

Ronald J Weigel

List of Publications by Year in descending order

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124
papers

5,310
citations

101543

36
h-index

95266

68
g-index

130
all docs

130
docs citations

130
times ranked

6728
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a Gene (GPR30) with Homology to the G-Protein-Coupled Receptor Superfamily Associated with Estrogen Receptor Expression in Breast Cancer. <i>Genomics</i> , 1997, 45, 607-617.	2.9	488
2	Up-regulation of Akt3 in Estrogen Receptor-deficient Breast Cancers and Androgen-independent Prostate Cancer Lines. <i>Journal of Biological Chemistry</i> , 1999, 274, 21528-21532.	3.4	407
3	Ultrasound-Guided Fine-Needle Aspiration Biopsy of Thyroid Masses. <i>Thyroid</i> , 1998, 8, 283-289.	4.5	281
4	Common and Uncommon Sonographic Features of Papillary Thyroid Carcinoma. <i>Journal of Ultrasound in Medicine</i> , 2003, 22, 1083-1090.	1.7	274
5	Combining SSH and cDNA microarrays for rapid identification of differentially expressed genes. <i>Nucleic Acids Research</i> , 1999, 27, 1517-1523.	14.5	240
6	Formation and Prevention of Postoperative Abdominal Adhesions. <i>Journal of Surgical Research</i> , 2006, 132, 3-12.	1.6	182
7	Identification of a Human Akt3 (Protein Kinase B \hat{I}^3) Which Contains the Regulatory Serine Phosphorylation Site. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 906-910.	2.1	165
8	GATA-3 is expressed in association with estrogen receptor in breast cancer. , 1999, 84, 122-128.		164
9	Physical and Functional Interactions between the Wwox Tumor Suppressor Protein and the AP-2 \hat{I}^3 Transcription Factor. <i>Cancer Research</i> , 2004, 64, 8256-8261.	0.9	152
10	hAG-2, the Human Homologue of theXenopus laevisCement Gland Gene XAG-2, Is Coexpressed with Estrogen Receptor in Breast Cancer Cell Lines. <i>Biochemical and Biophysical Research Communications</i> , 1998, 251, 111-116.	2.1	142
11	Ligand-dependent Interaction of Estrogen Receptor- \hat{I}^{\pm} with Members of the Forkhead Transcription Factor Family. <i>Journal of Biological Chemistry</i> , 2001, 276, 33554-33560.	3.4	137
12	Risk Factors for Development and Recurrence of Primary Breast Abscesses. <i>Journal of the American College of Surgeons</i> , 2010, 211, 41-48.	0.5	132
13	Sonography in Primary Hyperparathyroidism. <i>Journal of Ultrasound in Medicine</i> , 2002, 21, 539-552.	1.7	90
14	Tumor Suppressor Activity of AP2 \hat{I}^{\pm} Mediated through a Direct Interaction with p53. <i>Journal of Biological Chemistry</i> , 2002, 277, 45028-45033.	3.4	84
15	Identification of primary gene targets of TFAP2C in hormone responsive breast carcinoma cells. <i>Genes Chromosomes and Cancer</i> , 2010, 49, 948-962.	2.8	74
16	Measurement of Uterine Radiation Exposure from Lymphoscintigraphy Indicates Safety of Sentinel Lymph Node Biopsy during Pregnancy. <i>Annals of Surgical Oncology</i> , 2009, 16, 1143-1147.	1.5	72
17	Sumoylation Pathway Is Required to Maintain the Basal Breast Cancer Subtype. <i>Cancer Cell</i> , 2014, 25, 748-761.	16.8	72
18	TFAP2C Controls Hormone Response in Breast Cancer Cells through Multiple Pathways of Estrogen Signaling. <i>Cancer Research</i> , 2007, 67, 8439-8443.	0.9	70

