

Lara Lusa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

2,037
citations

23
h-index

43
g-index

84
ext. papers

2,512
ext. citations

5.7
avg, IF

5.08
L-index

#	Paper	IF	Citations
80	SMOTE for high-dimensional class-imbalanced data. <i>BMC Bioinformatics</i> , 2013 , 14, 106	3.6	321
79	Class prediction for high-dimensional class-imbalanced data. <i>BMC Bioinformatics</i> , 2010 , 11, 523	3.6	135
78	Quantitative and qualitative characterization of plasma DNA identifies primary and recurrent colorectal cancer. <i>Cancer Letters</i> , 2008 , 263, 170-81	9.9	106
77	Limits of predictive models using microarray data for breast cancer clinical treatment outcome. <i>Journal of the National Cancer Institute</i> , 2005 , 97, 927-30	9.7	104
76	Firth's logistic regression with rare events: accurate effect estimates and predictions?. <i>Statistics in Medicine</i> , 2017 , 36, 2302-2317	2.3	76
75	Subcellular localization of activated leukocyte cell adhesion molecule is a molecular predictor of survival in ovarian carcinoma patients. <i>Clinical Cancer Research</i> , 2008 , 14, 1726-33	12.9	75
74	Challenges in projecting clustering results across gene expression-profiling datasets. <i>Journal of the National Cancer Institute</i> , 2007 , 99, 1715-23	9.7	73
73	Course and Outcome of Early European Lyme Neuroborreliosis (Bannwarth Syndrome): Clinical and Laboratory Findings. <i>Clinical Infectious Diseases</i> , 2016 , 63, 346-53	11.6	71
72	Gene expression pathway analysis to predict response to neoadjuvant docetaxel and capecitabine for breast cancer. <i>Breast Cancer Research and Treatment</i> , 2010 , 119, 685-99	4.4	70
71	Improved metabolic control in pediatric patients with type 1 diabetes: a nationwide prospective 12-year time trends analysis. <i>Diabetes Technology and Therapeutics</i> , 2014 , 16, 33-40	8.1	57
70	Treatment of erythema migrans with doxycycline for 10 days versus 15 days. <i>Clinical Infectious Diseases</i> , 2012 , 55, 343-50	11.6	54
69	miR-342 regulates BRCA1 expression through modulation of ID4 in breast cancer. <i>PLoS ONE</i> , 2014 , 9, e87039	3.7	54
68	Joint use of over- and under-sampling techniques and cross-validation for the development and assessment of prediction models. <i>BMC Bioinformatics</i> , 2015 , 16, 363	3.6	44
67	Coronavirus infections in hospitalized pediatric patients with acute respiratory tract disease. <i>BMC Infectious Diseases</i> , 2012 , 12, 365	4	41
66	Resting heart rate variability and heart rate recovery after submaximal exercise. <i>Clinical Autonomic Research</i> , 2014 , 24, 53-61	4.3	38
65	Detection of human coronaviruses in simultaneously collected stool samples and nasopharyngeal swabs from hospitalized children with acute gastroenteritis. <i>Virology Journal</i> , 2013 , 10, 46	6.1	35
64	Suspected early Lyme neuroborreliosis in patients with erythema migrans. <i>Clinical Infectious Diseases</i> , 2013 , 57, 501-9	11.6	35

63	Quantitative detection of <i>Borrelia burgdorferi</i> sensu lato in erythema migrans skin lesions using internally controlled duplex real time PCR. <i>PLoS ONE</i> , 2013 , 8, e63968	3.7	31
62	Tick-borne encephalitis in patients vaccinated against this disease. <i>Journal of Internal Medicine</i> , 2017 , 282, 142-155	10.8	30
61	The Role of Human Coronaviruses in Children Hospitalized for Acute Bronchiolitis, Acute Gastroenteritis, and Febrile Seizures: A 2-Year Prospective Study. <i>PLoS ONE</i> , 2016 , 11, e0155555	3.7	30
60	Academic output of 9 years of EU investment into health research. <i>Lancet, The</i> , 2012 , 380, 971-2	4.0	28
59	Gradient boosting for high-dimensional prediction of rare events. <i>Computational Statistics and Data Analysis</i> , 2017 , 113, 19-37	1.6	24
58	The long-term outcome of tick-borne encephalitis in Central Europe. <i>Ticks and Tick-borne Diseases</i> , 2018 , 9, 369-378	3.6	23
57	Identification of historical polymers using Near-Infrared Spectroscopy. <i>Polymer Degradation and Stability</i> , 2014 , 107, 341-347	4.7	23
56	Detection of post-exercise stunning by early gated SPECT myocardial perfusion imaging: results from the IAEA multi-center study. <i>Journal of Nuclear Cardiology</i> , 2014 , 21, 1168-76	2.1	21
55	Evaluation of SMOTE for High-Dimensional Class-Imbalanced Microarray Data 2012 ,		21
54	Correlation of Culture Positivity, PCR Positivity, and Burden of <i>Borrelia burgdorferi</i> Sensu Lato in Skin Samples of Erythema Migrans Patients with Clinical Findings. <i>PLoS ONE</i> , 2015 , 10, e0136600	3.7	21
53	Idiopathic venous thrombosis is associated with preclinical atherosclerosis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010 , 17, 304-11	4	20
52	Improved shrunken centroid classifiers for high-dimensional class-imbalanced data. <i>BMC Bioinformatics</i> , 2013 , 14, 64	3.6	19
51	Boosting for high-dimensional two-class prediction. <i>BMC Bioinformatics</i> , 2015 , 16, 300	3.6	18
50	Borrelial Lymphocytoma in Adult Patients. <i>Clinical Infectious Diseases</i> , 2016 , 63, 914-21	11.6	16
49	Clinical characteristics associated with <i>Borrelia burgdorferi</i> sensu lato skin culture results in patients with erythema migrans. <i>PLoS ONE</i> , 2013 , 8, e82132	3.7	15
48	Estimation of predictive accuracy in survival analysis using R and S-PLUS. <i>Computer Methods and Programs in Biomedicine</i> , 2007 , 87, 132-7	6.9	15
47	Factors associated with severity of tick-borne encephalitis: A prospective observational study. <i>Travel Medicine and Infectious Disease</i> , 2018 , 26, 25-31	8.4	15
46	Viral respiratory infections in a nursing home: a six-month prospective study. <i>BMC Infectious Diseases</i> , 2016 , 16, 637	4	14

