

VINCENZO TORRETTA

IMPATTO DELLA PRODUZIONE SCIENTIFICA: INDICATORI BIBLIOMETRICI, COMPRESO ASN

Indicatori bibliometrici, compreso ASN:

- **Impact Factor complessivo = circa 620** (attualizzato ai valori riferiti all'anno 2021); **circa 415** con riferimento ai valori relativi all'anno di pubblicazione)
- **Numero prodotti ultimi 10 anni (banca dati SCOPUS) = 198**, superiore rispetto alle soglie ASN-ANVUR:
 - soglia Commissario ASN di cui al D.M. 589 del 08 agosto 2018 – tabella n 3, S.C. 08/A2: **23**
- **Numero citazioni ultimi 15 anni (banca dati SCOPUS) = 4733** (valore medio riferito a tutte le **211** pubblicazioni presenti in banca dati **22.43**, con una punta di **742**), superiore rispetto alle soglie ASN-ANVUR:
 - soglia Commissario ASN di cui al D.M. 589 del 08 agosto 2018 – tabella n 3, S.C. 08/A2: **457**
- **Hindex 15 anni (banca dati SCOPUS) = 37**, superiore rispetto alle soglie ASN-ANVUR:
 - soglia Commissario ASN di cui al D.M. 589 del 08 agosto 2018 – tabella n 3, S.C. 08/A2: **13**

Le oltre **330 pubblicazioni** sono disponibili sul sito Cineca-MIUR (<http://alessandria.cineca.it/index.php/home/cerca?class=&ordine=class&submitButtonName=PROCEDI>).

VISIBILITÀ INTERNAZIONALE DELLA RICERCA

Facendo un'indagine utilizzando come campi di ricerca "title, abstract, keywords" – banca dati SCOPUS, sono risultate le seguenti posizioni a livello mondiale nei vari ambiti tematici (aggiornato alla data del 2 ottobre 2019):

- "sustainability" and "waste": 4° (su 14844 documenti considerati)
- "selective collection": 7° (su 427 documenti considerati)
- "circular economy" and "waste": 14° (su 2123 documenti considerati)
- "waste treatment": 27° (su 40685 documenti considerati)
- "biotrickling filter": 28° (su 841 documenti considerati)
- "waste management": 35° (su 79563 documenti considerati)
- "municipal solid waste": 56° (su 20938 documenti considerati)

PUBBLICAZIONI INDICIZZATE NEI DATA BASE WoS/SCOPUS NEGLI ULTIMI 10 ANNI

n.	Prodotto	Impact Factor (attualizzato al 2021)*
1	Baltrocchi A.P.D., Ferronato N., Calle Mendoza I.J., Gorrity Portillo M.A., Romagnoli F., Torretta V. (2023). Socio-economic analysis of waste-based briquettes production and consumption in Bolivia. Sustainable Production and Consumption, 37, 191-201, doi: 10.1016/j.spc.2023.03.004.	8.921
2	Ferronato N., Baltrocchi A.P.D., Romagnoli F. Calle Mendoza I.J., Gorrity Portillo M.A., Torretta V. (2023). Environmental Life Cycle Assessment of biomass and cardboard waste-based briquettes production and consumption in Andean areas. Energy for Sustainable Development, 72, 139-150, doi: 10.1016/j.esd.2022.12.005.	5.655
3	Boiocchi R., Ragazzi M., Torretta V., Rada E.C. (2023). Critical analysis of the GreenMetric World University	3.889

Ranking system: the issue of comparability. *Sustainability*, 15(2), 2023, art. n.1343, 1-16, doi: 10.3390/su15021343.

- 4 Tolkou A., Rada E.C., Torretta V., Xanthopoulou M., Kyzas G., Katsoyiannis I. (2023). Removal of Arsenic (III) from water with a combination of Graphene Oxide (GO) and Granular Ferric Hydroxide (GFH) at the optimum molecular ratio. *C Journal of Carbon Research*, 9(1), art. n. 10, 1-11, doi: 10.3390/c9010010. -
- 5 Orlando M., Molla G., Castellani P., Pirillo V., Torretta V., Ferronato N. (2023). Microbial enzyme biotechnology to reach plastic waste circularity: current status, problems and perspectives. *International Journal of Molecular Sciences*, 24(4), art. n. 3877, 1-36, doi: 10.3390/ijms24043877. 6.208
- 6 Castellani P., Ferronato N., Ragazzi M., Torretta V. (2023). Organic waste valorization in remote islands: Analysis of economic and environmental benefits of onsite treatment options. *Waste Management and Research*, 41(4), 881-893, doi: 10.1177/0734242X221126426. 4.432
- 7 Ferronato N., Moresco L., Guisbert Lizarazu G.E., Gorrity Portillo M.A., Conti F., Torretta V. (2023). Comparison of environmental impacts related to municipal solid waste and construction and demolition waste management and recycling in a Latin American developing city. *Environmental Science and Pollution Research*, 30(4), 8548-8562, doi: 10.1007/s11356-021-16968-8. 5.190
- 8 Ferronato N., Fuentes Sirpa R.C., Guisbert Lizarazu G.E., Conti F., Torretta V. (2023). Construction and demolition waste recycling in developing cities: management and cost analysis. *Environmental Science and Pollution Research*, 30(9), 24377–24397, doi: 10.1007/s11356-022-23502-x. 5.190
- 9 Ferronato N., Guisbert Lizarazu E.G., Valencia Vargas D.J., Pasinetti R., Torretta V. (2022). Investigation on the solid waste recyclers' perspective in La Paz, Bolivia. *Habitat International*, 123, art. n. 102542, 1-12, doi: 10.1016/j.habitatint.2022.102542. 5.205
- 10 Castellani P., Ferronato N., Torretta V. (2022). Setting priorities to achieve Sustainable Development Goals through appropriate waste management systems in Uganda. *Environmental Development*, 44, art. n. 100764, 1-20, doi: 10.1016/j.envdev.2022.100764. 4.690
- 11 Ferronato N., Calle Mendoza I.J., Ruiz Mayta J.G., Gorrity Portillo M.A., Conti F., Torretta V. (2022). Biomass and cardboard waste-based briquettes for heating and cooking: Thermal efficiency and emissions analysis. *Journal of Cleaner Production*, 375, art. n. 134111, 1-14, doi: 10.1016/j.jclepro.2022.134111. 11.072
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- 13 Ferronato N., Calle Mendoza I.J., Gorrity Portillo M.A., Conti F., Torretta V. (2022). Are waste-based briquettes alternative fuels in developing countries? A critical review. *Energy for Sustainable Development*, 68, 220–241, doi: 10.1016/j.esd.2022.03.013. 5.655
- 14 Collivignarelli M.C., Todeschini S., Abbà A., Ricciardi P., Carnevale Miino M., Torretta V., Rada E.C., Conti F., Cillari G., Calatroni S., Lumia G., Bertanza G. (2022). The performance evaluation of wastewater service: A protocol based on performance indicators applied to sewer systems and wastewater treatment plants. *Environmental Technology*, 43(22), 3426 – 3443, doi: 10.1080/09593330.2021.1922509. 3.475
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Nota*: Impact Factor attualizzato all'ultimo anno disponibile, ovvero il 2021.

Nota**: prodotto inserito solo nella banca dati WOS.

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