

Frontiers mass retractions, July 2025

Title	Publication	DOI	Url	Date
Achieving Carbon Neutrality – The Role of Heterogeneous Environmental Regulations on Urban Green Innovation	Frontiers in Ecology and Evolution	10.3389/fevo.2022.923354	https://www.frontiersin.org/articles/10.3389/fevo.2022.923354/full	6/9/2022
Assessment of Critical Factors Influencing Consumers' Acceptance of Wearable Sports Devices During COVID-19 Pandemic Conditions	Frontiers in Energy Research	10.3389/fenrg.2022.877260	https://www.frontiersin.org/articles/10.3389/fenrg.2022.877260/full	5/10/2022
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How Government Corruption and Market Segmentation Affect Green Total Factor Energy Efficiency in the Post-COVID-19 Era: Evidence From China	Frontiers in Energy Research	10.3389/fenrg.2022.878065	https://www.frontiersin.org/articles/10.3389/fenrg.2022.878065/full	3/31/2022
The International Spillover Effect of Import Trade on Energy Efficiency in the Post-COVID-19 Era: Evidence From China	Frontiers in Energy Research	10.3389/fenrg.2021.808949	https://www.frontiersin.org/articles/10.3389/fenrg.2021.808949/full	1/28/2022
Financial Consideration of Energy and Environmental Nexus with Energy Poverty: Promoting Financial Development in G7 Economies	Frontiers in Energy Research	10.3389/fenrg.2021.777796	https://www.frontiersin.org/articles/10.3389/fenrg.2021.777796/full	11/29/2021
Households' Perception and Environmentally Friendly Technology Adoption: Implications for Energy Efficiency	Frontiers in Energy Research	10.3389/fenrg.2022.830286	https://www.frontiersin.org/articles/10.3389/fenrg.2022.830286/full	3/3/2022
Green Investment for Sustainable Business Development: The Influence of Policy Instruments on Solar Technology Adoption	Frontiers in Energy Research	10.3389/fenrg.2022.874824	https://www.frontiersin.org/articles/10.3389/fenrg.2022.874824/full	4/28/2022
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Measuring Energy Efficiency Performance in China: Do Technological and Environmental Concerns Matter for Energy Efficiency?	Frontiers in Energy Research	10.3389/fenrg.2021.779032	https://www.frontiersin.org/articles/10.3389/fenrg.2021.779032/full	12/24/2021
Nexus Between Equity Pricing Models and Equity Price Fragility: Empirical Insights From Pakistan	Frontiers in Energy Research	10.3389/fenrg.2022.840182	https://www.frontiersin.org/articles/10.3389/fenrg.2022.840182/full	8/16/2022
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Environmental Benefits From Carbon Tax in the Chinese Carbon Market: A Roadmap to Energy Efficiency in the Post-COVID-19 Era	Frontiers in Energy Research	10.3389/fenrg.2022.832578	https://www.frontiersin.org/articles/10.3389/fenrg.2022.832578/full	3/1/2022
Nexus Between Green Finance, Energy Efficiency, and Carbon Emission: Covid-19 Implications From BRICS Countries	Frontiers in Energy Research	10.3389/fenrg.2021.786659	https://www.frontiersin.org/articles/10.3389/fenrg.2021.786659/full	12/13/2021
Factors Affecting Electric Bike Adoption: Seeking an Energy-Efficient Solution for the Post-COVID Era	Frontiers in Energy Research	10.3389/fenrg.2021.817107	https://www.frontiersin.org/articles/10.3389/fenrg.2021.817107/full	2/11/2022
Energy Security and Energy Poverty in Emerging Economies: A Step Towards Sustainable Energy Efficiency	Frontiers in Energy Research	10.3389/fenrg.2022.834614	https://www.frontiersin.org/articles/10.3389/fenrg.2022.834614/full	3/30/2022
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Sustainable Energy Efficient Human-Centered Digital Solutions for ESG Megacities Development	Frontiers in Energy Research	10.3389/fenrg.2022.938768	https://www.frontiersin.org/articles/10.3389/fenrg.2022.938768/full	7/12/2022
Evaluation of post COVID-19 energy poverty and global trading impact on energy affordability	Frontiers in Energy Research	10.3389/fenrg.2022.971122	https://www.frontiersin.org/articles/10.3389/fenrg.2022.971122/full	9/15/2022
