

# Anna Tosteson

## List of Publications by Year in descending order

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87  
papers

7,013  
citations

87723

38  
h-index

58464

82  
g-index

89  
all docs

89  
docs citations

89  
times ranked

7393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical Compared with Nonoperative Treatment for Lumbar Degenerative Spondylolisthesis. Journal of Bone and Joint Surgery - Series A, 2009, 91, 1295-1304.	1.4	546
2	Diagnostic Concordance Among Pathologists Interpreting Breast Biopsy Specimens. JAMA - Journal of the American Medical Association, 2015, 313, 1122.	3.8	499
3	Diagnostic Accuracy of Digital Screening Mammography With and Without Computer-Aided Detection. JAMA Internal Medicine, 2015, 175, 1828.	2.6	452
4	National Performance Benchmarks for Modern Screening Digital Mammography: Update from the Breast Cancer Surveillance Consortium. Radiology, 2017, 283, 49-58.	3.6	418
5	Trends and Variation in Incidence, Surgical Treatment, and Repeat Surgery of Proximal Humeral Fractures in the Elderly. Journal of Bone and Joint Surgery - Series A, 2011, 93, 121-131.	1.4	332
6	Pathologistsâ€™ diagnosis of invasive melanoma and melanocytic proliferations: observer accuracy and reproducibility study. BMJ: British Medical Journal, 2017, 357, j2813.	2.4	302
7	Early discontinuation of treatment for osteoporosis. American Journal of Medicine, 2003, 115, 209-216.	0.6	285
8	Surgical Treatment of Spinal Stenosis with and without Degenerative Spondylolisthesis: Cost-Effectiveness after 2 Years. Annals of Internal Medicine, 2008, 149, 845.	2.0	216
9	Identifying Women With Dense Breasts at High Risk for Interval Cancer. Annals of Internal Medicine, 2015, 162, 673-681.	2.0	215
10	Collaborative Modeling of the Benefits and Harms Associated With Different U.S. Breast Cancer Screening Strategies. Annals of Internal Medicine, 2016, 164, 215.	2.0	209
11	The Cost Effectiveness of Surgical Versus Nonoperative Treatment for Lumbar Disc Herniation Over Two Years. Spine, 2008, 33, 2108-2115.	1.0	204
12	Comparative Effectiveness Evidence From the Spine Patient Outcomes Research Trial. Spine, 2011, 36, 2061-2068.	1.0	195
13	Benefits, Harms, and Cost-Effectiveness of Supplemental Ultrasonography Screening for Women With Dense Breasts. Annals of Internal Medicine, 2015, 162, 157-166.	2.0	175
14	Cost-Effectiveness of Digital Mammography Breast Cancer Screening. Annals of Internal Medicine, 2008, 148, 1.	2.0	160
15	Variation in Mammographic Breast Density Assessments Among Radiologists in Clinical Practice. Annals of Internal Medicine, 2016, 165, 457.	2.0	148
16	Breast cancer screening using tomosynthesis in combination with digital mammography compared to digital mammography alone: a cohort study within the PROSPR consortium. Breast Cancer Research and Treatment, 2016, 156, 109-116.	1.1	147
17	Association of Digital Breast Tomosynthesis vs Digital Mammography With Cancer Detection and Recall Rates by Age and Breast Density. JAMA Oncology, 2019, 5, 635.	3.4	136
18	Benefits, Harms, and Costs for Breast Cancer Screening After US Implementation of Digital Mammography. Journal of the National Cancer Institute, 2014, 106, dju092.	3.0	120

