

# Eldho

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

503  
citations

933447

10  
h-index

713466

21  
g-index

46  
all docs

46  
docs citations

46  
times ranked

490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Run order consideration for sequential third order rotatable designs. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 1068-1081.	1.2	0
2	Bacteria and fungi mediated degradation of poly aromatic hydrocarbons and effect of surfactant Tween-80. International Journal of Environmental Analytical Chemistry, 2024, 104, 27-42.	3.3	7
3	Effect of surfactant on degradation of <i>Aspergillus</i> sp. and <i>Trichoderma</i> sp. mediated crude oil. International Journal of Environmental Analytical Chemistry, 2023, 103, 1667-1680.	3.3	8
4	Theoretical developments in response surface designs: an informative review and further thoughts. Communications in Statistics - Theory and Methods, 2022, 51, 2009-2033.	1.0	5
5	Free and Immobilized Microbial Culture Mediated Crude Oil Degradation and Microbial Diversity Changes Through Taxonomic and Functional Markers in a Sandy Loam Soil. Frontiers in Environmental Science, 2022, 9, .	3.3	6
6	Bio-polysaccharide composites mediated degradation of polyaromatic hydrocarbons in a sandy soil using free and immobilized consortium of <i>Kocuria rosea</i> and <i>Aspergillus sydowii</i> . Environmental Science and Pollution Research, 2022, 29, 80005-80020.	5.3	6
7	Robustness of sequential third-order response surface design to missing observations. Journal of Taibah University for Science, 2022, 16, 270-279.	2.5	1
8	Optimization of the use of cellulolytic enzyme preparation for the extraction of health promoting anthocyanins from black carrot using response surface methodology. LWT - Food Science and Technology, 2022, 163, 113528.	5.2	9
9	Extraction procedure of betalains pigments from hardy beetroot matrix and its stabilization. Journal of Food Processing and Preservation, 2022, 46, .	2.0	4
10	Extraction of ultra-low gossypol protein from cottonseed: Characterization based on antioxidant activity, structural morphology and functional group analysis. LWT - Food Science and Technology, 2021, 140, 110692.	5.2	31
11	Spatio-temporal variability of chlorophyll- <i>a</i> in response to coastal upwelling and mesoscale eddies in the South Eastern Arabian Sea. International Journal of Remote Sensing, 2021, 42, 4836-4863.	2.9	15
12	Status of Indian marine fish stocks: modelling stock biomass dynamics in multigear fisheries. ICES Journal of Marine Science, 2021, 78, 1744-1757.	2.5	6
13	Influence of bilayer coating of salicylic acid and edible wax on chilling injury and functional attributes of guava. Journal of Food Processing and Preservation, 2021, 45, e15601.	2.0	7
14	Bacterial volatile mediated suppression of postharvest anthracnose and quality enhancement in mango. Postharvest Biology and Technology, 2021, 177, 111525.	6.0	16
15	Impact of carboxymethyl cellulose coating functionalized with browning inhibitors for maintaining quality attributes of fresh cut pineapple cubes. Journal of Food Processing and Preservation, 2021, 45, e16053.	2.0	3
16	On the generation of factorial designs with minimum level changes. Communications in Statistics Part B: Simulation and Computation, 2020, , 1-10.	1.2	3
17	First order rotatable designs incorporating differential neighbour effects from experimental units up to distance 2. Metrika, 2020, 83, 923-935.	0.8	2
18	Influence of lipid and polysaccharide based edible coatings on quality of guava fruits during storage. Indian Journal of Horticulture, 2020, 77, 173.	0.1	6