45	Exercise stress tests for detecting myocardial ischemia in asymptomatic patients with diabetes mellitus. <i>American Journal of Cardiology</i> , 2013 , 112, 14-20	3	14
44	Respiratory and Enteric Virus Detection in Children. <i>Journal of Child Neurology</i> , 2017 , 32, 84-93	2.5	14
43	Intrathecal produced IgG and IgM antibodies to recombinant VlsE, VlsE peptide, recombinant OspC and whole cell extracts in the diagnosis of Lyme neuroborreliosis. <i>Medical Microbiology and Immunology</i> , 2014 , 203, 125-32	4	14
42	Patterns and changes in gene expression following neo-adjuvant anti-estrogen treatment in estrogen receptor-positive breast cancer. <i>Endocrine-Related Cancer</i> , 2008 , 15, 439-49	5.7	13
41	Appropriateness of some resampling-based inference procedures for assessing performance of prognostic classifiers derived from microarray data. <i>Statistics in Medicine</i> , 2007 , 26, 1102-13	2.3	13
40	Oseltamivir prophylaxis in controlling influenza outbreak in nursing homes: a comparison between three different approaches. <i>Infection</i> , 2015 , 43, 73-81	5.8	12
39	Relationship Between Polymorphisms in Methotrexate Pathway Genes and Outcome of Methotrexate Treatment in a Cohort of 119 Patients with Juvenile Idiopathic Arthritis. <i>Journal of Rheumatology</i> , 2017 , 44, 1216-1223	4.1	11
38	Comparison of post-Lyme Borreliosis symptoms in erythema migrans patients with positive and negative <i>Borrelia burgdorferi sensu lato</i> skin culture. <i>Vector-Borne and Zoonotic Diseases</i> , 2011 , 11, 883-9	2.4	11
37	Virus RNA Load in Patients with Tick-Borne Encephalitis, Slovenia. <i>Emerging Infectious Diseases</i> , 2018 , 24, 1315-1323	10.2	10
36	Bacterial infection in elderly nursing home and community-based patients: a prospective cohort study. <i>Infection</i> , 2013 , 41, 909-16	5.8	10
35	Decreased prevalence of hypercholesterolaemia and stabilisation of obesity trends in 5-year-old children: possible effects of changed public health policies. <i>European Journal of Endocrinology</i> , 2014 , 170, 293-300	6.5	10
34	Course and outcome of Early Lyme borreliosis in patients with hematological malignancies. <i>Clinical Infectious Diseases</i> , 2015 , 61, 427-31	11.6	9
33	Revising a Prognostic Index Developed for Classification Purposes: An Application to Gastric Cancer Data. <i>Journal of Applied Statistics</i> , 2004 , 31, 817-830	1	9
32	Re: Limits of predictive models using microarray data for breast cancer clinical treatment outcome. <i>Journal of the National Cancer Institute</i> , 2005 , 97, 1851-2; author reply 1852-3	9.7	9
31	Clinical-pharmacogenetic predictive models for MTX discontinuation due to adverse events in rheumatoid arthritis. <i>Pharmacogenomics Journal</i> , 2017 , 17, 412-418	3.5	8
30	Stabilization of Overweight and Obesity in Slovenian Adolescents and Increased Risk in Those Entering Non-Grammar Secondary Schools. <i>Obesity Facts</i> , 2016 , 9, 241-50	5.1	8
29	Inflammatory Immune Responses in the Pathogenesis of Tick-Borne Encephalitis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	7
28	Inflammatory Immune Responses in Patients with Tick-Borne Encephalitis: Dynamics and Association with the Outcome of the Disease. <i>Microorganisms</i> , 2019 , 7,	4.9	7