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19	Breast cancer screening in an era of personalized regimens: A conceptual model and National Cancer Institute initiative for risk-based and preference-based approaches at a population level. <i>Cancer</i> , 2014, 120, 2955-2964.	2.0	119
20	National Performance Benchmarks for Modern Diagnostic Digital Mammography: Update from the Breast Cancer Surveillance Consortium. <i>Radiology</i> , 2017, 283, 59-69.	3.6	102
21	Comparative Effectiveness of Combined Digital Mammography and Tomosynthesis Screening for Women with Dense Breasts. <i>Radiology</i> , 2015, 274, 772-780.	3.6	98
22	Perceived adequacy of tangible social support and health outcomes in patients with coronary artery disease. <i>Journal of General Internal Medicine</i> , 1997, 12, 613-618.	1.3	96
23	Impact of the COVID-19 Pandemic on Breast Cancer Mortality in the US: Estimates From Collaborative Simulation Modeling. <i>Journal of the National Cancer Institute</i> , 2021, 113, 1484-1494.	3.0	92
24	Impact of Hospital Volume on the Economic Value of Computer Navigation for Total Knee Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 1492-1500.	1.4	90
25	Tailoring Breast Cancer Screening Intervals by Breast Density and Risk for Women Aged 50 Years or Older: Collaborative Modeling of Screening Outcomes. <i>Annals of Internal Medicine</i> , 2016, 165, 700.	2.0	90
26	The Cost-Effectiveness of Single-Row Compared with Double-Row Arthroscopic Rotator Cuff Repair. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 1369-1377.	1.4	86
27	Provider Attitudes and Screening Practices Following Changes in Breast and Cervical Cancer Screening Guidelines. <i>Journal of General Internal Medicine</i> , 2016, 31, 52-59.	1.3	78
28	Unifying Screening Processes Within the PROSPR Consortium: A Conceptual Model for Breast, Cervical, and Colorectal Cancer Screening. <i>Journal of the National Cancer Institute</i> , 2015, 107, djv120-djv120.	3.0	76
29	Geographic Access to Breast Imaging for US Women. <i>Journal of the American College of Radiology</i> , 2014, 11, 874-882.	0.9	74
30	Quality-of-Life Assessment in Osteoporosis. <i>Pharmacoeconomics</i> , 2002, 20, 289-303.	1.7	73
31	Changes in Mammography Use by Women's Characteristics During the First 5 Months of the COVID-19 Pandemic. <i>Journal of the National Cancer Institute</i> , 2021, 113, 1161-1167.	3.0	69
32	Screening Performance of Digital Breast Tomosynthesis vs Digital Mammography in Community Practice by Patient Age, Screening Round, and Breast Density. <i>JAMA Network Open</i> , 2020, 3, e2011792.	2.8	68
33	Therapies for treatment of osteoporosis in US women: cost-effectiveness and budget impact considerations. <i>American Journal of Managed Care</i> , 2008, 14, 605-15.	0.8	67
34	Timely follow-up of positive cancer screening results: A systematic review and recommendations from the PROSPR Consortium. <i>Ca-A Cancer Journal for Clinicians</i> , 2018, 68, 199-216.	157.7	63
35	Is the closest facility the one actually used? An assessment of travel time estimation based on mammography facilities. <i>International Journal of Health Geographics</i> , 2016, 15, 8.	1.2	52
36	Prognosis-Based Futility Guidelines: Does Anyone Win?. <i>Journal of the American Geriatrics Society</i> , 1994, 42, 1202-1207.	1.3	50

