

Jan Banout

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

764
citations

516710

16
h-index

526287

27
g-index

37
all docs

37
docs citations

37
times ranked

829
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and performance evaluation of a Double-pass solar drier for drying of red chilli (<i>Capsicum</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 118	6.1	118
2	Adoption of sustainable agricultural practices and food security threats: Effects of land tenure in Zambia. <i>Land Use Policy</i> , 2018, 78, 532-538.	5.6	90
3	Current approach to manure management for small-scale Southeast Asian farmers - Using Vietnamese biogas and non-biogas farms as an example. <i>Renewable Energy</i> , 2018, 115, 362-370.	8.9	45
4	Biochar and urease inhibitor mitigate NH ₃ and N ₂ O emissions and improve wheat yield in a urea fertilized alkaline soil. <i>Scientific Reports</i> , 2021, 11, 17413.	3.3	41
5	Addressing problems at small-scale biogas plants: a case study from central Vietnam. <i>Journal of Cleaner Production</i> , 2016, 112, 2784-2792.	9.3	40
6	Biogas Quality across Small-Scale Biogas Plants: A Case of Central Vietnam. <i>Energies</i> , 2018, 11, 1794.	3.1	40
7	Factors Associated with Household Food Security in Zambia. <i>Sustainability</i> , 2019, 11, 2715.	3.2	40
8	Thermal modeling and drying kinetics of bitter melon slices drying in modified greenhouse dryer. <i>Renewable Energy</i> , 2018, 118, 799-813.	8.9	39
9	EFFECT OF SOLAR DRYING ON THE COMPOSITION OF ESSENTIAL OIL OF <i>SACHA CULANTRO</i> (<i>ERYNGIUM FOETIDUM</i> L.) GROWN IN THE PERUVIAN AMAZON. <i>Journal of Food Process Engineering</i> , 2010, 33, 83-103.	2.9	31
10	Ethnobotanical knowledge and agrobiodiversity in subsistence farming: case study of home gardens in Phong My commune, central Vietnam. <i>Genetic Resources and Crop Evolution</i> , 2011, 58, 629-644.	1.6	28
11	The effect of oregano essential oil on microbial load and sensory attributes of dried meat. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 82-87.	3.5	25
12	Evaluation of physical properties of rice used in traditional Kyrgyz Cuisine. <i>Food Science and Nutrition</i> , 2018, 6, 1778-1787.	3.4	21
13	Exploring the potential effect of <i>Achnatherum splendens</i> L.-derived biochar treated with phosphoric acid on bioavailability of cadmium and wheat growth in contaminated soil. <i>Environmental Science and Pollution Research</i> , 2022, 29, 37676-37684.	5.3	21
14	Performance of an improved fallow system in the Peruvian Amazon—modelling approach. <i>Agroforestry Systems</i> , 2007, 72, 27-39.	2.0	20
15	Application of QuEChERS-EMR-Lipid-DLLME method for the determination of polycyclic aromatic hydrocarbons in smoked food of animal origin. <i>Journal of Food Composition and Analysis</i> , 2020, 87, 103420.	3.9	19
16	Development of Solar Drying Model for Selected Cambodian Fish Species. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	2.1	17
17	Using A Double-Pass Solar Drier For Jerky Drying. <i>Energy Procedia</i> , 2012, 30, 738-744.	1.8	13
18	Agent Orange Footprint Still Visible in Rural Areas of Central Vietnam. <i>Journal of Environmental and Public Health</i> , 2014, 2014, 1-10.	0.9	13

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19	Exploring the potential of moringa leaf extract as bio stimulant for improving yield and quality of black cumin oil. <i>Scientific Reports</i> , 2021, 11, 24217.	3.3	13
20	Mathematical Modeling of Thin-Layer Solar Drying of Eland (<i>Taurotragus oryx</i>) Jerky. <i>International Journal of Food Engineering</i> , 2015, 11, 229-242.	1.5	11
21	Recognizing the Basics of Phytochrome-Interacting Factors in Plants for Abiotic Stress Tolerance. <i>Plant Stress</i> , 2022, 3, 100050.	5.5	11
22	Non-timber forest products utilization in Phong Dien Nature Reserve, Vietnam: Who collects, who consumes, who sells?. <i>Bois Et Forets Des Tropiques</i> , 2014, 322, 39.	0.2	10
23	Quantification of the impact of partial replacement of traditional cooking fuels by biogas on global warming: Evidence from Vietnam. <i>Journal of Cleaner Production</i> , 2021, 292, 126007.	9.3	8
24	An extended Canvas business model: A tool for sustainable technology transfer and adoption. <i>Technology in Society</i> , 2022, 68, 101901.	9.4	8
25	Solar Drying Systems. <i>Green Energy and Technology</i> , 2017, , 39-67.	0.6	7
26	Energy Potential of Agri Residual Biomass in Southeast Asia with the Focus on Vietnam. <i>Agronomy</i> , 2021, 11, 169.	3.0	6
27	Influence of traditional Cambodian smoking practices on the concentration of Polycyclic Aromatic Hydrocarbons (PAHs) in smoked fish processed in the Tonle Sap area, Cambodia. <i>Journal of Food Composition and Analysis</i> , 2021, 100, 103902.	3.9	6
28	Polycyclic aromatic hydrocarbons in Cambodian smoked fish. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2017, 10, 1-8.	2.8	5
29	The effects of modified blanching and oregano essential oil on drying kinetics and sensory attributes of dried meat. <i>Journal of Food Processing and Preservation</i> , 2017, 41, e13161.	2.0	3
30	Solar Drying and Sensory Attributes of Eland (<i>Taurotragus oryx</i>) Jerky. <i>Journal of Food Quality</i> , 2018, 2018, 1-10.	2.6	3
31	Economics and perception of small-scale biogas plant benefits installed among peri-urban and rural areas in central Vietnam. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 11959-11971.	4.6	3
32	Can Ecological Farming Systems Positively Affect Household Income from Agriculture? A Case Study of the Suburban Area of Hanoi, Vietnam. <i>Sustainability</i> , 2022, 14, 1466.	3.2	3
33	Clean Foods: The Inhibitory Effect of Five Natural Juices on the Browning of Apple Slices during Drying. <i>Horticulturae</i> , 2017, 3, 19.	2.8	2
34	The Effect of the Application of Thyme Essential Oil on Microbial Load During Meat Drying. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	2
35	PERFORMANCE EVALUATION OF WOOD-BURNING COOKSTOVES IN RURAL AREAS NEAR PUCALLPA, PERU. <i>Environmental Engineering and Management Journal</i> , 2016, 15, 2421-2428.	0.6	1
36	Feasibility analysis of small-scale biogas plants usage in the Syrian coast through agricultural crop residues and co-digestion of manure. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	1