and accelerated malignant progression in a murine model of skin carcinogenesis. Molecular Carcinogenesis, 2007, 46, 49-59.	2.7	7
76	The Ron receptor tyrosine kinase is not required for adenoma formation in Apc^{Min/+} mice. Molecular Carcinogenesis, 2009, 48, 995-1004.	2.7	7
77	Estrogen receptor alpha deletion enhances the metastatic phenotype of Ron overexpressing mammary tumors in mice. Molecular Cancer, 2012, 11, 2.	19.2	7
78	Ron receptor-dependent gene regulation of Kupffer cells during endotoxemia. Hepatobiliary and Pancreatic Diseases International, 2014, 13, 281-292.	1.3	6
79	Chk2*1100delC Acts in synergy with the Ron receptor tyrosine kinase to accelerate mammary tumorigenesis in mice. Cancer Letters, 2010, 296, 186-193.	7.2	5
80	Ron receptor-dependent gene regulation in a mouse model of endotoxin-induced acute liver failure. Hepatobiliary and Pancreatic Diseases International, 2012, 11, 383-392.	1.3	4
81	Expression of Hepatocyte Growth Factor-Like Protein Is Repressed by Retinoic Acid and Enhanced by Cyclic Adenosine 3',5'-Monophosphate Response Element-Binding Protein (CREB)-Binding Protein (CBP). Endocrinology, 1999, 140, 187-196.	2.8	4
82	Structure of the Human D1F15S1A Locus: A Chromosome 1 Locus with 97% Identity to the Chromosome 3 Gene Coding for Hepatocyte Growth Factor-like Protein. DNA Sequence, 1998, 8, 409-413.	0.7	3
83	RON (MST1R) and HGFL (MST1) Co-Overexpression Supports Breast Tumorigenesis through Autocrine and Paracrine Cellular Crosstalk. Cancers, 2022, 14, 2493.	3.7	3
84	cis-Acting Elements in the Hepatocyte Growth Factor-Like Protein Gene Regulate Kidney and Liver-Specific Expression in Mice. DNA and Cell Biology, 2003, 22, 293-301.	1.9	1
85	Therapeutic Considerations for Ron Receptor Expression in Prostate Cancer. , 2018, 1, .		1
86	Ron Receptor. , 2011, , 3317-3321.		0
87	Ron Receptor. , 2015, , 1-6.		0
88	Ron Receptor. , 2016, , 4099-4104.		0