

Author Impact Report (2023-2026)

Author Impact Summary

Report ID: NEX-AIR-2026-9608F7 • Generated: 2026-04-09 23:26 • Range: 2023 - 2026

Key Indicators

Total Publications

7

Total Citations

102

Citations This Year

28

Organic Citations

99

Self Citations

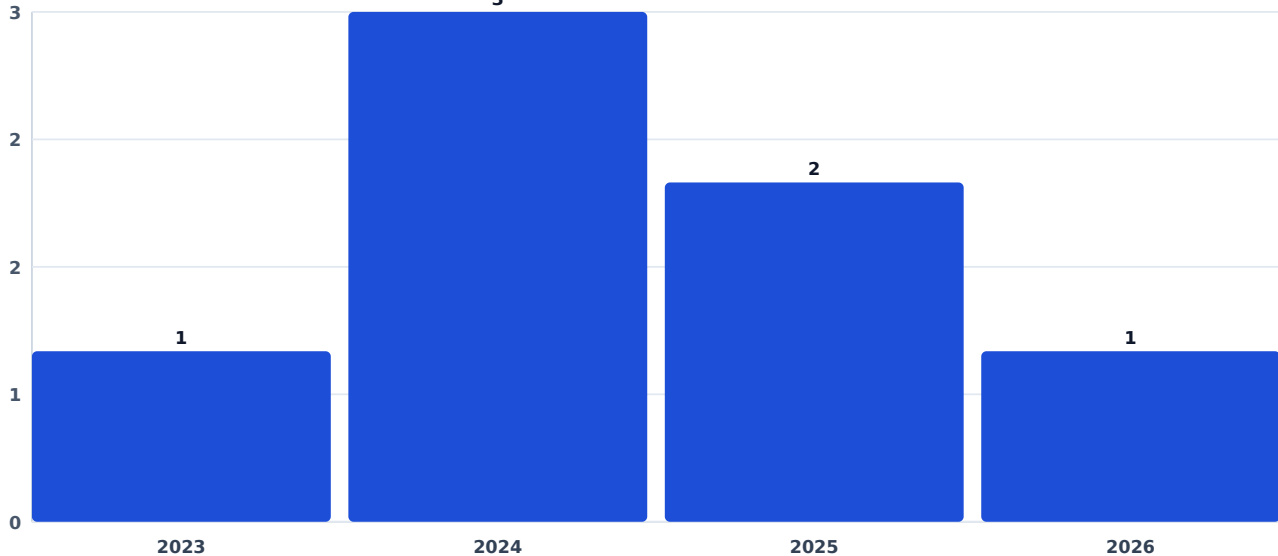
3

H-index / i10-index

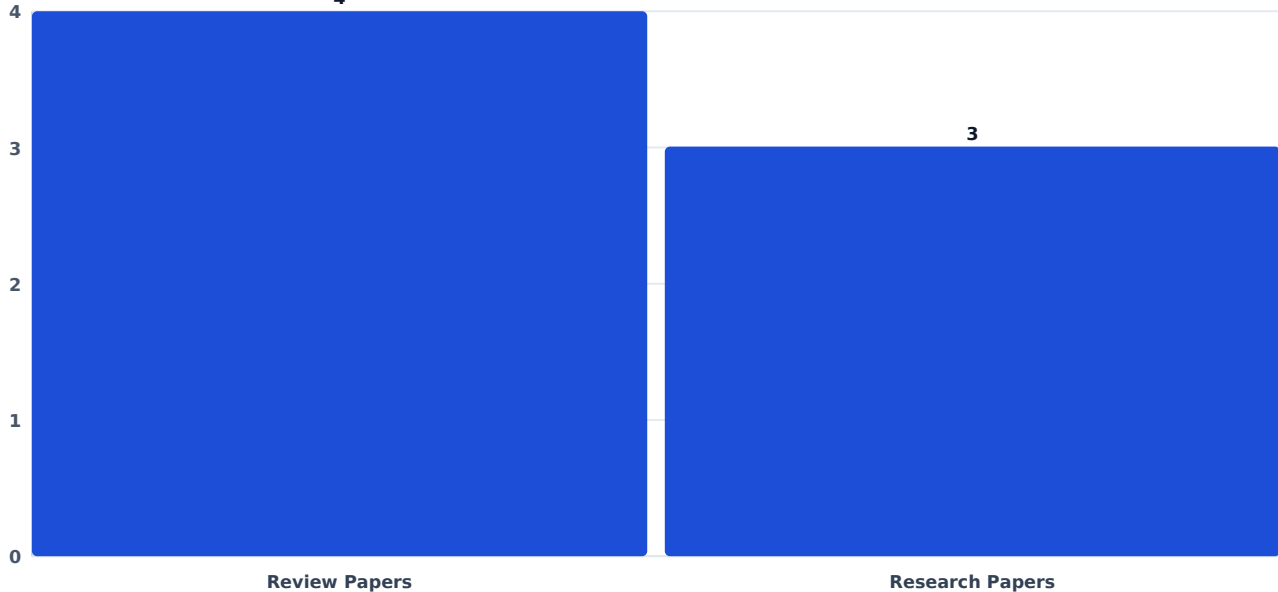
2 / 1

Visual Analytics

Year-wise Publications

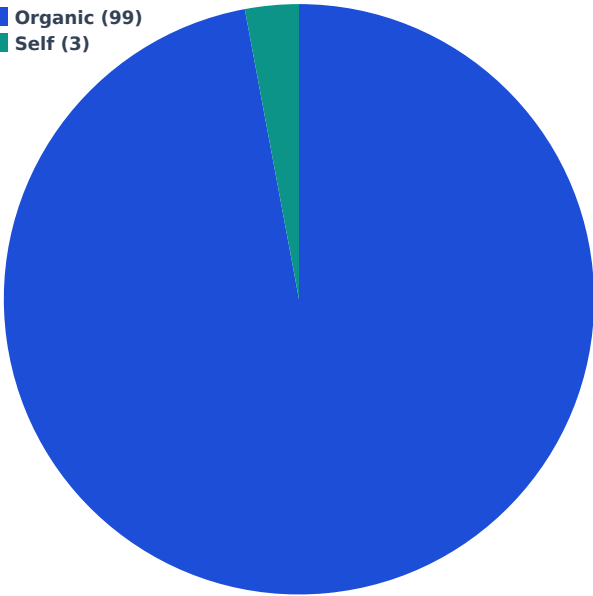