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19	Determinants of survival in patients with calciphylaxis: A multivariate analysis. <i>Surgery</i> , 2009, 146, 1028-1034.	1.9	69
20	Characterization of a gene that is inversely correlated with estrogen receptor expression (ICERE-1) in breast carcinomas. <i>FEBS Journal</i> , 1998, 252, 169-177.	0.2	65
21	Intraoperative ultrasonography improves identification of recurrent thyroid cancer. <i>Surgery</i> , 2002, 132, 924-929.	1.9	65
22	GATA-3 Expression as a Predictor of Hormone Response in Breast Cancer. <i>Journal of the American College of Surgeons</i> , 2005, 200, 705-710.	0.5	64
23	Regulation of Epithelial-Mesenchymal Transition through SUMOylation of Transcription Factors. <i>Cancer Research</i> , 2015, 75, 11-15.	0.9	62
24	Needle Track Seeding of Papillary Thyroid Carcinoma from Fine Needle Aspiration Biopsy. <i>Acta Cytologica</i> , 2002, 46, 591-595.	1.3	57
25	Review of risk factors for the development of contralateral breast cancer. <i>American Journal of Surgery</i> , 2013, 206, 704-708.	1.8	57
26	GATA-3 as a Marker of Hormone Response in Breast Cancer. <i>Journal of Surgical Research</i> , 2009, 157, 290-295.	1.6	55
27	Paracrine WNT5A Signaling Inhibits Expansion of Tumor-Initiating Cells. <i>Cancer Research</i> , 2015, 75, 1972-1982.	0.9	53
28	Do giant parathyroid adenomas represent a distinct clinical entity?. <i>Surgery</i> , 2013, 154, 714-719.	1.9	48
29	Inhibiting the SUMO Pathway Represses the Cancer Stem Cell Population in Breast and Colorectal Carcinomas. <i>Stem Cell Reports</i> , 2016, 7, 1140-1151.	4.8	47
30	Identification of two estrogen receptor transcripts with novel 5' exons isolated from a MCF7 cDNA library. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1997, 62, 143-153.	2.5	46
31	Pituitary Tumor AP-2 Recognizes a Cryptic Promoter in Intron 4 of Fibroblast Growth Factor Receptor 4. <i>Journal of Biological Chemistry</i> , 2003, 278, 19597-19602.	3.4	45
32	Extracellular Matrix 1 (ECM1) Expression Is a Novel Prognostic Marker for Poor Long-Term Survival in Breast Cancer: A Hospital-Based Cohort Study in Iowa. <i>Annals of Surgical Oncology</i> , 2009, 16, 2280-2287.	1.5	45
33	The response to neoadjuvant chemotherapy predicts clinical outcome and increases breast conservation in advanced breast cancer. <i>American Journal of Surgery</i> , 2013, 206, 2-7.	1.8	45
34	Recombinant human thyrotropin in the management of thyroid cancer. <i>Current Opinion in Oncology</i> , 2001, 13, 39-43.	2.4	39
35	Inhibition of RET Increases the Efficacy of Antiestrogen and Is a Novel Treatment Strategy for Luminal Breast Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 2115-2125.	7.0	39
36	Surgeon-Performed Ultrasound for Preoperative Localization of Abnormal Parathyroid Glands in Patients with Primary Hyperparathyroidism. <i>World Journal of Surgery</i> , 2006, 30, 1658-1663.	1.6	38

