

Yuedong Wang

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

1,892
citations

346980

22
h-index

340414

39
g-index

76
all docs

76
docs citations

76
times ranked

2151
citing authors

#	ARTICLE	IF	CITATIONS
1	Trajectories of clinical and laboratory characteristics associated with COVID-19 in hemodialysis patients by survival. Hemodialysis International, 2022, 26, 94-107.	0.4	6
2	A shrinkage approach to joint estimation of multiple covariance matrices. Metrika, 2021, 84, 339-374.	0.5	1
3	Relationship between serum phosphate levels and survival in chronic hemodialysis patients: interactions with age, malnutrition and inflammation. CKJ: Clinical Kidney Journal, 2021, 14, 348-357.	1.4	11
4	Characterizing COVID-19 and Influenza Illnesses in the Real World via Person-Generated Health Data. Patterns, 2021, 2, 100188.	3.1	52
5	Arterial oxygen saturation and hypoxemia in hemodialysis patients with COVID-19. CKJ: Clinical Kidney Journal, 2021, 14, 1222-1228.	1.4	3
6	Comparative Analysis of SARS-CoV-2 Reproduction Rates in the Dialysis and General Populations. Journal of the American Society of Nephrology: JASN, 2021, 32, 791-794.	3.0	8
7	Low-rank approximation for smoothing spline via eigensystem truncation. Stat, 2021, 10, e355.	0.3	0
8	SARS-CoV-2 Seropositivity Rates in Patients and Clinical Staff in New York City Dialysis Facilities: Association With the General Population. Kidney Medicine, 2021, 3, 678-679.	1.0	3
9	Prediction of Mortality and Hospitalization Risk Using Nutritional Indicators and Their Changes Over Time in a Large Prevalent Hemodialysis Cohort. , 2020, 30, 69-78.		6
10	Clinical and predictive value of simplified creatinine index used as muscle mass surrogate in end-stage kidney disease haemodialysis patients—results from the international MONitoring Dialysis Outcome initiative. Nephrology Dialysis Transplantation, 2020, 35, 2161-2171.	0.4	39
11	Smoothing Spline Semiparametric Density Models. Journal of the American Statistical Association, 2020, , 1-14.	1.8	1
12	Delayed conversion from central venous catheter to non-catheter hemodialysis access associates with an increased risk of death: A retrospective cohort study based on data from a large dialysis provider. Hemodialysis International, 2020, 24, 299-308.	0.4	5
13	Does Incident Solar Ultraviolet Radiation Lower Blood Pressure?. Journal of the American Heart Association, 2020, 9, e013837.	1.6	37
14	Association of all-cause mortality with pre-dialysis systolic blood pressure and its peridialytic change in chronic hemodialysis patients. Nephrology Dialysis Transplantation, 2020, 35, 1602-1608.	0.4	10
15	Seasonal and Secular Trends of Cardiovascular, Nutritional, and Inflammatory Markers in Patients on Hemodialysis. Kidney360, 2020, 1, 93-105.	0.9	2
16	Estimating the mean and variance from the five-number summary of a log-normal distribution. Statistics and Its Interface, 2020, 13, 519-531.	0.2	6
17	Spline density estimation and inference with model-based penalties. Journal of Nonparametric Statistics, 2019, 31, 596-611.	0.4	0
18	Cycles, Arrows and Turbulence: Time Patterns in Renal Disease, a Path from Epidemiology to Personalized Medicine?. Blood Purification, 2019, 47, 171-184.	0.9	9