Category-wise Publications



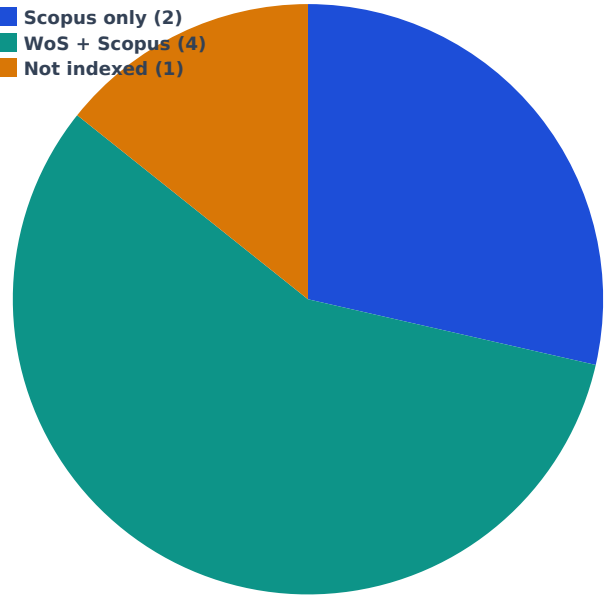
Organic vs Self Citations

- Organic (99)
- Self (3)



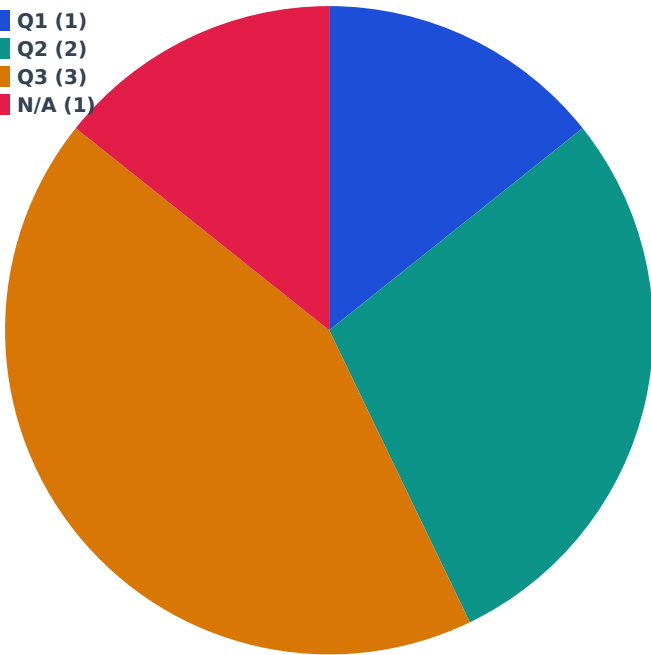
Indexing Share

- Scopus only (2)
- WoS + Scopus (4)
- Not indexed (1)



Scopus Quartiles

- Q1 (1)
- Q2 (2)
- Q3 (3)
- N/A (1)



Publications

Notice: Impact Factor, CiteScore, and indexing information reflect the journal status at the time the respective article was published (as recorded in the system).