27	Restricted cubic splines for modelling periodic data. <i>PLoS ONE</i> , 2020 , 15, e0241364	3.7	7
26	Detection of herpes simplex and varicella-zoster virus from skin lesions: comparison of RT-PCR and isothermal amplification for rapid identification. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020 , 97, 115015	2.9	6
25	Serum protein profiles, circulating immune complexes and proteinuria in dogs naturally infected with <i>Anaplasma phagocytophilum</i> . <i>Veterinary Microbiology</i> , 2014 , 173, 160-5	3.3	6
24	Are patients with erythema migrans who have leukopenia and/or thrombocytopenia coinfecting with <i>Anaplasma phagocytophilum</i> or tick-borne encephalitis virus?. <i>PLoS ONE</i> , 2014 , 9, e103188	3.7	6
23	Comparison of clinical and laboratory characteristics of patients fulfilling criteria for proven and probable human granulocytic anaplasmosis. <i>Microbes and Infection</i> , 2015 , 17, 829-33	9.3	5
22	A class comparison method with filtering-enhanced variable selection for high-dimensional data sets. <i>Statistics in Medicine</i> , 2008 , 27, 5834-49	2.3	5
21	Should we consider faecal colonisation with extended-spectrum β -lactamase-producing Enterobacteriaceae in empirical therapy of community-onset sepsis?. <i>International Journal of Antimicrobial Agents</i> , 2017 , 50, 564-571	14.3	4
20	A Modified Prognostic Score for Patients with Curatively Resected Gastric Cancer. <i>Tumori</i> , 2005 , 91, 221-226	2.7	4
19	Hidden analyses: a review of reporting practice and recommendations for more transparent reporting of initial data analyses. <i>BMC Medical Research Methodology</i> , 2020 , 20, 61	4.7	3
18	Respiratory viruses in patients and employees in an intensive care unit. <i>Infection</i> , 2012 , 40, 381-8	5.8	3
17	The Class-Imbalance Problem for High-Dimensional Class Prediction 2012 ,		3
16	Acrodermatitis chronica atrophicans: clinical and microbiological characteristics of a cohort of 693 Slovenian patients. <i>Journal of Internal Medicine</i> , 2021 , 290, 335-348	10.8	3
15	Providing patients visiting emergency departments with useful information using public real time data: A case study based on Italian data. <i>Journal of Evaluation in Clinical Practice</i> , 2019 , 25, 404-411	2.5	3
14	medplot: a web application for dynamic summary and analysis of longitudinal medical data based on R. <i>PLoS ONE</i> , 2015 , 10, e0121760	3.7	2
13	Re: Molecular basis for estrogen receptor alpha deficiency in BRCA1-linked breast cancer. <i>Journal of the National Cancer Institute</i> , 2008 , 100, 752-3; author reply 753-4	9.7	2
12	Course and Outcome of Erythema Migrans in Pregnant Women. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
11	Comparison of Clinical, Laboratory and Immune Characteristics of the Monophasic and Biphasic Course of Tick-Borne Encephalitis. <i>Microorganisms</i> , 2021 , 9,	4.9	2
10	Impact of pre-existing treatment with statins on the course and outcome of tick-borne encephalitis. <i>PLoS ONE</i> , 2018 , 13, e0204773	3.7	2

9	Increased perioperative C-reactive protein and decreased postoperative albumin is associated with acute posttraumatic osteomyelitis in patients with high-energy tibial fractures. <i>Injury</i> , 2019 , 50, 827-833	2.5	1
8	RESPONSE: Re: Limits of Predictive Models Using Microarray Data for Breast Cancer Clinical Treatment Outcome. <i>Journal of the National Cancer Institute</i> , 2005 , 97, 1852-1853	9.7	1
7	Classification of weekly provincial overall age- and gender-specific mortality patterns during the COVID-19 epidemics in Italy. <i>Epidemiologia E Prevenzione</i> , 2020 , 44, 271-281	1.1	1
6	Artificially generated near-infrared spectral data for classification purposes. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2018 , 172, 100-108	3.8	1
5	Upregulated Intrathecal Expression of VEGF-A and Long Lasting Global Upregulation of Proinflammatory Immune Mediators in Vaccine Breakthrough Tick-Borne Encephalitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 696337	5.9	1
4	Organizing and Analyzing Data from the SHARE Study with an Application to Age and Sex Differences in Depressive Symptoms. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
3	Unique Clinical, Immune, and Genetic Signature in Patients with Borrelial Meningoradiculoneuritis.. <i>Emerging Infectious Diseases</i> , 2022 , 28,	10.2	1
2	Evaluating effectiveness of preoperative testing procedure: some notes on modelling strategies in multi-centre surveys. <i>Journal of Evaluation in Clinical Practice</i> , 2008 , 14, 11-8	2.5	
1	Identifying the Italian provinces with increased mortality during COVID-19 epidemics using the data made available by the Italian National Institute of Statistics. A methodological challenge. <i>Epidemiologia E Prevenzione</i> , 2020 , 44, 260-270	1.1	