How Does Environmental Regulation Affect Green Innovation? A Perspective From the Heterogeneity in Environmental Regulations and Pollutants	Frontiers in Energy Research	10.3389/fenrg.2022.885525	https://www.frontiersin.org/articles/10.3389/fenrg.2022.885525/full	5/24/2022
Assessing the Impact of the Digital Economy on Green Total Factor Energy Efficiency in the Post-COVID-19 Era	Frontiers in Energy Research	10.3389/fenrg.2021.798922	https://www.frontiersin.org/articles/10.3389/fenrg.2021.798922/full	11/26/2021
Antecedents of Consumer's Purchase Intention Towards Energy-Efficient Home Appliances: An Agenda of Energy Efficiency in the Post COVID-19 Era	Frontiers in Energy Research	10.3389/fenrg.2022.863127	https://www.frontiersin.org/articles/10.3389/fenrg.2022.863127/full	4/4/2022
Revealing the Impacts of Banking Sector Development on Renewable Energy Consumption, Green Growth, and Environmental Quality in China: Does Financial Inclusion Matter?	Frontiers in Energy Research	10.3389/fenrg.2022.940209	https://www.frontiersin.org/articles/10.3389/fenrg.2022.940209/full	8/23/2022
Role of Renewable Energy Consumption and Technological Innovation to Achieve Carbon Neutrality in Spain: Fresh Insights From Wavelet Coherence and Spectral Causality Approaches	Frontiers in Environmental Science	10.3389/fenvs.2021.769067	https://www.frontiersin.org/articles/10.3389/fenvs.2021.769067/full	10/21/2021
Linking Financial Development and Environment in Developed Nation Using Frequency Domain Causality Techniques: The Role of Globalization and Renewable Energy Consumption	Frontiers in Environmental Science	10.3389/fenvs.2022.929093	https://www.frontiersin.org/articles/10.3389/fenvs.2022.929093/full	7/12/2022
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The Nexus Between Fiscal Decentralization and Environmental Sustainability in Japan	Frontiers in Environmental Science	10.3389/fenvs.2022.905461	https://www.frontiersin.org/articles/10.3389/fenvs.2022.905461/full	5/12/2022
Financial Inclusion, Technological Innovations, and Environmental Quality: Analyzing the Role of Green Openness	Frontiers in Environmental Science	10.3389/fenvs.2022.851263	https://www.frontiersin.org/articles/10.3389/fenvs.2022.851263/full	2/16/2022
Financial Risk, Renewable Energy Technology Budgets, and Environmental Sustainability: Is Going Green Possible?	Frontiers in Environmental Science	10.3389/fenvs.2022.909190	https://www.frontiersin.org/articles/10.3389/fenvs.2022.909190/full	5/12/2022
Exchange Rate Dynamics, Energy Consumption, and Sustainable Environment in Pakistan: New Evidence From Nonlinear ARDL Cointegration	Frontiers in Environmental Science	10.3389/fenvs.2021.814666	https://www.frontiersin.org/articles/10.3389/fenvs.2021.814666/full	1/3/2022
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Do Diversified Export, Agriculture, and Cleaner Energy Consumption Induce Atmospheric Pollution in Asia? Application of Method of Moments Quantile Regression	Frontiers in Environmental Science	10.3389/fenvs.2021.781097	https://www.frontiersin.org/articles/10.3389/fenvs.2021.781097/full	10/29/2021
Business Ethics and Irrationality in SME During COVID-19: Does It Impact on Sustainable Business Resilience?	Frontiers in Environmental Science	10.3389/fenvs.2022.870476	https://www.frontiersin.org/articles/10.3389/fenvs.2022.870476/full	3/28/2022
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Energy transition for meeting ecological goals: Do economic stability, technology, and government stability matter?	Frontiers in Environmental Science	10.3389/fenvs.2022.955494	https://www.frontiersin.org/articles/10.3389/fenvs.2022.955494/full	7/15/2022
Impact of environment on hotel customer satisfaction in Southeast Asia: A study of online booking site reviews	Frontiers in Environmental Science	10.3389/fenvs.2022.978070	https://www.frontiersin.org/articles/10.3389/fenvs.2022.978070/full	8/29/2022