#1 — Silicon: A Sustainable Approach to Climate Resilience and Crop Productivity

Journal: Silicon

Year: 2026 • **Published:** 2026-02-10

DOI: 10.1007/s12633-025-03597-w

Details: —

Web of Science

Scopus

Q2

Impact Factor: 3.300

CiteScore: 7.700

Citations: 0

Citations

No citations found.

#2 — Soil Pollution in Urban Environments: Sources, Consequences, Potential Mitigation Strategies and the Importance of Sustainable Urban Development

Journal: Water, Air, & Soil Pollution

Year: 2025 • **Published:** 2025-10-04

DOI: 10.1007/s11270-025-08421-0

Details: Vol. 236 • Issue 14

Web of Science

Scopus

Q2

Impact Factor: 3.000

CiteScore: 4.600

Citations: 2

Citations

1. Francesco Lami; Laura Zavatta; Agata Morelli; Andrea Ciurli; Giovanni Giorgio Bazzocchi; Matteo Vecchi. (2026). Complex interactions between local habitat features, landscape factors and seasonality shape soil microarthropod communities in urban green areas. *Urban Ecosystems*, 29(2). <https://doi.org/10.1007/s11252-026-01949-x>
Year: 2026 Organic
2. Richa Joshi; Jagneet Kour; Raino Bhatia. (2025). Sustainable Practices in Urban Health: Addressing Pollution and Inequality. *Global Trends in Smog and Air Pollution Control*, 145-176. <https://doi.org/10.4018/979-8-3373-2469-2.ch007>
Year: 2025 Organic

#3 — Effects of Soil-Applied Potassium on Potassium Use Efficiency, Leaf Water, and Biochemical Attributes of Cotton Cultivars Under Reduced Irrigation

Journal: Pakistan Journal of Botany

Year: 2025 • **Published:** 2025-07-09

DOI: 10.30848/PJB2025-6(30)

Details: Vol. 57 • Issue 6

Web of Science

Scopus

Q3

Impact Factor: 0.900

CiteScore: 2.100

Citations: 0

Citations

No citations found.

#4 — Risk Assessment of Pesticide Residues in Cauliflower grown in the vicinity of Multan City

Journal: Sarhad Journal of Agriculture

Year: 2024 • **Published:** 2024-10-04

DOI: 10.17582/journal.sja/2024/40.4.1164.1171

Details: Vol. 40 • Issue 4 • Pages 1164-1171

Scopus

Q3

Citations: 0

Citations

No citations found.

#5 — Calcium Carbide Induced Ethylene Regulates Seed Dormancy and Post-Germination Growth of Sweet Pepper

Journal: Pakistan Journal of Agricultural Research

Year: 2024 • **Published:** 2024-08-27

DOI: 10.17582/journal.pjar/2024/37.3.223.231

Details: Vol. 37 • Issue 3 • Pages 223-231

Scopus

Q3

CiteScore: 1.400

Citations: 0

Citations

No citations found.

#6 — Impact of microplastics on soil (physical and chemical) properties, soil biological properties/soil biota, and response of plants to it: a review

