

Laure Wynants

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

5,580
citations

257357

24
h-index

223716

46
g-index

53
all docs

53
docs citations

53
times ranked

10124
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction models for diagnosis and prognosis of covid-19: systematic review and critical appraisal. <i>BMJ, The</i> , 2020, 369, m1328.	3.0	2,134
2	Calibration: the Achilles heel of predictive analytics. <i>BMC Medicine</i> , 2019, 17, 230.	2.3	745
3	Reporting and Interpreting Decision Curve Analysis: A Guide for Investigators. <i>European Urology</i> , 2018, 74, 796-804.	0.9	590
4	Predicting the risk of malignancy in adnexal masses based on the Simple Rules from the International Ovarian Tumor Analysis group. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, 424-437.	0.7	212
5	The impact of complaints procedures on the welfare, health and clinical practise of 7926 doctors in the UK: a cross-sectional survey. <i>BMJ Open</i> , 2015, 5, e006687-e006687.	0.8	150
6	Posttraumatic stress, anxiety and depression following miscarriage and ectopic pregnancy: a multicenter, prospective, cohort study. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 367.e1-367.e22.	0.7	120
7	Predictive analytics in health care: how can we know it works?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 1651-1654.	2.2	110
8	Risk of complications in patients with conservatively managed ovarian tumours (IOTA5): a 2-year interim analysis of a multicentre, prospective, cohort study. <i>Lancet Oncology, The</i> , 2019, 20, 448-458.	5.1	110
9	Three myths about risk thresholds for prediction models. <i>BMC Medicine</i> , 2019, 17, 192.	2.3	101
10	Strategies to diagnose ovarian cancer: new evidence from phase 3 of the multicentre international IOTA study. <i>British Journal of Cancer</i> , 2014, 111, 680-688.	2.9	98
11	A simulation study of sample size demonstrated the importance of the number of events per variable to develop prediction models in clustered data. <i>Journal of Clinical Epidemiology</i> , 2015, 68, 1406-1414.	2.4	94
12	Machine Learning in Medicine. <i>New England Journal of Medicine</i> , 2019, 380, 2588-2590.	13.9	90
13	Multicentre external validation of IOTA prediction models and RMI by operators with varied training. <i>British Journal of Cancer</i> , 2013, 108, 2448-2454.	2.9	80
14	Key steps and common pitfalls in developing and validating risk models. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2017, 124, 423-432.	1.1	70
15	Validation of models to diagnose ovarian cancer in patients managed surgically or conservatively: multicentre cohort study. <i>BMJ, The</i> , 2020, 370, m2614.	3.0	54
16	Methodology over metrics: current scientific standards are a disservice to patients and society. <i>Journal of Clinical Epidemiology</i> , 2021, 138, 219-226.	2.4	54
17	ROC curves for clinical prediction models part 1. ROC plots showed no added value above the AUC when evaluating the performance of clinical prediction models. <i>Journal of Clinical Epidemiology</i> , 2020, 126, 207-216.	2.4	51
18	Predicting successful vaginal birth after Cesarean section using a model based on Cesarean scar features examined by transvaginal sonography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013, 41, 672-678.	0.9	49

