

# Mary L Lesperance

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,908  
citations

236925

25  
h-index

175258

52  
g-index

72  
all docs

72  
docs citations

72  
times ranked

4533  
citing authors

#	ARTICLE	IF	CITATIONS
1	PIECEWISE REGRESSION: A TOOL FOR IDENTIFYING ECOLOGICAL THRESHOLDS. <i>Ecology</i> , 2003, 84, 2034-2041.	3.2	738
2	Use of Palliative Performance Scale in End-of-Life Prognostication. <i>Journal of Palliative Medicine</i> , 2006, 9, 1066-1075.	1.1	142
3	An Algorithm for Computing the Nonparametric MLE of a Mixing Distribution. <i>Journal of the American Statistical Association</i> , 1992, 87, 120-126.	3.1	102
4	Use of the Palliative Performance Scale (PPS) for End-of-Life Prognostication in a Palliative Medicine Consultation Service. <i>Journal of Pain and Symptom Management</i> , 2009, 37, 965-972.	1.2	102
5	Mega-Dose Vitamins and Minerals in the Treatment of Non-Metastatic Breast Cancer: An Historical Cohort Study. <i>Breast Cancer Research and Treatment</i> , 2002, 76, 137-143.	2.5	92
6	A Nurse Practitioner Directed Intervention Improves the Quality of Life of Patients with Metastatic Cancer: Results of a Randomized Pilot Study. <i>Journal of Palliative Medicine</i> , 2012, 15, 890-895.	1.1	92
7	Intervals Longer Than 20 Weeks From Breast-Conserving Surgery to Radiation Therapy Are Associated With Inferior Outcome for Women With Early-Stage Breast Cancer Who Are Not Receiving Chemotherapy. <i>Journal of Clinical Oncology</i> , 2009, 27, 16-23.	1.6	90
8	Using the Palliative Performance Scale to Provide Meaningful Survival Estimates. <i>Journal of Pain and Symptom Management</i> , 2009, 38, 134-144.	1.2	90
9	Time to Stop Progesterone Receptor Testing in Breast Cancer Management. <i>Journal of Clinical Oncology</i> , 2004, 22, 1769-1770.	1.6	84
10	Stiffness and postural stability in adults with Down syndrome. <i>Experimental Brain Research</i> , 2004, 155, 450-458.	1.5	72
11	Efficacy of Nivolumab and Pembrolizumab in Patients With Advanced Non-Small-Cell Lung Cancer Needing Treatment Interruption Because of Adverse Events: A Retrospective Multicenter Analysis. <i>Clinical Lung Cancer</i> , 2019, 20, e97-e106.	2.6	71
12	Radiotherapy omission after breast-conserving surgery is associated with reduced breast cancer-specific survival in elderly women with breast cancer. <i>American Journal of Surgery</i> , 2006, 191, 749-755.	1.8	69
13	Validation of a Web-Based Predictive Nomogram for Ipsilateral Breast Tumor Recurrence After Breast Conserving Therapy. <i>Journal of Clinical Oncology</i> , 2010, 28, 718-722.	1.6	66
14	The Effects of Age and Comorbidity on Treatment and Outcomes in Women With Endometrial Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2005, 28, 157-164.	1.3	65
15	A review of semiparametric mixture models. <i>Journal of Statistical Planning and Inference</i> , 1995, 47, 29-39.	0.6	54
16	Sex Differences in Presentation and Outcome After an Acute Transient or Minor Neurologic Event. <i>JAMA Neurology</i> , 2019, 76, 962.	9.0	50
17	Survival Implications of Sudden Functional Decline as a Sentinel Event Using the Palliative Performance Scale. <i>Journal of Palliative Medicine</i> , 2010, 13, 549-557.	1.1	48
18	Effect of radiotherapy boost and hypofractionation on outcomes in ductal carcinoma in situ. <i>Cancer</i> , 2011, 117, 54-62.	4.1	45