Journal: International Journal of Environmental Science and Technology

Year: 2024 • **Published:** 2024-05-26

DOI: 10.1007/s13762-024-05656-y

Details: Vol. 21 • Pages 10277-10318

Web of Science

Scopus

Q1

Impact Factor: 3.000

CiteScore: 6.500

Citations: 93

Citations

1. Shade John Akinsete; Elizabeth Tomiwa Ojebode; Zainab Bukola Olatunji; Oluwatoyin Adeyinka Oduneye. (2026). Microplastic Pollution in Urban Soils: The Hidden Climate Change Agent in Ibadan, Nigeria. *Extreme Climate Events, Loss and Damage in Africa*, 147-167. https://doi.org/10.1007/978-3-032-11678-9_7
Organic
Year: 2026
2. Rohit Chandravanshi; Aradhana Tiwari; Ankesh Tiwari; Rashmi Dubey; Sudhir Kumar Pandey. (2026). Biochar as an adsorbent for microplastics present in aquatic environments: A comparative review between batch and column adsorption. *Journal of Environmental Chemical Engineering*, 14(3), 122530. <https://doi.org/10.1016/j.jece.2026.122530>
Organic
Year: 2026
3. Mohamed Idbella; Rihab Djebaili; Ayoub Idbella; Mohamed Rida Abelouah; Giuseppina Iacomino; Marika Pellegrini; Giuliano Bonanomi. (2026). Impact of microplastics on soil microbiota and phosphorus dynamics - a review. *Emerging Contaminants*, 100663. <https://doi.org/10.1016/j.emcon.2026.100663>
Organic
Year: 2026
4. Guangwei Sun; Ran Wang; Minghui Liu; Rui Wang; Guangjiong Qin; Zhenguo Chen; Chuanzong Li; Yi Liu. (2026). Integrated microbiome-metabolome analysis reveals phytotoxicity of biodegradable and non-biodegradable microplastics in tobacco and biochar-mediated mitigation via particle size modulation. *Industrial Crops and Products*, 244, 123174. <https://doi.org/10.1016/j.indcrop.2026.123174>
Organic
Year: 2026
5. Xin Cao; Zidan Liu; Yadong Xu; Haifeng Zhang; Taiping Zhang; Lei Ouyang. (2026). Effects of microplastics & antibiotics compound pollution on microbial communities and carbon metabolisms of plant-soil system. *Journal of Environmental Chemical Engineering*, 122383. <https://doi.org/10.1016/j.jece.2026.122383>
Organic
Year: 2026
6. HUANG Yu-ping, ZHOU Li-yin, ZHANG Miao-miao, YUAN Ji-hong, GUO Chun-lan, REN Qiong. Effects of Polystyrene Microplastics on the Growth and Physiological Characteristics of *Zizania latifolia*[J]. *WETLAND SCIENCE & MANAGEMENT*, 2026, 22(1): 19-24. doi: 10.3969/j.issn.1673-3290.2026.01.03
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Year: 2026
7. Tamara Meizoso-Regueira; Yingxue Yu; Markus Flury; Matthias C. Rillig. (2026). Critical thresholds in soil physical properties driven by microplastics. *Microplastics and Nanoplastics*. <https://doi.org/10.1186/s43591-026-00188-3>
Organic
Year: 2026

8. Anshul; Archit Kapil; Vansh Gupta; Gayatri Saini; Sandeep Kumar Barwal; Harsh Singh. (2026). Plastic Pollution as a Driver of Aquatic Biodiversity Decline: Mechanisms, Ecological Consequences, and Mitigation Imperatives. *AgroEnvironmental Sustainability*, 4(1), 102-109. <https://doi.org/10.59983/s20260401011>
Year: 2026 **Organic**
9. Zhe-Xi Luan; Jia Ran; Hao-Qin Xiong; Hong Xiang; Xiao-Long Sun. (2026). Polypropylene and Polylactic Acid Microplastics Alter Plateau Wetland Seed Bank Emergence and Community Assembly: A Greenhouse Stress Test Experiment. *Plants*, 15(6), 910. <https://doi.org/10.3390/plants15060910>
Year: 2026 **Organic**
10. Arghya Protik Chowdhury. (2026). A Comprehensive Review on Environmental Migration, Physicochemical Transformations, and Exposure-Related Health Risks of Microplastics. <https://doi.org/10.20944/preprints202603.0921.v1>
Year: 2026 **Organic**
11. Manish Chaudhary; Shivam Tiwari; Rajat Singh Rana; Surindra Suthar. (2026). Microplastic Pollution in Compost from Municipal Composting Facilities in Uttarakhand Himalayan Region, India: Characterization and Ecological Risk Assessment. *Environmental Research*, 124259. <https://doi.org/10.1016/j.envres.2026.124259>
Year: 2026 **Organic**
12. Ignazio Allegretta; Concetta Eliana Gattullo; Mohammad Yaghoubi Khanghahi; Carlo Porfido; Fani Sakellariadou; Carmine Crecchio; Matteo Spagnuolo; Roberto Terzano. (2026). Microplastics as Source or Sink of Potentially Toxic Elements: Dynamics in the Soil-Plant System. <https://doi.org/10.20944/preprints202602.1393.v1>
Year: 2026 **Organic**
13. Zirong Kong; Meilin Zhang; Yingying Jiang; Kerong Fan; Yulong Li; Qiao Guo; Hangxian Lai. (2026). Assessing soil biological indicators across a fertility gradient in agricultural areas of Shaanxi Province, China. *Plant and Soil*. <https://doi.org/10.1007/s11104-026-08409-7>
Year: 2026 **Organic**
14. Špela Železnikar; Nina Kacjan Maršič. (2026). Plastika v kmetijstvu: uporaba in vplivi ostankov plastike na tla ter zelenjadarske pridelovalne sisteme. *Acta Biologica Slovenica*, 69(2). <https://doi.org/10.14720/abs.69.2.25804>
Year: 2026 **Organic**
15. Munawar Hussain; Wajiha Sarfraz; Chengrong Chen; Rahat Shabir; Ghulam Abbas; Mehran Rezaei Rashti. (2026). From waste to resource: unveiling the nexus between compost, microplastics, and agroecosystem. *Journal of Hazardous Materials Advances*, 21, 101033. <https://doi.org/10.1016/j.hazadv.2026.101033>
Year: 2026 **Organic**