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37	Long-Term Outcomes and Cost-Effectiveness of Breast Cancer Screening With Digital Breast Tomosynthesis in the United States. <i>Journal of the National Cancer Institute</i> , 2020, 112, 582-589.	3.0	48
38	Underutilization of Supplemental Magnetic Resonance Imaging Screening Among Patients at High Breast Cancer Risk. <i>Journal of Women's Health</i> , 2018, 27, 748-754.	1.5	42
39	Is Early Internal Fixation Preferred to Cast Treatment for Well-Reduced Unstable Distal Radial Fractures?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 2086-2093.	1.4	38
40	Evaluating Screening Participation, Follow-up, and Outcomes for Breast, Cervical, and Colorectal Cancer in the PROSPR Consortium. <i>Journal of the National Cancer Institute</i> , 2020, 112, 238-246.	3.0	35
41	Variation in Screening Abnormality Rates and Follow-Up of Breast, Cervical and Colorectal Cancer Screening within the PROSPR Consortium. <i>Journal of General Internal Medicine</i> , 2016, 31, 372-379.	1.3	34
42	Multilevel factors associated with long-term adherence to screening mammography in older women in the U.S.. <i>Preventive Medicine</i> , 2016, 89, 169-177.	1.6	30
43	Breast Biopsy Intensity and Findings Following Breast Cancer Screening in Women With and Without a Personal History of Breast Cancer. <i>JAMA Internal Medicine</i> , 2018, 178, 458.	2.6	28
44	Comparative Access to and Use of Digital Breast Tomosynthesis Screening by Women's Race/Ethnicity and Socioeconomic Status. <i>JAMA Network Open</i> , 2021, 4, e2037546.	2.8	28
45	A Randomized Study Comparing Digital Imaging to Traditional Glass Slide Microscopy for Breast Biopsy and Cancer Diagnosis. <i>Journal of Pathology Informatics</i> , 2017, 8, 12.	0.8	28
46	Pathologist characteristics associated with accuracy and reproducibility of melanocytic skin lesion interpretation. <i>Journal of the American Academy of Dermatology</i> , 2018, 79, 52-59.e5.	0.6	27
47	Association of Screening With Digital Breast Tomosynthesis vs Digital Mammography With Risk of Interval Invasive and Advanced Breast Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 2220.	3.8	25
48	Second opinion strategies in breast pathology: a decision analysis addressing over-treatment, under-treatment, and care costs. <i>Breast Cancer Research and Treatment</i> , 2018, 167, 195-203.	1.1	24
49	Digital Breast Tomosynthesis: Radiologist Learning Curve. <i>Radiology</i> , 2019, 291, 34-42.	3.6	24
50	Primary Care Providers' Beliefs and Recommendations and Use of Screening Mammography by their Patients. <i>Journal of General Internal Medicine</i> , 2017, 32, 449-457.	1.3	21
51	Breast Biopsy Recommendations and Breast Cancers Diagnosed during the COVID-19 Pandemic. <i>Radiology</i> , 2022, 303, 287-294.	3.6	21
52	Cumulative Probability of False-Positive Results After 10 Years of Screening With Digital Breast Tomosynthesis vs Digital Mammography. <i>JAMA Network Open</i> , 2022, 5, e222440.	2.8	21
53	Costs of diagnostic and preoperative workup with and without breast MRI in older women with a breast cancer diagnosis. <i>BMC Health Services Research</i> , 2016, 16, 76.	0.9	20
54	Diagnostic Reproducibility: What Happens When the Same Pathologist Interprets the Same Breast Biopsy Specimen at Two Points in Time?. <i>Annals of Surgical Oncology</i> , 2017, 24, 1234-1241.	0.7	19

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55	Prioritizing breast imaging services during the COVID pandemic: A survey of breast imaging facilities within the Breast Cancer Surveillance Consortium. <i>Preventive Medicine</i> , 2021, 151, 106540.	1.6	19
56	Cumulative Advanced Breast Cancer Risk Prediction Model Developed in a Screening Mammography Population. <i>Journal of the National Cancer Institute</i> , 2022, 114, 676-685.	3.0	18
57	Inadequate Systems to Support Breast and Cervical Cancer Screening in Primary Care Practice. <i>Journal of General Internal Medicine</i> , 2016, 31, 1148-1155.	1.3	17
58	Malpractice Concerns, Defensive Medicine, and the Histopathology Diagnosis of Melanocytic Skin Lesions. <i>American Journal of Clinical Pathology</i> , 2018, 150, 338-345.	0.4	17
59	Communication Practices of Mammography Facilities and Timely Follow-up of a Screening Mammogram with a BI-RADS 0 Assessment. <i>Academic Radiology</i> , 2018, 25, 1118-1127.	1.3	13
60	Digital Mammography and Breast Tomosynthesis Performance in Women with a Personal History of Breast Cancer, 2007â€“2016. <i>Radiology</i> , 2021, 300, 290-300.	3.6	13
61	Automated Current Health Time-Trade-Off Assessments in Women's Health. <i>Value in Health</i> , 2002, 5, 98-105.	0.1	12
62	Cost-effectiveness of mammography from a publicly funded health care system perspective. <i>CMAJ Open</i> , 2018, 6, E77-E86.	1.1	12
63	Incorporating broadband durability in measuring geographic access to health care in the era of telehealth: A case example of the 2-step virtual catchment area (2SVCA) Method. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2526-2530.	2.2	12
64	Hormone Replacement Therapy: Benefit, Risk and Cost Considerations*. <i>Journal of Clinical Pharmacology</i> , 1994, 34, 719-722.	1.0	11
65	Diffusion of digital breast tomosynthesis among women in primary care: associations with insurance type. <i>Cancer Medicine</i> , 2017, 6, 1102-1107.	1.3	11
66	Hospitalization Risk During Chemotherapy for Advanced Cancer: Development and Validation of Risk Stratification Models Using Real-World Data. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-10.	1.0	11
67	Integration of Registries with EHRs to Accelerate Generation of Real-World Evidence for Clinical Practice and Learning Health Systems Research. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, e110.	1.4	11
68	Multilevel Predictors of Continued Adherence to Breast Cancer Screening Among Women Ages 50â€“74 Years in a Screening Population. <i>Journal of Women's Health</i> , 2019, 28, 1051-1059.	1.5	10
69	The association between neurohormonal therapy and mortality in older adults with heart failure with reduced ejection fraction. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 2811-2820.	1.3	10
70	Comparing Mammographic Density Assessed by Digital Breast Tomosynthesis or Digital Mammography: The Breast Cancer Surveillance Consortium. <i>Radiology</i> , 2021, , 204579.	3.6	10
71	Assessment of a Risk-Based Approach for Triaging Mammography Examinations During Periods of Reduced Capacity. <i>JAMA Network Open</i> , 2021, 4, e211974.	2.8	9
72	Trade-Offs Between Harms and Benefits of Different Breast Cancer Screening Intervals Among Low-Risk Women. <i>Journal of the National Cancer Institute</i> , 2021, 113, 1017-1026.	3.0	9