A Path Towards Green Revolution: How do Environmental Technologies, Political Risk, and Environmental Taxes Influence Green Energy Consumption?	Frontiers in Environmental Science	10.3389/fenvs.2022.927333	https://www.frontiersin.org/articles/10.3389/fenvs.2022.927333/full	5/27/2022
Testing Environmental Kuznets Curve in the USA: What Role Institutional Quality, Globalization, Energy Consumption, Financial Development, and Remittances can Play? New Evidence From Dynamic ARDL Simulations Approach	Frontiers in Environmental Science	10.3389/fenvs.2021.789715	https://www.frontiersin.org/articles/10.3389/fenvs.2021.789715/full	12/13/2021
The Dynamics of Three Currencies' Bid-Ask Spread From the Perspective of Import-Export Success: Novel Findings for Digital Trade and Sustainable Production	Frontiers in Environmental Science	10.3389/fenvs.2022.900760	https://www.frontiersin.org/articles/10.3389/fenvs.2022.900760/full	5/3/2022
Effects of Forestry on Carbon Emissions in China: Evidence From a Dynamic Spatial Durbin Model	Frontiers in Environmental Science	10.3389/fenvs.2021.760675	https://www.frontiersin.org/articles/10.3389/fenvs.2021.760675/full	10/11/2021
Exploring the Effects of Economic Complexity and the Transition to a Clean Energy Pattern on Ecological Footprint From the Indian Perspective	Frontiers in Environmental Science	10.3389/fenvs.2021.816519	https://www.frontiersin.org/articles/10.3389/fenvs.2021.816519/full	1/12/2022
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The Relationship Between Fiscal Decentralization and China's Low Carbon Environmental Governance Performance: The Malmquist Index, an SBM-DEA and Systematic GMM Approaches	Frontiers in Environmental Science	10.3389/fenvs.2022.945922	https://www.frontiersin.org/articles/10.3389/fenvs.2022.945922/full	6/30/2022
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Comparative Analysis of Trade Liberalization, CO2 Emissions, Energy Consumption and Economic Growth in Southeast Asian and Latin American Regions: A Structural Equation Modeling Approach	Frontiers in Environmental Science	10.3389/fenvs.2022.854590	https://www.frontiersin.org/articles/10.3389/fenvs.2022.854590/full	2/28/2022
Do renewable energy consumption and financial development contribute to environmental quality in MINT nations? Implications for sustainable development	Frontiers in Environmental Science	10.3389/fenvs.2022.1068379	https://www.frontiersin.org/articles/10.3389/fenvs.2022.1068379/full	12/8/2022
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Examining the Relationship Between Product Market Competition and Chinese Firms Performance: The Mediating Impact of Capital Structure and Moderating Influence of Firm Size	Frontiers in Psychology	10.3389/fpsyg.2021.709678	https://www.frontiersin.org/articles/10.3389/fpsyg.2021.709678/full	5/17/2022
Roles of Multiple Entrepreneurial Environments and Individual Risk Propensity in Shaping Employee Entrepreneurship: Empirical Investigation From China	Frontiers in Psychology	10.3389/fpsyg.2022.770879	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.770879/full	2/28/2022
Product Market Competition and Firm Performance: Business Survival Through Innovation and Entrepreneurial Orientation Amid COVID-19 Financial Crisis	Frontiers in Psychology	10.3389/fpsyg.2021.790923	https://www.frontiersin.org/articles/10.3389/fpsyg.2021.790923/full	3/25/2022
How Residents' Attitudes to Tourists and Tourism Affect Their Pro-tourism Behaviours: The Moderating Role of Chinese Traditionality	Frontiers in Psychology	10.3389/fpsyg.2021.792324	https://www.frontiersin.org/articles/10.3389/fpsyg.2021.792324/full	1/21/2022
Community Wellbeing Under China-Pakistan Economic Corridor: Role of Social, Economic, Cultural, and Educational Factors in Improving Residents' Quality of Life	Frontiers in Psychology	10.3389/fpsyg.2021.816592	https://www.frontiersin.org/articles/10.3389/fpsyg.2021.816592/full	3/25/2022
Impact of Abusive Supervision on Psychological Engagement and Absorptive Capacity Among Students: Mediating Role of Knowledge Hiding	Frontiers in Psychology	10.3389/fpsyg.2021.818197	https://www.frontiersin.org/articles/10.3389/fpsyg.2021.818197/full	2/11/2022