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37	Surgical Treatment of Primary Hyperaldosteronism. <i>Annals of Surgery</i> , 1994, 219, 347-352.	4.2	37
38	Primary Squamous Cell Carcinoma of the Breast. <i>Southern Medical Journal</i> , 1996, 89, 511-515.	0.7	37
39	Risk of Subsequent Primary Thyroid Cancer after Another Malignancy: Latency Trends in a Population-based Study. <i>Annals of Surgical Oncology</i> , 2012, 19, 1887-1896.	1.5	36
40	Genomic Structure of the Promoters of the Human Estrogen Receptor- α Gene Demonstrate Changes in Chromatin Structure Induced by AP2 β . <i>Journal of Biological Chemistry</i> , 2001, 276, 15519-15526.	3.4	34
41	Moesin expression is associated with the estrogen receptor- α negative breast cancer phenotype. <i>Surgery</i> , 1998, 124, 211-217.	1.9	33
42	Incentive systems for academic productivity in a department of surgery ¹ . <i>Journal of the American College of Surgeons</i> , 2004, 199, 300-307.	0.5	32
43	Interaction of TFAP2C with the Estrogen Receptor- α Promoter Is Controlled by Chromatin Structure. <i>Clinical Cancer Research</i> , 2009, 15, 3672-3679.	7.0	32
44	Discovery of the BMPR1A promoter and germline mutations that cause juvenile polyposis. <i>Human Molecular Genetics</i> , 2010, 19, 4654-4662.	2.9	32
45	Management of pregnant women with breast cancer. <i>Journal of Surgical Oncology</i> , 2011, 103, 337-340.	1.7	31
46	EGFR Is Regulated by TFAP2C in Luminal Breast Cancer and Is a Target for Vandetanib. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 503-511.	4.1	31
47	AP2 Transcription Factors Regulate Expression of CRABP II in Hormone Responsive Breast Carcinoma. <i>Journal of Surgical Research</i> , 2007, 138, 71-78.	1.6	28
48	Distinct Pathways Regulated by RET and Estrogen Receptor in Luminal Breast Cancer Demonstrate the Biological Basis for Combination Therapy. <i>Annals of Surgery</i> , 2014, 259, 793-799.	4.2	27
49	A Novel Zinc Finger Transcription Factor with Two Isoforms That Are Differentially Repressed by Estrogen Receptor- α . <i>Journal of Biological Chemistry</i> , 2002, 277, 9326-9334.	3.4	25
50	Expression of the RET Proto-oncogene Is Regulated by TFAP2C in Breast Cancer Independent of the Estrogen Receptor. <i>Annals of Surgical Oncology</i> , 2013, 20, 2204-2212.	1.5	24
51	A single institutional experience of factors affecting successful identification of sentinel lymph node in breast cancer patients. <i>Surgery</i> , 2009, 146, 671-677.	1.9	23
52	The Prognostic Impact of KRAS Mutation in Patients Having Curative Resection of Synchronous Colorectal Liver Metastases. <i>Journal of Gastrointestinal Surgery</i> , 2019, 23, 1957-1963.	1.7	23
53	Management of Contralateral Axillary Sentinel Lymph Nodes Detected on Lymphoscintigraphy for Breast Cancer. <i>Annals of Surgical Oncology</i> , 2013, 20, 3317-3322.	1.5	22
54	Surveillance and Intervention After Thyroid Lobectomy. <i>Annals of Surgical Oncology</i> , 2011, 18, 1729-1733.	1.5	21

