

SCI 文献检索证明

委托单位: 广东工业大学先进制造学院

委托人: 李权俊

检索课题: 1. 委托人发表文献的 SCI-Expanded 收录检索;
2. 所发表期刊的 JCR 影响因子和分区检索, 采用 2023 年数据;
3. 中国科学院文献情报中心期刊分区表检索, 采用 2023 年升级版大类分区数据。

检索工具及年限: 1.SCI-Expanded 1998-2024
2.InCites Journal Citation Reports (JCR) 1997-2023
3.中国科学院文献情报中心期刊分区表升级版 2019-2023

检索结果: 根据委托人提供的文献目录, 经上述数据库及年限范围内的检索, 有 1 篇文献被 SCI-Expanded 收录, 具体如下。

1. 标题: Harnessing the power of AI and IoT for real-time CO2 emission monitoring
作者: Fan, KZ (Fan, Kaizhe); **Li, QJ (Li, Quanjun)**; Le, Z (Le, Zhen); Li, Q (Li, Qian); Li, JF (Li, Jianfeng); Yan, M (Yan, Ming)
来源出版物: HELIYON 卷: 10 期: 17 文献号: e36612 DOI: 10.1016/j.heliyon.2024.e36612
Published Date: 2024 SEP 15
入藏号: WOS:001307707600001
文献类型: Article
地址: [Fan, Kaizhe; Li, Quanjun; Le, Zhen; Li, Jianfeng] Guangdong Univ Technol, Sch Adv Mfg, Jieyang 522000, Peoples R China.
[Li, Qian] Wuyi Univ, Sch Elect & Informat Engn, Jiangmen 529020, Peoples R China.
[Yan, Ming] Southeast Univ China, Nanjing, Peoples R China.
通讯作者地址: Li, JF (通讯作者), Guangdong Univ Technol, Sch Adv Mfg, Jieyang 522000, Peoples R China.

IDS 号: F1T3N

期刊影响因子和 JCR 分区:

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3.4

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五年

JCR 学科类别	类别排序	类别分区
MULTIDISCIPLINARY SCIENCES 其中 SCIE 版本	28/134	Q1

期刊中科院分区: 综合性期刊 3 区。

详情见附件, 特此证明

声明: 本检索证明的检索信息均由委托人提供并由委托人承担真实性责任。

查证人: 杨德标 杨德标
广东工业大学图书馆

检索日期: 2024 年 09 月 18 日

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1 / 1

Harnessing the power of AI and IoT for real-time CO2 emission monitoring

作者 Fan, KZ (Fan, Kaizhe)^[1]; Li, QJ (Li, Qianjun)^[1]; Le, Z (Le, Zhen)^[1]; Li, Q (Li, Qian)^[2]; Li, JF (Li, Jianfeng)^[1]; Yan, M (Yan, Ming)^[3]

来源出版物 HELIYON
卷: 10 期: 17
DOI: 10.1016/j.heliyon.2024.e36612

文献号 e36612

出版时间 SEP 15 2024

已索引 2024-09-14

文献类型 Article

摘要 Global CO2 emissions have been an essential topic of the environmental discussion. Still, empirical data is needed to support arguments that high-quality government actions could reduce these emissions. By analyzing data from 137 nations from 2000 to 2020, we offer strong evidence that state policies focused on promoting healthy ecosystems, sustainable economic growth, and transcendent legislative changes are capable of decreasing CO2 emissions. Based on our findings, there are essentially three critical institutional factors that need to be improved for environmental policies to be efficient: the concept of law, which protects citizens' intellectual property rights; citizens' speech, which allows them to participate in elections and represent themselves freely, and the management of corruption. Policies aimed at promoting economic growth, lowering oil and gas use, enhancing the usage of green energy by the public and private sectors, and enhancing such institutional factors are all necessary components of a climate-friendly financial strategy.

关键词 作者关键词: Economic growth; Environmental management; AI models; CO2 emission
Keywords Plus: POLICY UNCERTAINTY; CLIMATE POLICY; MITIGATION

作者信息 通讯作者地址: Li, Jianfeng (通讯作者)
Guangdong Univ Technol, Sch Adv Mfg, Jieyang 522000, Peoples R China

电子邮件地址:
li.jianfeng@gdut.edu.cn

地址:
1 Guangdong Univ Technol, Sch Adv Mfg, Jieyang 522000, Peoples R China;
2 Wuyi Univ, Sch Elect & Informat Engn, Jiangmen 529020, Peoples R China;
3 Southeast Univ China, Nanjing, Peoples R China;

电子邮件地址:
3121009463@mail2.gdut.edu.cn; 3122008887@mail2.gdut.edu.cn; 3121009470@mail2.gdut.edu.cn;
3222003726@wyu.edu.cn; li.jianfeng@gdut.edu.cn; mingyan@southeast.edu.cn

类别/分类 研究方向: Science & Technology - Other Topics

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基金资助

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基金资助机构

授权号

Special Projects in Key Fields of Colleges and Universities of Guangdong Province (New Generation Information Technology)

2021ZDZX1113

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期刊信息

HELIYON

eISSN 2405-8440

当前出版商 CELL PRESS, 50 HAMPSHIRE ST, FLOOR 5, CAMBRIDGE, MA 02139

研究方向 Science & Technology - Other Topics

Web of Science 类别 Multidisciplinary Sciences

3.4
期刊影响因子™
(2023)

0.81
Journal Citation
Indicator™ (2023)

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- Science Citation Index Expanded (SCI-Expanded)

建议修正

如果您要改进此记录中的数据质量, 请对修正