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19	Intradialytic hypertension is associated with low intradialytic arterial oxygen saturation. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1040-1045.	0.4	10
20	Pre-dialysis fluid status, pre-dialysis systolic blood pressure and outcome in prevalent haemodialysis patients: results of an international cohort study on behalf of the MONDO initiative. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 2027-2034.	0.4	34
21	Divide and Recombine Approaches for Fitting Smoothing Spline Models with Large Datasets. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 677-683.	0.9	9
22	Highly effective active learning in a one-year biochemistry series with limited resources. <i>Biochemistry and Molecular Biology Education</i> , 2018, 47, 7-15.	0.5	10
23	FP632VARIABILITY OF PRE-DIALYSIS SERUM SODIUM, A RISK FACTOR OF SURVIVAL IN HEMODIALYSIS PATIENTS: RESULTS FROM THE MONDO CONSORTIUM. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i256-i256.	0.4	0
24	Sa0064ASSOCIATION OF LIPOPROTEINS WITH INFECTION-RELATED MORTALITY IN CHRONIC HEMODIALYSIS PATIENTS: RESULTS FROM THE GLOBAL MONITORING DIALYSIS OUTCOMES (MONDO) INITIATIVE. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i343-i343.	0.4	0
25	Lipid levels are inversely associated with infectious and all-cause mortality: international MONDO study results. <i>Journal of Lipid Research</i> , 2018, 59, 1519-1528.	2.0	53
26	Multiple-index varying-coefficient models for longitudinal data. <i>Journal of Applied Statistics</i> , 2017, 44, 1960-1978.	0.6	1
27	Variable selection for joint models of multivariate longitudinal measurements and event time data. <i>Statistics in Medicine</i> , 2017, 36, 3820-3829.	0.8	12
28	Performance of the Surprise Question Compared to Prediction Models in Hemodialysis Patients: A Prospective Study. <i>American Journal of Nephrology</i> , 2017, 46, 390-396.	1.4	7
29	Varying-coefficient single-index model for longitudinal data. <i>Statistics and Its Interface</i> , 2017, 10, 495-504.	0.2	0
30	SP610SEASONAL TRENDS OF INFLAMMATORY MARKERS: DOES THE HEMODIALYSIS ACCESS PLAY A ROLE?. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i298-i298.	0.4	0
31	MP587INTRADIALYTIC HYPERTENSION IS ASSOCIATED WITH LOWER OXYGEN SATURATION DURING HEMODIALYSIS. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i537-i537.	0.4	0
32	Joint Model for Mortality and Hospitalization. <i>International Journal of Biostatistics</i> , 2016, 12, .	0.4	0
33	Intradialytic Hypoxemia and Clinical Outcomes in Patients on Hemodialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 616-625.	2.2	56
34	Seasonal variations in mortality and clinical indicators in international hemodialysis populations from the MONDO registry. <i>BMC Nephrology</i> , 2015, 16, 139.	0.8	32
35	Estimation of variances and covariances for high-dimensional data: a selective review. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2014, 6, 255-264.	2.1	19
36	Dynamics of hospitalizations in hemodialysis patients: results from a large US provider. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 442-448.	0.4	24

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37	Stochastic dynamic models and Chebyshev splines. <i>Canadian Journal of Statistics</i> , 2014, 42, 610-634.	0.6	4
38	Variable selection in linear models. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2014, 6, 1-9.	2.1	20
39	Nonparametric Regression With Basis Selection From Multiple Libraries. <i>Technometrics</i> , 2013, 55, 189-201.	1.3	8
40	The MONitoring Dialysis Outcomes (MONDO) Initiative. <i>Blood Purification</i> , 2013, 35, 37-48.	0.9	34
41	Monitoring Dialysis Outcomes across the World - The MONDO Global Database Consortium. <i>Blood Purification</i> , 2013, 36, 165-172.	0.9	19
42	Interdialytic weight gain, systolic blood pressure, serum albumin, and C-reactive protein levels change in chronic dialysis patients prior to death. <i>Kidney International</i> , 2013, 84, 149-157.	2.6	53
43	James's Stein type estimators of variances. <i>Journal of Multivariate Analysis</i> , 2012, 107, 232-243.	0.5	6
44	Smoothing Spline Semiparametric Nonlinear Regression Models. <i>Journal of Computational and Graphical Statistics</i> , 2009, 18, 165-183.	0.9	10
45	Variance Estimation in the Analysis of Microarray Data. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2009, 71, 425-445.	1.1	20
46	Relative Errors of Difference-Based Variance Estimators in Nonparametric Regression. <i>Communications in Statistics - Theory and Methods</i> , 2008, 37, 2890-2902.	0.6	7
47	Nonparametric variance estimation in the analysis of microarray data: a measurement error approach. <i>Biometrika</i> , 2008, 95, 437-449.	1.3	17
48	Smoothing Spline Estimation of Variance Functions. <i>Journal of Computational and Graphical Statistics</i> , 2007, 16, 312-329.	0.9	14
49	Optimal Shrinkage Estimation of Variances With Applications to Microarray Data Analysis. <i>Journal of the American Statistical Association</i> , 2007, 102, 113-122.	1.8	55
50	Modeling of Hormone Secretion-Generating Mechanisms with Splines: A Pseudo-Likelihood Approach. <i>Biometrics</i> , 2007, 63, 201-208.	0.8	4
51	Detecting Pulsatile Hormone Secretions Using Nonlinear Mixed Effects Partial Spline Models. <i>Biometrics</i> , 2006, 62, 230-238.	0.8	9
52	Genomic Alterations in Ectopic and Eutopic Endometria of Women with Endometriosis. <i>Gynecologic and Obstetric Investigation</i> , 2006, 62, 148-159.	0.7	64
53	Rejoinder to "On Analyzing Circadian Rhythms Data Using Nonlinear Mixed Models with Harmonic Terms". <i>Biometrics</i> , 2005, 61, 1120-1122.	0.8	0
54	Statistical methods for detecting genomic alterations through array-based comparative genomic hybridization (CGH). <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 540.	3.0	17