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55	Receptor Tyrosine Kinase Expression Predicts Response to Sunitinib in Breast Cancer. <i>Annals of Surgical Oncology</i> , 2015, 22, 4287-4294.	1.5	21
56	Comparative analysis of radioactive iodine versus thyroidectomy for definitive treatment of Graves disease. <i>Surgery</i> , 2017, 161, 147-155.	1.9	21
57	When Is Prophylactic Thyroidectomy Indicated for Patients with the RET Codon 609 Mutation?. <i>Annals of Surgical Oncology</i> , 2009, 16, 2237-2244.	1.5	20
58	Human Melanoma Cells Over-Express Extracellular Matrix 1 (ECM1) Which Is Regulated by TFAP2C. <i>PLoS ONE</i> , 2013, 8, e73953.	2.5	20
59	Nonoperative management of hyperparathyroidism: present and future. <i>Current Opinion in Oncology</i> , 2001, 13, 33-38.	2.4	19
60	Physician Reimbursement for General Surgical Procedures in the Last Century: 1906~2006. <i>Journal of the American College of Surgeons</i> , 2008, 206, 670-677.	0.5	19
61	Key Tenets of Effective Surgery Leadership. <i>JAMA Surgery</i> , 2016, 151, 768.	4.3	19
62	The Impact of KRAS Mutation on the Presentation and Prognosis of Non-Metastatic Colon Cancer: an Analysis from the National Cancer Database. <i>Journal of Gastrointestinal Surgery</i> , 2020, 24, 1402-1410.	1.7	19
63	Surgical Management of Breast Cancer in 2010~2011 SEER Registries by Hormone and HER2 Receptor Status. <i>Annals of Surgical Oncology</i> , 2015, 22, 566-572.	1.5	17
64	TFAP2C regulates carbonic anhydrase XII in human breast cancer. <i>Oncogene</i> , 2020, 39, 1290-1301.	5.9	16
65	Genetic Analysis of a Papillary Thyroid Carcinoma in a Patient with MEN1. <i>Annals of Surgical Oncology</i> , 2001, 8, 342-346.	1.5	15
66	Discovery of SMAD4 promoters, transcription factor binding sites and deletions in juvenile polyposis patients. <i>Nucleic Acids Research</i> , 2011, 39, 5369-5378.	14.5	15
67	A <i>TFAP2C</i> Gene Signature Is Predictive of Outcome in HER2-Positive Breast Cancer. <i>Molecular Cancer Research</i> , 2020, 18, 46-56.	3.4	15
68	AP-2~Mediated Activation of E2F and EZH2 Drives Melanoma Metastasis. <i>Cancer Research</i> , 2021, 81, 4455-4470.	0.9	15
69	Training and certification of the surgical oncologist. <i>Chinese Clinical Oncology</i> , 2014, 3, 45.	1.2	15
70	Risk factors for 30-day readmission after adrenalectomy. <i>Surgery</i> , 2018, 164, 766-773.	1.9	14
71	The use of touch preparation for the evaluation of sentinel lymph nodes in breast cancer. <i>American Journal of Surgery</i> , 2010, 199, 792-796.	1.8	13
72	Effect of Introducing Hematoma Ultrasound-Guided Lumpectomy in a Surgical Practice. <i>Journal of the American College of Surgeons</i> , 2012, 215, 237-243.	0.5	13

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73	Rate of Contralateral Prophylactic Mastectomy is Influenced by Preoperative MRI Recommendations. <i>Annals of Surgical Oncology</i> , 2014, 21, 4133-4138.	1.5	13
74	A Novel Animal Model for Locally Advanced Breast Cancer. <i>Annals of Surgical Oncology</i> , 2015, 22, 866-873.	1.5	13
75	Targeting Gi/o protein-coupled receptor signaling blocks HER2-induced breast cancer development and enhances HER2-targeted therapy. <i>JCI Insight</i> , 2021, 6, .	5.0	13
76	High TFAP2C/low CD44 expression is associated with an increased rate of pathologic complete response following neoadjuvant chemotherapy in breast cancer. <i>Journal of Surgical Research</i> , 2013, 184, 519-525.	1.6	12
77	Targeting the SUMO pathway as a novel treatment for anaplastic thyroid cancer. <i>Oncotarget</i> , 2017, 8, 114801-114815.	1.8	12
78	Expansion of a Cell Population Expressing Stem Cell Markers in Parathyroid Glands From Patients With Hyperparathyroidism. <i>Annals of Surgery</i> , 2010, 251, 107-113.	4.2	11
79	PET-CT scans in recurrent or persistent differentiated thyroid cancer: Is there added utility beyond conventional imaging?. <i>Surgery</i> , 2010, 148, 1082-1090.	1.9	11
80	Randomized Trial of Perioperative Probiotics Among Patients Undergoing Major Abdominal Operation. <i>Journal of the American College of Surgeons</i> , 2019, 229, 533-540e1.	0.5	11
81	Timing of Esophagectomy after Neoadjuvant Chemoradiation Therapy Affects the Incidence of Anastomotic Leaks. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 52, 1-8.	0.6	11
82	Cancer cell-intrinsic function of CD177 in attenuating β -catenin signaling. <i>Oncogene</i> , 2020, 39, 2877-2889.	5.9	11
83	AP-2 β Regulates S-Phase and Is a Marker for Sensitivity to PI3K Inhibitor Buparlisib in Colon Cancer. <i>Molecular Cancer Research</i> , 2021, 19, 1156-1167.	3.4	11
84	Expression of ZER6 in ER α -Positive Breast Cancer. <i>Journal of Surgical Research</i> , 2005, 126, 86-91.	1.6	10
85	The Role of Radioactive Iodine in the Treatment of Well-differentiated Thyroid Cancer. <i>Surgical Oncology Clinics of North America</i> , 2006, 15, 625-638.	1.5	10
86	Management of Patients with Primary Hyperparathyroidism and Concurrent Thyroid Disease: An Evolving Field. <i>Annals of Surgical Oncology</i> , 2012, 19, 1428-1429.	1.5	10
87	Discriminating Pheochromocytomas from Other Adrenal Lesions: The Dilemma of Elevated Catecholamines. <i>Annals of Surgical Oncology</i> , 2013, 20, 3855-3861.	1.5	10
88	Nipple-Sparing Mastectomy is Not Associated with a Delay of Adjuvant Treatment. <i>Annals of Surgical Oncology</i> , 2018, 25, 1928-1935.	1.5	10
89	Cancer of the Endocrine System. , 2008, , 1271-1305.		10
90	Sampling of secondary margins decreases the need for re-excision after partial mastectomy. <i>Surgery</i> , 2011, 150, 802-809.	1.9	9