16. Shanshan Zhao; Lan Li; Jianing Sun; Jingyu Hu; Wu Liu; Xin Cheng; Dan Zhou; Bo Cheng. (2026). Soil bacterial community and vanadium fate shaped by co-exposure to polyethylene microplastics and native vanadium pollution. *Applied Soil Ecology*, 219, 106807. <https://doi.org/10.1016/j.apsoil.2026.106807>
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17. Xianliang Wu; Jinfa Chen; Yaoyue Su; Zhenming Zhang; Jun Wang. (2026). A systematic review of the soil C, N, and P cycles mediated by microplastics: Enzyme activities, greenhouse gas emissions and plant growth. *Resources, Conservation and Recycling*, 228, 108788. <https://doi.org/10.1016/j.resconrec.2026.108788>
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18. Špela Železnikar; Andraž Dolar; Tjaša Danevčič; Marina Pintar; Damjana Drobne. (2026). Direct and indirect effects of microplastics from agricultural mulch films on terrestrial isopods *Porcellionides pruinosus* (Crustacea, Isopoda): A comparative exposure study. *Ecotoxicology and Environmental Safety*, 309, 119741. <https://doi.org/10.1016/j.ecoenv.2026.119741>
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19. Aditi Biswas; Partha Chandra Debnath; Khandakar Rashedul Islam; MD Jahid Hasan; Sarajit Sarker; Sk Mahmudul Hasan Asif; Md Abu Rayhan; Md Simoon Nice; Monishanker Halder; Tapos Kumar Chakraborty; Samina Zaman; Gopal Chandra Ghosh. (2026). Source tracking, pollution load, and risk assessment of microplastics pollution in agricultural soils of Bangladesh using machine learning and multi-matrix approaches. *Environmental Pollution*, 392, 127669. <https://doi.org/10.1016/j.envpol.2026.127669>
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20. Priyanka Singh; Murugesh Shivashankar. (2026). Unveiling the soil-altering synergy: The dynamic interplay between microplastics and extracellular polymeric substances (EPS) in agricultural landscapes. *Chemical Engineering Journal Advances*, 25, 101042. <https://doi.org/10.1016/j.cej.2026.101042>
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21. Garima Kaushik; P. Manuraj; Mohd Ashraf Dar; Preksha Palsania; Shalni Satya; Ommer Ahad Bhat; Shailesh Kumar Patidar. (2026). Microplastic exposure and its impact on the growth and physiological functions of *Cicer arietinum*. *Biocatalysis and Agricultural Biotechnology*, 72, 103920. <https://doi.org/10.1016/j.bcab.2026.103920>
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22. Iqra Binti Ayoub; Shoukat Ara; Suhail A. Lone. (2026). Deciphering the impact of microplastics (MPs) on Himalayan agricultural soils: Current knowledge and future perspectives. *Journal of Hazardous Materials Advances*, 21, 100991. <https://doi.org/10.1016/j.hazadv.2025.100991>
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23. Nafisa Rumman Safa; Syeda Ayshia Akter; Joyenta Das; Fahmida Sultana. (2026). Risk assessment and influence of microplastics on mangrove forest soil: Sandwip Island, Chittagong, Bangladesh. *Environmental Science and Pollution Research*. <https://doi.org/10.1007/s11356-026-37520-6>
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- Year:** 2026
24. Dong Ki Hwang; Jeyoung Park; Dongyeop X. Oh; Hyeonyeol Jeon; Jun Mo Koo. (2026). Assessing the Role of Compostable Plastics in Circular Economy Transition. *ChemSusChem*, 19(1). <https://doi.org/10.1002/cssc.202501938>
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- Year:** 2026
25. Weijie Jin; Yubao Zhang; Yan Li; Ruidong Li; Xuesi Su; Sailing Jing; Ruoyu Wang; Yang Qiu; Xiaofan Xie; Zhihong Guo; Xia Zhao. (2026). Polyethylene microplastics induce microbial functional reprogramming via rhizosphere network disruption, accelerating soil decline. *Journal of Environmental Management*, 397, 128236. <https://doi.org/10.1016/j.jenvman.2025.128236>
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- Year:** 2026
26. Ying Qin; Zhipu Wang; Fei Yang; Dean Wang; Wei Liu; Daoren Hanikai; Jian Liu; Jiabin Zhou; Dan Liu. (2026). Research progress on pyrolysis and resource utilisation of waste plastics: Methods, mechanisms, influencing factors, and future prospects. *Journal of Analytical and Applied Pyrolysis*, 193, 107459. <https://doi.org/10.1016/j.jaap.2025.107459>
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- Year:** 2026
27. Saif Uddin; Nazima Habibi; Montaha Behbehani. (2026). Microplastics in Soil: Inventories, Effect and Environmental Risks. *Sustainability Sciences in Asia and Africa*, 1-28. https://doi.org/10.1007/978-981-95-2740-3_1
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28. Farooq, Z. B., Noor, M., Ahmed, K., Jan, P., Arain, Z., & Noman. (2025). Soil Biota: The Living Engine of Soil Health, 4(7). <https://biologicaltimes.com/published-articles-details/?id=1484>
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- Year:** 2025
29. Nikola Kilibarda; Andjela Djordjevic. (2025). THE GROWING PROBLEM OF SOIL POLLUTION WITH MICROPLASTICS: A REVIEW. *IRASA International Scientific Conference SCIENCE, EDUCATION, TECHNOLOGY AND INNOVATION SETI VII 2025*, 369-377. <https://doi.org/10.62982/seti07.niki.35>
- Organic**
- Year:** 2025
30. Ji Hengying, Yang Mingyao, Li Pan. Impact of varying particle sizes of cotton stalk biochar on water and solute movement in soil contaminated with polyethylene microplastics. *Journal of Agro=Environment Science* 2025,44(11):2946-2955. DOI: 10.11654/jaes.2024-1046
- Organic**
- Year:** 2025