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55	Smoothing Spline Nonlinear Nonparametric Regression Models. Journal of the American Statistical Association, 2004, 99, 1166-1175.	1.8	14
56	Genomic alterations in the endometrium may be a proximate cause for endometriosis. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2004, 116, 89-99.	0.5	35
57	Shape-Invariant Modeling of Circadian Rhythms with Random Effects and Smoothing Spline ANOVA Decompositions. Biometrics, 2003, 59, 804-812.	0.8	41
58	Semiparametric Nonlinear Mixed-Effects Models and Their Applications. Journal of the American Statistical Association, 2001, 96, 1272-1298.	1.8	85
59	Generalized Nonparametric Mixed Effects Models. Journal of Computational and Graphical Statistics, 2001, 10, 641-655.	0.9	24
60	A Signal Extraction Approach to Modeling Hormone Time Series with Pulses and a Changing Baseline. Journal of the American Statistical Association, 1999, 94, 746-756.	1.8	41
61	Mixed effects smoothing spline analysis of variance. Journal of the Royal Statistical Society Series B: Statistical Methodology, 1998, 60, 159-174.	1.1	154
62	Sample size calculations for smoothing splines based on Bayesian confidence intervals. Statistics and Probability Letters, 1998, 38, 161-166.	0.4	3
63	Smoothing Spline Models with Correlated Random Errors. Journal of the American Statistical Association, 1998, 93, 341-348.	1.8	176
64	A Flexible Model for Human Circadian Rhythms. Biometrics, 1996, 52, 588.	0.8	40
65	Behavior near zero of the distribution of GCV smoothing parameter estimates. Statistics and Probability Letters, 1995, 25, 105-111.	0.4	29
66	Smoothing spline ANOVA for exponential families, with application to the Wisconsin Epidemiological Study of Diabetic Retinopathy : the 1994 Neyman Memorial Lecture. Annals of Statistics, 1995, 23, 1865.	1.4	159
67	Bootstrap confidence intervals for smoothing splines and their comparison to bayesian confidence intervals. Journal of Statistical Computation and Simulation, 1995, 51, 263-279.	0.7	51
68	Recent Advances in the Analysis of Episodic Hormone Data. , 0, , 527-546.		0
69	SP397 CONCURRENT SEASONAL VARIATIONS IN INTERDIALYTIC WEIGHT GAIN AND SERUM SODIUM LEVELS. Nephrology Dialysis Transplantation, 0, , .	0.4	0
70	Direct local linear estimation for Sharpe ratio function. Canadian Journal of Statistics, 0, , .	0.6	2
71	Smoothing Splines. , 0, , .		150
72	Smoothing Spline Models with Correlated Random Errors. , 0, .		39

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73	A Signal Extraction Approach to Modeling Hormone Time Series with Pulses and a Changing Baseline. , 0, .		15
74	Estimating time-varying treatment switching effect using accelerated failure time model with application to vascular access for hemodialysis. Communications in Statistics - Theory and Methods, 0, , 1-10.	0.6	0
75	Estimation and model selection for nonparametric function-on-function regression. Journal of Computational and Graphical Statistics, 0, , 1-31.	0.9	2