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19	A Bayesian group sparse multi-task regression model for imaging genetics. <i>Bioinformatics</i> , 2017, 33, 2513-2522.	4.1	40
20	Conversion of Karnofsky Performance Status (KPS) and Eastern Cooperative Oncology Group Performance Status (ECOG) to Palliative Performance Scale (PPS), and the interchangeability of PPS and KPS in prognostic tools. <i>Journal of Palliative Care</i> , 2013, 29, 163-9.	1.0	38
21	Identification of gene expression indicators for thyroid axis disruption in a <i>Xenopus laevis</i> metamorphosis screening assay. <i>Aquatic Toxicology</i> , 2007, 82, 227-241.	4.0	37
22	A Case-Match Study Comparing Unilateral With Synchronous Bilateral Breast Cancer Outcomes. <i>Journal of Clinical Oncology</i> , 2011, 29, 4763-4768.	1.6	33
23	Implementation of Novel Design Features for qPCR-Based eDNA Assessment. <i>PLoS ONE</i> , 2016, 11, e0164907.	2.5	33
24	Predictors of Local Recurrence in a Population-Based Cohort of Women with Ductal Carcinoma In Situ Treated with Breast Conserving Surgery Alone. <i>Annals of Surgical Oncology</i> , 2011, 18, 119-124.	1.5	27
25	Local Recurrence in Women With Stage I Breast Cancer: Declining Rates Over Time in a Large, Population-Based Cohort. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 80-86.	0.8	27
26	Rethinking the biological relationships of the thyroid hormones, l-thyroxine and 3,5,3'-triiodothyronine. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 18, 44-53.	1.0	27
27	Clinicopathologic factors of the recurrent tumor predict outcome in patients with ipsilateral breast tumor recurrence. <i>Cancer</i> , 2011, 117, 2035-2043.	4.1	26
28	Prognostic significance of the neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio for advanced non-small cell lung cancer patients with high PD-L1 tumor expression receiving pembrolizumab. <i>Translational Lung Cancer Research</i> , 2021, 10, 355-367.	2.8	26
29	Development and Reliability Testing of the Victoria Bowel Performance Scale (BPS). <i>Journal of Pain and Symptom Management</i> , 2007, 34, 513-522.	1.2	25
30	A statistical model for calibration and computation of detection and quantification limits for low copy number environmental DNA samples. <i>Environmental DNA</i> , 2021, 3, 970-981.	5.8	24
31	Applying STOPP Guidelines in Primary Care Through Electronic Medical Record Decision Support: Randomized Control Trial Highlighting the Importance of Data Quality. <i>JMIR Medical Informatics</i> , 2017, 5, e15.	2.6	24
32	Prothrombin Time Determination: The Lack of Need for a Discard Tube and 24-Hour Stability. <i>American Journal of Clinical Pathology</i> , 1997, 108, 422-426.	0.7	23
33	Validation of a proteomic biomarker panel to diagnose minor-stroke and transient ischaemic attack: phase 2 of SpecTRA, a large scale translational study. <i>Biomarkers</i> , 2018, 23, 793-803.	1.9	23
34	Micrometastatic Node-Positive Breast Cancer: Long-Term Outcomes and Identification of High-Risk Subsets in a Large Population-Based Series. <i>Annals of Surgical Oncology</i> , 2010, 17, 2138-2146.	1.5	22
35	Increased use of regional radiotherapy is associated with improved outcome in a population-based cohort of women with breast cancer with 1-3 positive nodes. <i>Radiotherapy and Oncology</i> , 2010, 97, 301-306.	0.6	22
36	Assessing Conformance with Benford's Law: Goodness-Of-Fit Tests and Simultaneous Confidence Intervals. <i>PLoS ONE</i> , 2016, 11, e0151235.	2.5	21

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37	Verification of a proteomic biomarker panel to diagnose minor stroke and transient ischaemic attack: phase 1 of SpecTRA, a large scale translational study. <i>Biomarkers</i> , 2018, 23, 392-405.	1.9	21
38	Performance of a RT-PCR Assay in Comparison to FISH and Immunohistochemistry for the Detection of ALK in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2017, 9, 99.	3.7	20
39	Inter-rater reliability of the Bereavement Risk Assessment Tool. <i>Palliative and Supportive Care</i> , 2011, 9, 153-164.	1.0	19
40	Which prediction models best identify additional axillary disease after a positive sentinel node biopsy for breast cancer?. <i>Breast Cancer Research and Treatment</i> , 2012, 133, 695-702.	2.5	19
41	Association of age with differences in immune related adverse events and survival of patients with advanced nonsmall cell lung cancer receiving pembrolizumab or nivolumab. <i>Journal of Geriatric Oncology</i> , 2020, 11, 807-813.	1.0	18
42	Transcriptomics investigation of thyroid hormone disruption in the olfactory system of the Rana [Lithobates] catesbeiana tadpole. <i>Aquatic Toxicology</i> , 2018, 202, 46-56.	4.0	17
43	Reliability and validity of the Thai translation (Thai PPS Adult Suandok) of the Palliative Performance Scale (PPSv2). <i>Palliative Medicine</i> , 2012, 26, 1034-1041.	3.1	16
44	Simultaneous prediction of multiple outcomes using revised stacking algorithms. <i>Bioinformatics</i> , 2020, 36, 65-72.	4.1	16
45	The NARC (Nonsteroidal Anti-inflammatory in Renal Colic) Trial. Single-dose intravenous ketorolac versus titrated intravenous meperidine in acute renal colic: a randomized clinical trial. <i>Canadian Journal of Emergency Medicine</i> , 2000, 2, 83-89.	1.1	15
46	Measuring surgeon performance of sentinel lymph node biopsy in breast cancer treatment by cumulative sum analysis. <i>American Journal of Surgery</i> , 2007, 193, 556-560.	1.8	14
47	Identification of Patients at Very Low Risk of Local Recurrence After Breast-Conserving Surgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 556-562.	0.8	12
48	A Comparison of Methods for Univariate and Multivariate Acceptance Sampling by Variables. <i>Technometrics</i> , 1995, 37, 329-339.	1.9	11
49	Examining Time Intervals Between Diagnosis and Treatment in the Management of Patients With Limited Stage Small Cell Lung Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2006, 29, 21-26.	1.3	11
50	Randomized study evaluating testosterone recovery using short-versuslong-acting luteinizing hormone releasing hormone agonists. <i>Canadian Urological Association Journal</i> , 2011, 5, 173-179.	0.6	11
51	Close Margins Less Than 2Âmm Are Not Associated With Higher Risks of 10-Year Local Recurrence and Breast Cancer Mortality Compared With Negative Margins in Women Treated With Breast-Conserving Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 661-670.	0.8	10
52	A Comparison of Methods for Univariate and Multivariate Acceptance Sampling by Variables. <i>Technometrics</i> , 1995, 37, 329.	1.9	10
53	Optimal Bounds Used in Dollar-Unit Sampling: A Comparison of Reliability and Efficiency. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2004, 33, 109-143.	1.2	9
54	Brain Metastasis is an Early Manifestation of Distant Failure in Stage III Nonsmall Cell Lung Cancer Patients Treated With Radical Chemoradiation Therapy. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2008, 31, 561-566.	1.3	9