31. Aaron Ohene Boanor; Rose Nimoh Serwaa; Jin Hee Park; Jwakyung Sung. (2025). Impacts of Micro/Nanoplastics on Crop Physiology and Soil Ecosystems: A Review. *Soil Systems*, 10(1), 2. <https://doi.org/10.3390/soilsystems10010002>
- Organic
- Year: 2025
32. Kun Li; Weiyi Li; Yonghong Peng; Zhangle Chen; Zidong Ye. (2025). UV-Aged microplastic agricultural ecological risk: Mechanisms of tire wear particles affecting wheat growth and soil health through concentration-aging interactions. *Journal of Environmental Chemical Engineering*, 13(6), 120427. <https://doi.org/10.1016/j.jece.2025.120427>
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33. Zirong Kong; Meilin Zhang; Yingying Jiang; Kerong Fan; Yulong Li; Qiao Guo; Hangxian Lai. (2025). Assessing soil biological properties as quality indicators across a fertility gradient in agricultural areas of Shaanxi Province, China. <https://doi.org/10.21203/rs.3.rs-8003942/v1>
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34. Chengbo Lu; Haiyang Dong; Hong Li; Xinjie Huang; Yankun Du; Ziyao Ren; Zhiqiang Xu; Bing Li; Lusheng Zhu; Jinhua Wang; Jun Wang. (2025). Toxicity comparison of multiple biodegradable and conventional microplastics on earthworms: Ingestion, tissue damage, oxidative stress, and transcriptional responses. *Ecotoxicology and Environmental Safety*, 307, 119415. <https://doi.org/10.1016/j.ecoenv.2025.119415>
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- Year: 2025
35. Ilaria Savino; Claudia Campanale; Paola Grenni; Cristina Cavone; Francesca Garganese; Anna Barra Caracciolo; Vito Felice Uricchio; Valeria Ancona. (2025). Effects of micro and nanoplastics on plant-assisted bioremediation for contaminated soil recovery: A review. *Science of The Total Environment*, 1007, 180905. <https://doi.org/10.1016/j.scitotenv.2025.180905>
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36. Aayusha Upreti; Roshan Babu Ojha; Susma Giri; Basant Giri. (2025). Impact of Plastic Mulching on Microplastic Contamination in Mountainous Agricultural Soils. *Journal of Sustainable Agriculture and Environment*, 4(4). <https://doi.org/10.1002/sae2.70109>
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37. Weber, C. J., & Bigalke, M. (2025). Bodenkontamination durch Mikroplastik. *Geographische Rundschau*, 2025(11), 22-27. https://elibrary.utb.de/doi/abs/10.5555/51251100_04
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38. Angelica Barone; Giorgio Impollonia; Michele Croci; Stefano Amaducci. (2025). Microplastics contamination on spinach (*Spinacia oleracea*): influence of plastic polymers, growing media, and copper co-exposure. *Next Research*, 2(4),

