Rajender Parsad

List of Publications by Year
in descending order

34 papers	305 citations	1163117 8 h-index	940533 16 g-index
35 all docs	35 docs citations	35 times ranked	283 citing authors

#	Article	IF	Citations
1	Studies on novel nanosuperabsorbent composites: Swelling behavior in different environments and effect on water absorption and retention properties of sandy loam soil and soil‐less medium. Journal of Applied Polymer Science, 2011, 120, 1448-1458.	2.6	46
2	Development of Controlled Release Formulations of Carbofuran and Evaluation of Their Efficacy againstMeloidogyne incognita. Journal of Agricultural and Food Chemistry, 2006, 54, 4727-4733.	5.2	43
3	Phenotyping for Nitrogen Use Efficiency: Rice Genotypes Differ in N-Responsive Germination, Oxygen Consumption, Seed Urease Activities, Root Growth, Crop Duration, and Yield at Low N. Frontiers in Plant Science, 2018, 9, 1452.	3.6	32
4	Controlled release formulations of metribuzin: Release kinetics in water and soil. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2010, 45, 330-335.	1.5	28
5	Nitrogen Use Efficiency Phenotype and Associated Genes: Roles of Germination, Flowering, Root/Shoot Length and Biomass. Frontiers in Plant Science, 2020, 11, 587464.	3.6	23
6	Addition of runs to a two-level supersaturated design. Journal of Statistical Planning and Inference, 2010, 140, 2531-2535.	0.6	18
7	A-Efficient block designs for comparing two disjoint sets of treatments. Communications in Statistics - Theory and Methods, 1996, 25, 967-983.	1.0	10
8	Pesticidal seed coats based on azadirachtin-A: release kinetics, storage life and performance. Pest Management Science, 2009, 65, 175-182.	3.4	9
9	Two-Level Supersaturated Designs: A Review. Journal of Statistical Theory and Practice, 2010, 4, 589-608.	0.5	9
10	Efficient Block Designs for Dependent Observations—A Computer-Aided Search. Communications in Statistics - Theory and Methods, 2007, 36, 1187-1223.	1.0	8
11	Balanced treatment incomplete block designs through integer programming. Communications in Statistics - Theory and Methods, 2017, 46, 3728-3737.	1.0	8
12	Weighted A-efficiency of block designs for making treatment—control and treatment—treatment comparisons. Journal of Statistical Planning and Inference, 1999, 77, 301-319.	0.6	7
13	IPPS Sampling Plans Excluding Adjacent Units. Communications in Statistics - Theory and Methods, 2008, 37, 2532-2550.	1.0	7
14	Construction of efficient unbalanced mixed-level supersaturated designs. Statistics and Probability Letters, 2009, 79, 2359-2366.	0.7	6
15	A family of distance balanced sampling plans. Journal of Statistical Planning and Inference, 2009, 139, 860-874.	0.6	6
16	Weighted A-optimal block designs for comparing test treatments with controls with unequal precision. Journal of Statistical Planning and Inference, 2002, 106, 159-175.	0.6	5
17	Computer-Generated Change-Over Designs for Correlated Observations. Communications in Statistics - Theory and Methods, 2012, 41, 3786-3798.	1.0	4
18	Structurally Incomplete Row—Column Designs. Communications in Statistics - Theory and Methods, 2003, 32, 239-261.	1.0	3

#	Article	IF	Citations
19	Computer Aided Construction of Efficient Multi-Level Supersaturated Designs. Journal of Statistical Theory and Practice, 2010, 4, 221-231.	0.5	3
20	Construction of Polygonal Designs Using Linear Integer Programming. Communications in Statistics - Theory and Methods, 2011, 40, 1787-1794.	1.0	3
21	Construction of Efficient Mixed-Level k-Circulant Supersaturated Designs. Journal of Statistical Theory and Practice, 2011, 5, 627-648.	0.5	3
22	Construction of A-optimal balanced treatment incomplete block designs: An algorithmic approach. Communications in Statistics Part B: Simulation and Computation, 2020, 49, 1653-1664.	1.2	3
23	Designs for cropping systems research. Journal of Statistical Planning and Inference, 2007, 137, 1687-1703.	0.6	2
24	Supersaturated Designs for Asymmetrical Factorial Experiments. Journal of Statistical Theory and Practice, 2008, 2, 95-108.	0.5	2
25	Computer Aided Construction of Efficient Designs for Making Treatment-Treatment and Treatment-Control Comparisons. American Journal of Mathematical and Management Sciences, 2009, 29, 201-228.	0.9	2
26	A-optimal completely randomized designs for incomplete factorial structures with three factors. Statistics and Probability Letters, 2018, 137, 343-348.	0.7	2
27	On the construction of nested orthogonal Latin hypercube designs. Metrika, 2020, 83, 347-353.	0.8	2
28	Efficient block designs for incomplete factorial experiments for two factors with unequal block sizes. Communications in Statistics - Theory and Methods, 2021, 50, 2531-2545.	1.0	2
29	Construction of Balanced Bipartite Block Designs with Nested Rows and Columns. Calcutta Statistical Association Bulletin, 1999, 49, 177-186.	0.3	1
30	Robustness of complete diallel crossing plans against exchange of one cross. Journal of Applied Statistics, 2003, 30, 21-35.	1.3	1
31	Orthogonal Latin hypercube designs with special reference to four factors. Statistics and Probability Letters, 2016, 119, 181-185.	0.7	1
32	Block designs for incomplete factorial treatment structures with two factors. Communications in Statistics - Theory and Methods, 2019, 48, 6038-6053.	1.0	1
33	Construction of Efficient Multi-Level k-Circulant Supersaturated Designs. Communications in Statistics - Theory and Methods, 2014, 43, 599-615.	1.0	0
34	Construction of resolvable incomplete block designs for estimating main effects with full efficiency. Communications in Statistics - Theory and Methods, 0, , 1-14.	1.0	0