Petr Shpilev

List of Publications by Year
in descending order

22 papers	113 citations	1478505 6 h-index	1372567 10 g-index
22 all docs	22 docs citations	22 times ranked	56 citing authors

#	ARTICLE	IF	CITATIONS
1	T-optimal designs for discrimination between two polynomial models. Annals of Statistics, 2012, 40, .	2.6	25
2	Robust T-optimal discriminating designs. Annals of Statistics, 2013, 41, .	2.6	16
3	T-optimal discriminating designs for Fourier regression models. Computational Statistics and Data Analysis, 2017, 113, 196-206.	1.2	12
4	Optimal designs for trigonometric regression models. Journal of Statistical Planning and Inference, 2011, 141, 1343-1353.	0.6	11
5	Optimal designs for estimating the coefficients of the lower frequencies in trigonometric regression models. Annals of the Institute of Statistical Mathematics, 2007, 59, 655-673.	0.8	10
6	Optimal designs for discriminating between dose-response models in toxicology studies. Bernoulli, 2010, 16, .	1.3	6
7	Excess of locally D-optimal designs and homothetic transformations. Vestnik St Petersburg University: Mathematics, 2017, 50, 329-336.	0.4	6
8	Excess of locally D-optimal designs for Cobb–Douglas model. Statistical Papers, 2018, 59, 1425-1439.	1.2	6
9	On the optimal choice of the number of empirical Fourier coefficients for comparison of regression curves. Statistical Papers, 2015, 56, 981-997.	1.2	4
10	A note on optimal designs for estimating the slope of a polynomial regression. Statistics and Probability Letters, 2021, 170, 108992.	0.7	4
11	Excess and saturated D-optimal designs for the rational model. Statistical Papers, 2021, 62, 1387-1405.	1.2	3
12	Some explicit solutions of c-optimal design problems for polynomial regression with no intercept. Annals of the Institute of Statistical Mathematics, 2021, 73, 61-82.	0.8	3
13	Equivalence theorem for singular L-optimal designs. Vestnik St Petersburg University: Mathematics, 2015, 48, 29-34.	0.4	2
14	Optimal designs for estimating individual coefficients in polynomial regression with no intercept. Statistics and Probability Letters, 2020, 158, 108636.	0.7	2
15	Optimal designs for estimating the derivative in nonlinear regression. Statistica Sinica, 2011, 21, .	0.3	2
16	Constructing c-Optimal Designs for Polynomial Regression without an Intercept. Vestnik St Petersburg University: Mathematics, 2020, 53, 223-231.	0.4	1
17	L-optimal designs in the trigonometric regression model on the full circle. Vestnik St Petersburg University: Mathematics, 2007, 40, 158-168.	0.4	0
18	An algorithm for constructing optimal designs in the trigonometric regression model. Vestnik St Petersburg University: Mathematics, 2007, 40, 321-324.	0.4	0

#	Article	IF	Citations
19	On the Functional Approach to Bayesian Efficient Designs for Nonlinear Regression Models. Communications in Statistics - Theory and Methods, 2012, 41, 2908-2921.	1.0	0
20	Explicit T-optimal Designs for Trigonometric Regression Models. Springer Proceedings in Mathematics and Statistics, 2018, , 329-342.	0.2	0
21	Robust Designs for Discriminating between Trigonometric Regression Models. Vestnik St Petersburg University: Mathematics, 2019, 52, 66-74.	0.4	0
22	L-Optimal Designs for a Trigonometric Fourier Regression Model with no Intercept. Vestnik St Petersburg University: Mathematics, 2022, 55, 48-56.	0.4	0