101018. <https://doi.org/10.1016/j.nexres.2025.101018>

Organic

Year: 2025

39. Wenxuan Lv; Yixue Bai; Dongyang Zhu; Changzheng He; Fengjiao Bu; Yusong Luo; Ping Zhao; Yanhong Qiu; Zunzheng Wei; Jie Zhang; Shaogui Guo; Yongtao Yu; Jingfang Wang; Yi Ren; Guoyi Gong; Haiying Zhang; Yong Xu; Guang Liu; Sihui Dai; Maoying Li. (2025). Innovative Application of Nanomaterials in Vegetable Cultivation: Recent Advances in Growth Promotion and Stress Tolerance. *Nanomaterials*, 15(21), 1659. <https://doi.org/10.3390/nano15211659>

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Year: 2025

40. Zhifeng Jia; Linhui Zhang; Yanhua Wang; Jialu Pang; Jia Chen; Tianhao Zhang; Wei Wei. (2025). Occurrence characteristics, source analysis, and risk assessment of microplastics in agricultural soils: A case study on Shihezi Reclamation Area, Xinjiang, China. *Science of The Total Environment*, 1004, 180768. <https://doi.org/10.1016/j.scitotenv.2025.180768>

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Year: 2025

41. Tumwet, F. C. (2025). Transport and Fate of Microplastics in Terrestrial Environments [PhD Dissertation, Technischen Universität Bergakademie Freiberggenehmigte]. <https://tubaf.qucosa.de/api/qucosa%3A99581/attachment/ATT-0/>

Organic

Year: 2025

42. Paul Boisseaux; Marie Laure Delignette-Muller; Tamara Galloway. (2025). A Quantitative Environmental Risk Assessment for Microplastics in Sewage Sludge Applied to Land. *Environmental Science & Technology*, 59(49), 26526-26538. <https://doi.org/10.1021/acs.est.5c08026>

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43. Ria Mukhopadhyay; Koushik Biswas; Sourav Roy; Parijat De. (2025). Breaking down microplastics: insights into the role of actinomycetes in biotic degradation pathways. *Archives of Microbiology*, 207(12). <https://doi.org/10.1007/s00203-025-04528-4>

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Year: 2025

44. Solange Magalhães; Luís Alves; Bruno Medronho; Ida Svanedal; Magnus Norgren; Maria Graça Rasteiro. (2025). Innovative Approaches to Mitigating Microplastic Pollution in Effluents and Soils. *Sustainability*, 17(20), 9014. <https://doi.org/10.3390/su17209014>

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45. Thurin, R. (2025). Woodland establishment costs in England: a review. The Research Agency of the Forestry Commission. https://cdn.forestresearch.gov.uk/2024/05/Woodland_Establishment_Costs_Report.pdf#page=3.18