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91	Invasion in follicular thyroid cancer cell lines is mediated by EphA2 and pAkt. <i>Surgery</i> , 2012, 152, 1218-1224.	1.9	8
92	Incidence, characteristics, and management of recently diagnosed, microscopically invasive breast cancer by receptor status: Iowa SEER 2000 to 2013. <i>American Journal of Surgery</i> , 2017, 214, 323-328.	1.8	8
93	Advances in the diagnosis and management of well-differentiated thyroid cancers. <i>Current Opinion in Oncology</i> , 1996, 8, 37-43.	2.4	7
94	Intraoperative ultrasonography for localization of recurrent thyroid cancer. <i>Surgery</i> , 2001, 129, 498-500.	1.9	7
95	Per oral endoscopic myotomy: early experience and safety of a multispecialty approach. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 3357-3363.	2.4	7
96	Academic Advancement in Global Surgery: Appointment, Promotion, and Tenure. <i>Annals of Surgery</i> , 2020, 271, 279-282.	4.2	7
97	Racial disparities in comorbid conditions among patients undergoing thyroidectomy for Gravesâ€™ disease: An ACS-NSQIP analysis. <i>American Journal of Surgery</i> , 2021, 221, 106-110.	1.8	7
98	Poorly differentiated neuroendocrine carcinoma of the breast with Merkel cell features. <i>Breast Journal</i> , 2018, 24, 644-647.	1.0	6
99	Intraoperative Radiotherapy for Breast Cancer Treatment in a Rural Community. <i>Annals of Surgical Oncology</i> , 2018, 25, 3004-3010.	1.5	6
100	A Pilot Study of Preoperative Vandetanib on Markers of Proliferation and Apoptosis in Breast Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2021, 44, 456-462.	1.3	6
101	The impact of KRAS mutation, microsatellite instability, and tumor laterality on the prognosis of nonmetastatic colon cancer. <i>Surgery</i> , 2022, 171, 657-665.	1.9	6
102	AP-2Î³ Is Required for Maintenance of Multipotent Mammary Stem Cells. <i>Stem Cell Reports</i> , 2021, 16, 106-119.	4.8	4
103	Influence of endocrine multidisciplinary tumor board on patient management and treatment decision making. <i>American Journal of Surgery</i> , 2022, 223, 76-80.	1.8	4
104	The journal of surgical research increases its science citation index: whatâ€™s the impact?. <i>Journal of Surgical Research</i> , 2003, 114, 107-109.	1.6	3
105	Preoperative evaluation of thyroglossal duct cysts: children versus adultsâ€”is there a difference?. <i>American Journal of Surgery</i> , 2014, 207, 902-906.	1.8	3
106	Risk management recommendations and patient acceptance vary with high-risk breast lesions. <i>American Journal of Surgery</i> , 2022, 223, 94-100.	1.8	3
107	Expression of cancer stem cell markers in tall cell variant papillary thyroid cancer identifies a molecular profile predictive of recurrence in classic papillary thyroid cancer. <i>Surgery</i> , 2022, 171, 245-251.	1.9	3
108	Utility of Very Delayed Parathyroid MIBI SPECT for Localization of Parathyroid Adenoma. <i>Clinical Nuclear Medicine</i> , 2004, 29, 727-729.	1.3	2

