

# 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	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
2	Improving the shelf life of fresh-cut "Royal Delicious"™ apple with edible coatings and anti-browning agents. <i>Journal of Food Science and Technology</i> , 2018, 55, 3767-3778.	2.8	49
3	Degradation of kresoxim-methyl in soil: Impact of varying moisture, organic matter, soil sterilization, soil type, light and atmospheric CO <sub>2</sub> level. <i>Chemosphere</i> , 2014, 111, 209-217.	8.2	40
4	Extraction of ultra-low gossypol protein from cottonseed: Characterization based on antioxidant activity, structural morphology and functional group analysis. <i>LWT - Food Science and Technology</i> , 2021, 140, 110692.	5.2	31
5	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
6	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
7	Bacterial volatile mediated suppression of postharvest anthracnose and quality enhancement in mango. <i>Postharvest Biology and Technology</i> , 2021, 177, 111525.	6.0	16
8	Spatio-temporal variability of chlorophyll- <i>a</i> in response to coastal upwelling and mesoscale eddies in the South Eastern Arabian Sea. <i>International Journal of Remote Sensing</i> , 2021, 42, 4836-4863.	2.9	15
9	Changes in daily maximum temperature extremes across India over 1951–2014 and their relation with cereal crop productivity. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 3067-3081.	4.0	13
10	Adsorption-desorption of tricyclazole: effect of soil types and organic matter. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 61.	2.7	12
11	On the generation of cost effective response surface designs. <i>Computers and Electronics in Agriculture</i> , 2017, 133, 37-45.	7.7	11
12	Optimization of the use of cellulolytic enzyme preparation for the extraction of health promoting anthocyanins from black carrot using response surface methodology. <i>LWT - Food Science and Technology</i> , 2022, 163, 113528.	5.2	9
13	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
14	Minimally changed run sequences in factorial experiments. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 7444-7459.	1.0	8
15	Effect of surfactant on degradation of <i>Aspergillus</i> sp. and <i>Trichoderma</i> sp. mediated crude oil. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1667-1680.	3.3	8
16	Neighbor-Balanced Row-column Designs. <i>Communications in Statistics - Theory and Methods</i> , 2014, 43, 1261-1276.	1.0	7
17	Influence of bilayer coating of salicylic acid and edible wax on chilling injury and functional attributes of guava. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15601.	2.0	7
18	Bacteria and fungi mediated degradation of poly aromatic hydrocarbons and effect of surfactant Tween-80. <i>International Journal of Environmental Analytical Chemistry</i> , 2024, 104, 27-42.	3.3	7

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19	Web generation of experimental designs balanced for indirect effects of treatments (WEB-DBIE). Computers and Electronics in Agriculture, 2015, 111, 62-68.	7.7	6
20	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
21	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
22	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
23	Bio-polysaccharide composites mediated degradation of polyaromatic hydrocarbons in a sandy soil using free and immobilized consortium of Kocuria rosea and Aspergillus sydowii. Environmental Science and Pollution Research, 2022, 29, 80005-80020.	5.3	6
24	Experimental designs for open pollination in polycross trials. Journal of Applied Statistics, 2015, 42, 2478-2484.	1.3	5
25	An algorithmic approach to construct D-optimal saturated designs for logistic model. Journal of Statistical Computation and Simulation, 2018, 88, 1191-1199.	1.2	5
26	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
27	Sequential asymmetric third order rotatable designs (SATORDs). Journal of Applied Statistics, 0, , 1-18.	1.3	5
28	Universally optimal second order neighbour designs. Model Assisted Statistics and Applications, 2013, 8, 309-314.	0.3	4
29	Extraction procedure of betalains pigments from hardy beetroot matrix and its stabilization. Journal of Food Processing and Preservation, 2022, 46, .	2.0	4
30	Rotatable Response Surface Designs in the Presence of Differential Neighbour Effects from Adjoining Experimental Units. Calcutta Statistical Association Bulletin, 2015, 67, 163-186.	0.3	3
31	A note on circular neighbor balanced designs. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 2896-2905.	1.2	3
32	On the generation of factorial designs with minimum level changes. Communications in Statistics Part B: Simulation and Computation, 2020, , 1-10.	1.2	3
33	Blocking Response Surface Designs Incorporating Neigh-bour Effects. Open Journal of Statistics, 2011, 01, 199-204.	0.7	3
34	Impact of carboxymethyl cellulose coating functionalized with browning inhibitors for maintaining quality attributes of fresh pineapple cubes. Journal of Food Processing and Preservation, 2021, 45, e16053.	2.0	3
35	Row-column designs balanced for non-directional neighbour effects. Model Assisted Statistics and Applications, 2011, 6, 307-316.	0.3	2
36	Response surface model with neighbour effects and correlated observations. Model Assisted Statistics and Applications, 2013, 8, 41-49.	0.3	2

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37	Optimal block designs with non additive mixed effects interference. Communications in Statistics - Theory and Methods, 2017, 46, 12103-12112.	1.0	2
38	First order rotatable designs incorporating differential neighbour effects from experimental units up to distance 2. Metrika, 2020, 83, 923-935.	0.8	2
39	Robustness of sequential third-order response surface design to missing observations. Journal of Taibah University for Science, 2022, 16, 270-279.	2.5	1
40	On the construction of designs with three-way blocking. Model Assisted Statistics and Applications, 2015, 10, 43-52.	0.3	0
41	Variance-balanced rowâ€“column designs involving diallel crosses incorporating specific combining abilities for comparing test lines with a control line. Communications in Statistics - Theory and Methods, 2017, 46, 2123-2131.	1.0	0
42	Efficacy of Waste Biomass Based Tablet Formulation for Cockroach Control. Waste and Biomass Valorization, 2019, 10, 933-939.	3.4	0
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	Run order consideration for sequential third order rotatable designs. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 1068-1081.	1.2	0