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19	Does the presence of a Caesarean section scar affect implantation site and early pregnancy outcome in women attending an early pregnancy assessment unit?. <i>Human Reproduction</i> , 2013, 28, 1489-1496.	0.4	46
20	Doctors' experiences and their perception of the most stressful aspects of complaints processes in the UK: an analysis of qualitative survey data. <i>BMJ Open</i> , 2016, 6, e011711.	0.8	43
21	Clinical Utility of Risk Models to Refer Patients with Adnexal Masses to Specialized Oncology Care: Multicenter External Validation Using Decision Curve Analysis. <i>Clinical Cancer Research</i> , 2017, 23, 5082-5090.	3.2	37
22	Validation of the Performance of International Ovarian Tumor Analysis (IOTA) Methods in the Diagnosis of Early Stage Ovarian Cancer in a Non-Screening Population. <i>Diagnostics</i> , 2017, 7, 32.	1.3	34
23	Random-effects meta-analysis of the clinical utility of tests and prediction models. <i>Statistics in Medicine</i> , 2018, 37, 2034-2052.	0.8	31
24	Changing predictor measurement procedures affected the performance of prediction models in clinical examples. <i>Journal of Clinical Epidemiology</i> , 2020, 119, 7-18.	2.4	31
25	Doctors'™ perception of support and the processes involved in complaints investigations and how these relate to welfare and defensive practice: a cross-sectional survey of the UK physicians. <i>BMJ Open</i> , 2017, 7, e017856.	0.8	29
26	Does ignoring clustering in multicenter data influence the performance of prediction models? A simulation study. <i>Statistical Methods in Medical Research</i> , 2018, 27, 1723-1736.	0.7	26
27	Validation of ultrasound strategies to assess tumor extension and to predict high-risk endometrial cancer in women from the prospective IETA (International Endometrial Tumor Analysis) cohort. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 55, 115-124.	0.9	26
28	Differences in post-traumatic stress, anxiety and depression following miscarriage or ectopic pregnancy between women and their partners: multicenter prospective cohort study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 141-148.	0.9	25
29	Clinical prediction models for mortality in patients with covid-19: external validation and individual participant data meta-analysis. <i>BMJ, The</i> , 0, , e069881.	3.0	24
30	Practical guidance for applying the ADNEX model from the IOTA group to discriminate between different subtypes of adnexal tumors. <i>Facts, Views & Vision in ObGyn</i> , 2015, 7, 32-41.	0.5	21
31	Efficient use of pure component and interferent spectra in multivariate calibration. <i>Analytica Chimica Acta</i> , 2013, 778, 15-23.	2.6	20
32	Untapped potential of multicenter studies: a review of cardiovascular risk prediction models revealed inappropriate analyses and wide variation in reporting. <i>Diagnostic and Prognostic Research</i> , 2019, 3, 6.	0.8	20
33	Screening for data clustering in multicenter studies: the residual intraclass correlation. <i>BMC Medical Research Methodology</i> , 2013, 13, 128.	1.4	19
34	External validation of models to predict the outcome of pregnancies of unknown location: a multicentre cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 552-562.	1.1	17
35	Demystifying AI in healthcare. <i>BMJ, The</i> , 2020, 370, m3505.	3.0	14
36	Ultrasound features of endometrial pathology in women without abnormal uterine bleeding: results from the International Endometrial Tumor Analysis study (<sc>IETA3</sc>). <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 60, 243-255.	0.9	14

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37	Ultrasound-based risk model for preoperative prediction of lymph node metastases in women with endometrial cancer: model development study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 443-452.	0.9	13
38	Developing risk models for multicenter data using standard logistic regression produced suboptimal predictions: A simulation study. <i>Biometrical Journal</i> , 2020, 62, 932-944.	0.6	13
39	Improving clinical management of COVID-19: the role of prediction models. <i>Lancet Respiratory Medicine</i> , 2021, 9, 320-321.	5.2	12
40	Does poor methodological quality of prediction modeling studies translate to poor model performance? An illustration in traumatic brain injury. <i>Diagnostic and Prognostic Research</i> , 2022, 6, 8.	0.8	7
41	ROC curves for clinical prediction models part 3. The ROC plot: a picture that needs a 1000 words. <i>Journal of Clinical Epidemiology</i> , 2020, 126, 220-223.	2.4	6
42	The Risk of Endometrial Malignancy and Other Endometrial Pathology in Women with Abnormal Uterine Bleeding: An Ultrasound-Based Model Development Study by the IETA Group. <i>Gynecologic and Obstetric Investigation</i> , 2022, 87, 54-61.	0.7	5
43	Prediction models: stepwise development and simultaneous validation is a step back. <i>Journal of Clinical Epidemiology</i> , 2021, , .	2.4	3
44	Risk assessment for endometrial cancer in women with abnormal vaginal bleeding: Results from the prospective IETA cohort study. <i>International Journal of Gynecology and Obstetrics</i> , 2022, 159, 103-110.	1.0	3
45	Adherence rates to a prediction tool identifying women with an increased gestational diabetes risk: An implementation study. <i>International Journal of Gynecology and Obstetrics</i> , 2021, 154, 85-91.	1.0	2
46	The independent effect of tumor size in predicting ovarian malignancy. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2012, 162, 237-238.	0.5	1
47	Reply. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013, 42, 123-124.	0.9	0
48	Correction. <i>Statistics in Medicine</i> , 2020, 39, 1901-1902.	0.8	0