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55	Out-Gel Tryptic Digestion Procedure for Chemical Cross-Linking Studies with Mass Spectrometric Detection. <i>Journal of Proteome Research</i> , 2014, 13, 527-535.	3.7	9
56	White Matter Hyperintensity Volume Influences Symptoms in Patients Presenting With Minor Neurological Deficits. <i>Stroke</i> , 2020, 51, 409-415.	2.0	8
57	Nonparametric estimation of the mixing distribution in logistic regression mixed models with random intercepts and slopes. <i>Computational Statistics and Data Analysis</i> , 2014, 71, 211-219.	1.2	7
58	A Pilot Program in Collaboration with African American Churches Successfully Increases Awareness of the Importance of Cancer Research and Participation in Cancer Translational Research Studies among African Americans. <i>Journal of Cancer Education</i> , 2012, 27, 294-298.	1.3	6
59	Retrospective evaluation of a clinical decision support tool for effective computed tomography angiography utilization in urgent brain imaging of suspected TIA/minor stroke in the emergency department. <i>Canadian Journal of Emergency Medicine</i> , 2019, 21, 343-351.	1.1	6
60	Comparisons of simulation results between passive and active fluid structure interaction models for left ventricle in hypertrophic obstructive cardiomyopathy. <i>BioMedical Engineering OnLine</i> , 2021, 20, 9.	2.7	6
61	Does neoadjuvant hormone therapy improve outcome in prostate cancer patients receiving radiotherapy after radical prostatectomy?. <i>Canadian Journal of Urology</i> , 2009, 16, 4541-52.	0.0	6
62	NSABP Trials of Adjuvant Chemotherapy for Breast Cancer. <i>Annals of Surgery</i> , 1991, 214, 206-212.	4.2	5
63	A comparison of estimators of the proportion nonconforming in univariate and multivariate normal samples. <i>Journal of Statistical Computation and Simulation</i> , 1997, 59, 333-348.	1.2	4
64	Regularization parameter selection for a bayesian group sparse multi-task regression model with application to imaging genomics. , 2016, , .		4
65	Systolic blood pressure as a predictor of transient ischemic attack/minor stroke in emergency department patients under age 80: a prospective cohort study. <i>BMC Neurology</i> , 2019, 19, 251.	1.8	4
66	Validation of a multivariate clinical prediction model for the diagnosis of mild stroke/transient ischemic attack in physician first-contact patient settings. <i>Health Informatics Journal</i> , 2019, 25, 1148-1157.	2.1	4
67	Immune related adverse events and treatment discontinuation in patients older and younger than 75 years with advanced melanoma receiving nivolumab or pembrolizumab. <i>Journal of Geriatric Oncology</i> , 2021, , .	1.0	4
68	Reducing time-to-unit among patients referred to an outpatient stroke assessment unit with a novel triage process: a prospective cohort study. <i>BMC Health Services Research</i> , 2018, 18, 142.	2.2	2
69	Joint Modeling of Multivariate Survival Data With an Application to Retirement. <i>Sociological Methods and Research</i> , 2022, 51, 1920-1946.	6.8	2
70	Calculating the mvue of the fraction nonconforming for the bivariate normal. <i>Journal of Statistical Computation and Simulation</i> , 1998, 61, 259-270.	1.2	0
71	Time to Treatment With Nivolumab or Pembrolizumab for Patients With Advanced Melanoma in Everyday Practice. <i>Cureus</i> , 2021, 13, e19835.	0.5	0