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19	Efficacy of Waste Biomass Based Tablet Formulation for Cockroach Control. <i>Waste and Biomass Valorization</i> , 2019, 10, 933-939.	3.4	0
20	An algorithmic approach to construct D-optimal saturated designs for logistic model. <i>Journal of Statistical Computation and Simulation</i> , 2018, 88, 1191-1199.	1.2	5
21	A note on circular neighbor balanced designs. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2018, 47, 2896-2905.	1.2	3
22	Changes in daily maximum temperature extremes across India over 1951â€“2014 and their relation with cereal crop productivity. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 3067-3081.	4.0	13
23	Improving the shelf life of fresh-cut â€œRoyal Deliciousâ€™ apple with edible coatings and anti-browning agents. <i>Journal of Food Science and Technology</i> , 2018, 55, 3767-3778.	2.8	49
24	Optimal block designs with non additive mixed effects interference. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 12103-12112.	1.0	2
25	On the generation of cost effective response surface designs. <i>Computers and Electronics in Agriculture</i> , 2017, 133, 37-45.	7.7	11
26	Variance-balanced rowâ€“column designs involving diallel crosses incorporating specific combining abilities for comparing test lines with a control line. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 2123-2131.	1.0	0
27	Minimally changed run sequences in factorial experiments. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 7444-7459.	1.0	8
28	Effect of chitosan coating on postharvest life and quality of plum during storage at low temperature. <i>Scientia Horticulturae</i> , 2017, 226, 104-109.	3.6	135
29	Degradation of Kresoxim-Methyl in Water: Impact of Varying pH, Temperature, Light and Atmospheric CO <sub>2</sub> Level. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 130-136.	2.7	8
30	On the construction of designs with three-way blocking. <i>Model Assisted Statistics and Applications</i> , 2015, 10, 43-52.	0.3	0
31	Rotatable Response Surface Designs in the Presence of Differential Neighbour Effects from Adjoining Experimental Units. <i>Calcutta Statistical Association Bulletin</i> , 2015, 67, 163-186.	0.3	3
32	Adsorptionâ€“desorption of tricyclazole: effect of soil types and organic matter. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 61.	2.7	12
33	Web generation of experimental designs balanced for indirect effects of treatments (WEB-DBIE). <i>Computers and Electronics in Agriculture</i> , 2015, 111, 62-68.	7.7	6
34	Exploitation of Nano-Bentonite, Nano-Halloysite and Organically Modified Nano-Montmorillonite as an Adsorbent and Coagulation Aid for the Removal of Multi-Pesticides from Water: A Sorption Modelling Approach. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	22
35	Experimental designs for open pollination in polycross trials. <i>Journal of Applied Statistics</i> , 2015, 42, 2478-2484.	1.3	5
36	Removal of Poly Aromatic Hydrocarbons (PAHs) from Water: Effect of Nano and Modified Nano-clays as a Flocculation Aid and Adsorbent in Coagulation-flocculation Process. <i>Polycyclic Aromatic Compounds</i> , 2014, 34, 452-467.	2.6	23

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37	Neighbor-Balanced Row-column Designs. Communications in Statistics - Theory and Methods, 2014, 43, 1261-1276.	1.0	7
38	Degradation of kresoxim-methyl in soil: Impact of varying moisture, organic matter, soil sterilization, soil type, light and atmospheric CO2 level. Chemosphere, 2014, 111, 209-217.	8.2	40
39	Universally optimal second order neighbour designs. Model Assisted Statistics and Applications, 2013, 8, 309-314.	0.3	4
40	Response surface model with neighbour effects and correlated observations. Model Assisted Statistics and Applications, 2013, 8, 41-49.	0.3	2
41	Row-column designs balanced for non-directional neighbour effects. Model Assisted Statistics and Applications, 2011, 6, 307-316.	0.3	2
42	Blocking Response Surface Designs Incorporating Neighbour Effects. Open Journal of Statistics, 2011, 01, 199-204.	0.7	3
43	On the construction of mixed-level rotatable response surface designs when experimental unit experiences overlap effects. Communications in Statistics Part B: Simulation and Computation, 0, , 1-16.	1.2	0
44	On the construction of trend resistant PBIB designs. Communications in Statistics Part B: Simulation and Computation, 0, , 1-13.	1.2	0
45	Sequential asymmetric third order rotatable designs (SATORDs). Journal of Applied Statistics, 0, , 1-18.	1.3	5