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73	Screening Mammography Use Among Older Women Before and After the 2009 U.S. Preventive Services Task Force Recommendations. <i>Journal of Women's Health</i> , 2016, 25, 1030-1037.	1.5	8
74	Higher Mammography Screening Costs Without Appreciable Clinical Benefit: The Case of Digital Mammography. <i>Journal of the National Cancer Institute</i> , 2014, 106, dju191-dju191.	3.0	7
75	Advanced Breast Imaging Availability by Screening Facility Characteristics. <i>Academic Radiology</i> , 2015, 22, 846-852.	1.3	7
76	The Effect of Digital Breast Tomosynthesis Adoption on Facility-Level Breast Cancer Screening Volume. <i>American Journal of Roentgenology</i> , 2018, 211, 957-963.	1.0	7
77	An Abbreviated MRI Protocol for Breast Cancer Screening in Women With Dense Breasts. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 719.	3.8	7
78	Breast cancer screening initiation after turning 40 years of age within the PROSPR consortium. <i>Breast Cancer Research and Treatment</i> , 2016, 160, 323-331.	1.1	6
79	Hospitalization and Survival of Medicare Patients Treated With Carboplatin Plus Paclitaxel or Pemetrexed for Metastatic, Nonsquamous, Non-small Cell Lung Cancer. <i>JAMA Network Open</i> , 2018, 1, e183023.	2.8	5
80	Multi-level Influences on Breast Cancer Screening in Primary Care. <i>Journal of General Internal Medicine</i> , 2018, 33, 1729-1737.	1.3	5
81	Challenges With Identifying Indication for Examination in Breast Imaging as a Key Clinical Attribute in Practice, Research, and Policy. <i>Journal of the American College of Radiology</i> , 2017, 14, 198-207.e2.	0.9	4
82	Pandemic Use of Telehealth by Oncology at a Rural Academic Medical Center. <i>Telemedicine Journal and E-Health</i> , 2022, 28, 501-508.	1.6	4
83	Factors Influencing Telemedicine Use at a Northern New England Cancer Center During the COVID-19 Pandemic. <i>JCO Oncology Practice</i> , 2022, 18, e1141-e1153.	1.4	4
84	Annual Combined Mammography and Tomosynthesis Screening: Is It Really Cost-Effective?. <i>American Journal of Roentgenology</i> , 2016, 207, 1156-1158.	1.0	3
85	Multilevel follow-up of cancer screening (mFOCUS): Protocol for a multilevel intervention to improve the follow-up of abnormal cancer screening test results. <i>Contemporary Clinical Trials</i> , 2021, 109, 106533.	0.8	3
86	Breast Density Knowledge in a Screening Mammography Population Exposed to Density Notification. <i>Journal of the American College of Radiology</i> , 2022, 19, 615-624.	0.9	3
87	Comparison of clinician and model estimates of risk for hospitalization during systemic therapy for advanced cancer.. <i>Journal of Clinical Oncology</i> , 2021, 39, 1530-1530.	0.8	0