Ethical Conflict and Knowledge Hiding in Teams: Moderating Role of Workplace Friendship in Education Sector	Frontiers in Psychology	10.3389/fpsyg.2022.824485	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.824485/full	2/10/2022
Determinants of Social Commerce Usage and Online Impulse Purchase: Implications for Business and Digital Revolution	Frontiers in Psychology	10.3389/fpsyg.2022.837042	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.837042/full	2/15/2022
Post-COVID-19 investor psychology and individual investment decision: A moderating role of information availability	Frontiers in Psychology	10.3389/fpsyg.2022.846088	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.846088/full	9/28/2022
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New Schemes for Investment in of Small and Medium-Sized Enterprises of China: Role of Access to Finance, Innovation, and Sustainability	Frontiers in Psychology	10.3389/fpsyg.2022.857193	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.857193/full	4/26/2022
Adolescents' Algorithmic Resistance to Short Video APP's Recommendation: The Dual Mediating Role of Resistance Willingness and Resistance Intention	Frontiers in Psychology	10.3389/fpsyg.2022.859597	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.859597/full	4/25/2022
Stimulating Brand Innovation Strategy via Knowledge Acquisition, Market Orientation, and Strategic Capability Using Social Media Within China's Online Technology Industry	Frontiers in Psychology	10.3389/fpsyg.2022.860307	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.860307/full	3/14/2022
How Organizations Create Employee Based Brand Equity: Mediating Effects of Employee Empowerment	Frontiers in Psychology	10.3389/fpsyg.2022.862678	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.862678/full	4/27/2022
Modeling COVID-19 Impact on Consumption and Mobility in Europe: A Legacy Toward Sustainable Business Performance	Frontiers in Psychology	10.3389/fpsyg.2022.862854	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.862854/full	5/31/2022
Exploring the Effects of Natural Capital Depletion and Natural Disasters on Happiness and Human Wellbeing: A Study in China	Frontiers in Psychology	10.3389/fpsyg.2022.870623	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.870623/full	5/23/2022
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Analyzing Intention to Purchase Brand Extension via Brand Attribute Associations: The Mediating and Moderating Role of Emotional Consumer-Brand Relationship and Brand Commitment	Frontiers in Psychology	10.3389/fpsyg.2022.884673	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.884673/full	7/15/2022
From Psychology Management Innovation and Education Reform in the Digital Age: Role of Disruptive Technologies	Frontiers in Psychology	10.3389/fpsyg.2022.888383	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.888383/full	5/16/2022
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Analyzing the Role of Corporate Social Responsibility for Sustainable Environmental Performance: Mediating Roles of Environmental Strategy and Environmental Outcomes	Frontiers in Psychology	10.3389/fpsyg.2022.906610	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.906610/full	6/23/2022
Unleashing the mechanism among salesforce control system, salesforce ambidexterity, and emotional exhaustion to enhance the competitive advantage of organizations	Frontiers in Psychology	10.3389/fpsyg.2022.909656	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.909656/full	7/29/2022
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COVID-19 stress and wellbeing: A phenomenological qualitative study of Pakistani Medical Doctors	Frontiers in Psychology	10.3389/fpsyg.2022.920192	https://www.frontiersin.org/articles/10.3389/fpsyg.2022.920192/full	10/12/2022
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