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Year: 2025

46. O. O. Mytsyk; S. M. Shevchenko; O. O. Havriushenko; Y. I. Tklich; O. M. Shevchenko. (2025). Integrated bioremediation and reclamation strategies for militarily damaged agricultural soils. *Agrology*, 8(3), 153-167. <https://doi.org/10.32819/202519>
Year: 2025 **Organic**
47. Lorenz F. Dettmann; Oliver Kühn; Ashour A. Ahmed. (2025). Coarse-grained simulations of sulfanilamide and hexachlorobenzene mobility in soil organic matter. *Environmental Science: Advances*, 4(12), 2079-2090. <https://doi.org/10.1039/d5va00237k>
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48. James Joseph Mwesiga; Dativa Joseph Shilla; Daniel Abel Shilla. (2025). Microplastics in irrigation water and vegetable garden soils adjacent to the Msimbazi river, Tanzania. *Discover Applied Sciences*, 7(10). <https://doi.org/10.1007/s42452-025-07742-3>
Year: 2025 **Organic**
49. Hongzhi Ma; Tao Yu; Weihong Chen; Baochuan Qi; Dan Feng; Dayi Qian; Jian Yang. (2025). Fate and Impacts of Microplastics in Sludge Anaerobic Digestion: Effects on Methanogenic and Acidogenic Pathways. *ChemistrySelect*, 10(37). <https://doi.org/10.1002/slct.202503290>
Year: 2025 **Organic**
50. Dorota Wieczorek; Paulina Pipiak; Dorota Gendaszewska; Katarzyna Ławińska. (2025). Microplastic Recovery and Conversion Pathways: The Most Recent Advancements in Technologies for the Generation of Renewable Energy. *Energies*, 18(18), 4949. <https://doi.org/10.3390/en18184949>
Year: 2025 **Organic**
51. Aolei Du; Yanjun Li; Qiying Jian; Kai Zhang; Yutang Luo; Jun Yan; Peixin Du; Deborah M. Power; Ying Li; Yibing Ma. (2025). Multidimensional characterization of microplastic pollution in subtropical urban soils: Combining geospatial analysis and polymer risk indexing. *Journal of Hazardous Materials*, 498, 139898. <https://doi.org/10.1016/j.jhazmat.2025.139898>
Year: 2025 **Organic**
52. Laura Hernández-Sánchez; Vianii Cruz-López; Rosario Herrera-Rivera; Francisco Solis-Pomar; José Navarro-Antonio; Heriberto Cruz-Martínez. (2025). Impacts of Microplastics and Nanoplastics on Tomato Crops: A Critical Review. *Environments*, 12(9), 328. <https://doi.org/10.3390/environments12090328>
Year: 2025 **Organic**

53. Xingyu Zhong; Liyuan Qiang; Jinping Cheng; Zhihang Sun; Huibing Hu; Han Liu; Ruoyu Zhang. (2025). Aging or degradation? Transformation mechanisms of microplastics in soil environments. *Applied Soil Ecology*, 215, 106394. <https://doi.org/10.1016/j.apsoil.2025.106394>
- Organic
- Year: 2025
54. Ruoja Li; Kendall Wontor; Boluwatife S. Olubusoye; J. Stephen Brewer; James V. Cizdziel. (2025). Direct μ -FTIR analysis of microplastics deposited on silicon in indoor air environments. *npj Emerging Contaminants*, 1(1). <https://doi.org/10.1038/s44454-025-00009-x>
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55. Yoonjung Seo; Yunru Lai; Guangnan Chen; John Dearnaley; Li Li; Pingan Song. (2025). Size and concentration-dependent effects of polyethylene microplastics on soil chemistry in a microcosm study. *Journal of Hazardous Materials*, 497, 139668. <https://doi.org/10.1016/j.jhazmat.2025.139668>
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56. Ramzi H. Amran; Fotoon Sayegh; Sathianeson Satheesh. (2025). Socioeconomic Impacts of Microplastics Pollution in the Marine Environment. *Marine Microplastics and the Quest for Remediation*, 173-196. https://doi.org/10.1007/978-981-96-8979-8_7
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57. Kelsey Smyth; Léo Dourneau; Damien Tedoldi; Bruno Tassin; Mikaël Kedzierski; Rachid Dris. (2025). Soil contamination by microplastics in a small French agricultural watershed. *Environmental Pollution*, 387, 127316. <https://doi.org/10.1016/j.envpol.2025.127316>
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58. Zhenxiu Liu; Yali Liu; Zifang Zhou; Yangbeijia Liu; Fuman Cai; Ziqiang Liu; Jianwu Wang. (2025). Polyethylene microplastics reduce microbe-driven multifunctionality in maize-soybean intercropping ecosystem. *Journal of Hazardous Materials*, 496, 139491. <https://doi.org/10.1016/j.jhazmat.2025.139491>
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59. Yan Qin; Xiaohui Tian; Ji Zhang; Yangping Tu; Congcong Chen. (2025). Combined toxicity and ecological impacts of soil microplastics and heavy metals in rhizosphere microenvironments: a comprehensive review. *Journal of Soils and Sediments*, 25(9), 2551-2570. <https://doi.org/10.1007/s11368-025-04102-x>
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#7 — Factors Affecting Nitrogen Use Efficiency (NUE): Meta Analysis

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