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109	Effect of parathyroidectomy on polycythemia vera. <i>Surgery</i> , 2005, 137, 102-103.	1.9	2
110	2015 Presidential Address—Society of Surgical Oncology: The Next 75 Years. <i>Annals of Surgical Oncology</i> , 2015, 22, 2455-2461.	1.5	2
111	Discordant findings on preoperative imaging for primary hyperparathyroidism and thyroid disease: Choosing the path to follow. <i>Surgery</i> , 2019, 166, 678-685.	1.9	2
112	Incidental Finding of Composite Pheochromocytoma-Ganglioneuroma: Successful Management after Emergent Appendectomy and Review of the Literature. <i>World Journal of Endocrine Surgery</i> , 2011, 3, 39-44.	0.0	2
113	Blocking Gi/o-Coupled Signaling Eradicates Cancer Stem Cells and Sensitizes Breast Tumors to HER2-Targeted Therapies to Inhibit Tumor Relapse. <i>Cancers</i> , 2022, 14, 1719.	3.7	2
114	Reply to Comment on “Surveillance and Intervention after Thyroid Lobectomy”. <i>Annals of Surgical Oncology</i> , 2011, 18, 309-309.	1.5	1
115	Targeting the sumoylation pathway in cancer stem cells. <i>Molecular and Cellular Oncology</i> , 2014, 1, e964624.	0.7	1
116	Illuminated Transhiatal Retractor for Mediastinal Dissection During Transhiatal Esophagectomy. <i>Annals of Thoracic Surgery</i> , 2020, 109, e67-e69.	1.3	1
117	Genetic Analysis of a Papillary Thyroid Carcinoma in a Patient with MEN1. <i>Annals of Surgical Oncology</i> , 2001, 8, 342-346.	1.5	1
118	Unanticipated Admission Following Outpatient Laparoscopic Cholecystectomy: Identifying Opportunities for Improvement. <i>American Surgeon</i> , 2021, 87, 1080-1086.	0.8	1
119	Variability in the adoption of breast MRI among surgeons. <i>Journal of Surgical Oncology</i> , 2006, 93, 343-344.	1.7	0
120	Reply to, “RET Germline Mutations in Codon 609 and MEN2A Phenotype: Are They All Created Equal?” by Machens and Dralle (ASO-2009-06-0652). <i>Annals of Surgical Oncology</i> , 2010, 17, 333-333.	1.5	0
121	Reply: A Properly Performed Operation Almost Always Cures Chronic Subareolar Abscess and Fistula. <i>Journal of the American College of Surgeons</i> , 2010, 211, 693.	0.5	0
122	Presidential Forum Discussion. <i>Annals of Surgery</i> , 2015, 262, 555-562.	4.2	0
123	The Biology of Breast Cancer. , 2010, , 83-96.		0
124	Laparoscopic Drainage of Retroperitoneal Hematoma. <i>CRSLS MIS Case Reports From SLS</i> , 2015, 19, .	0.2	0