Mahdi Roozbeh

List of Publications by Year
in descending order

40 papers	649 citations	567281 15 h-index	642732 23 g-index
40 all docs	40 docs citations	40 times ranked	164 citing authors

#	Article	IF	Citations
1	Optimal partial ridge estimation in restricted semiparametric regression models. Journal of Multivariate Analysis, 2015, 136, 26-40.	1.0	63
2	Optimal QR-based estimation in partially linear regression models with correlated errors using GCV criterion. Computational Statistics and Data Analysis, 2018, 117, 45-61.	1.2	58
3	Feasible ridge estimator in partially linear models. Journal of Multivariate Analysis, 2013, 116, 35-44.	1.0	47
4	Shrinkage ridge estimators in semiparametric regression models. Journal of Multivariate Analysis, 2015, 136, 56-74.	1.0	41
5	Generalized Cross-Validation for Simultaneous Optimization of Tuning Parameters in Ridge Regression. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 473-485.	1.5	38
6	Ridge regression and its applications in genetic studies. PLoS ONE, 2021, 16, e0245376.	2.5	34
7	Generalized difference-based weighted mixed almost unbiased ridge estimator in partially linear models. Statistical Papers, 2019, 60, 1717-1739.	1.2	30
8	Robust ridge estimator in restricted semiparametric regression models. Journal of Multivariate Analysis, 2016, 147, 127-144.	1.0	28
9	A fuzzy robust regression approach applied to bedload transport data. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 1703-1714.	1.2	28
10	Efficiency of the generalized difference-based Liu estimators in semiparametric regression models with correlated errors. Journal of Statistical Computation and Simulation, 2015, 85, 147-165.	1.2	25
11	Ridge regression methodology in partial linear models with correlated errors. Journal of Statistical Computation and Simulation, 2011, 81, 517-528.	1.2	24
12	Shrinkage ridge regression in partial linear models. Communications in Statistics - Theory and Methods, 2016, 45, 6022-6044.	1.0	19
13	Ridge estimation in semi-parametric regression models under the stochastic restriction and correlated elliptically contoured errors. Journal of Computational and Applied Mathematics, 2020, 378, 112940.	2.0	19
14	A heuristic approach to combat multicollinearity in least trimmed squares regression analysis. Applied Mathematical Modelling, 2018, 57, 105-120.	4.2	18
15	Efficiency of the generalized-difference-based weighted mixed almost unbiased two-parameter estimator in partially linear model. Communications in Statistics - Theory and Methods, 2017, 46, 12259-12280.	1.0	16
16	Least trimmed squares ridge estimation in partially linear regression models. Journal of Statistical Computation and Simulation, 2016, 86, 2766-2780.	1.2	14
17	Extended least trimmed squares estimator in semiparametric regression models with correlated errors. Journal of Statistical Computation and Simulation, 2016, 86, 357-372.	1.2	11
18	Some improved estimation strategies in high-dimensional semiparametric regression models with application to riboflavin production data. Statistical Papers, 2019, 60, 667-686.	1.2	11

#	Article	IF	Citations
19	Semiparametric Ridge Regression Approach in Partially Linear Models. Communications in Statistics Part B: Simulation and Computation, 2010, 39, 449-460.	1.2	10
20	Seemingly Unrelated Ridge Regression in Semiparametric Models. Communications in Statistics - Theory and Methods, 2012, 41, 1364-1386.	1.0	10
21	A revised Cholesky decomposition to combat multicollinearity in multiple regression models. Journal of Statistical Computation and Simulation, 2017, 87, 2298-2308.	1.2	10
22	A new difference-based weighted mixed Liu estimator in partially linear models. Statistics, 2018, 52, 1309-1327.	0.6	10
23	Feasible Ridge Estimator in Seemingly Unrelated Semiparametric Models. Communications in Statistics Part B: Simulation and Computation, 2014, 43, 2593-2613.	1.2	9
24	Two penalized mixed–integer nonlinear programming approaches to tackle multicollinearity and outliers effects in linear regression models. Journal of Industrial and Management Optimization, 2021, 17, 3475.	1.3	9
25	Least-trimmed squares: asymptotic normality of robust estimator in semiparametric regression models. Journal of Statistical Computation and Simulation, 2017, 87, 1130-1147.	1.2	8
26	A class of biased estimators based on QR decomposition. Linear Algebra and Its Applications, 2016, 508, 190-205.	0.9	7
27	Efficiency of the QR class estimator in semiparametric regression models to combat multicollinearity. Journal of Statistical Computation and Simulation, 2018, 88, 1804-1825.	1.2	7
28	Feasible robust estimator in restricted semiparametric regression models based on the LTS approach. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 7332-7350.	1.2	6
29	Shrinkage estimation in system regression model. Computational Statistics, 2015, 30, 359-376.	1.5	5
30	New Ridge Regression Estimator in Semiparametric Regression Models. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 3683-3715.	1.2	5
31	A High-Dimensional Counterpart for the Ridge Estimator in Multicollinear Situations. Mathematics, 2021, 9, 3057.	2.2	5
32	Improved high-dimensional regression models with matrix approximations applied to the comparative case studies with support vector machines. Optimization Methods and Software, 2022, 37, 1912-1929.	2.4	5
33	A note on Stein-type shrinkage estimator in partial linear models. Statistics, 2012, 46, 673-685.	0.6	4
34	Uncertain stochastic ridge estimation in partially linear regression models with elliptically distributed errors. Statistics, 2020, 54, 494-523.	0.6	4
35	A nonlinear mixed–integer programming approach for variable selection in linear regression model. Communications in Statistics Part B: Simulation and Computation, 2023, 52, 5434-5445.	1.2	4
36	Improving the prediction performance of the LASSO by subtracting the additive structural noises. Computational Statistics, 2019, 34, 415-432.	1.5	3

#	Article	IF	Citations
37	Using Improved Robust Estimators to Semiparametric Model with High Dimensional Data. Emerging Topics in Statistics and Biostatistics, 2020, , 269-290.	0.1	2
38	Generalized difference-based weighted mixed almost unbiased liu estimator in semiparametric regression models. Communications in Statistics - Theory and Methods, 2022, 51, 4395-4416.	1.0	1
39	Intuitionistic Fuzzy Partial Logistic Regression Model Using Ridge Methodology. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2020, 28, 527-543.	1.9	1
40	Prediction of chronological age based on Demirjian dental age using robust ridge regression method. Koomesh, 2020, 22, 228-236.	0.1	0