ESTADO DEL ARTE SCOPUS

Objetivo de desarrollo sostenible – Producción y consumo responsable

Dirección de Investigación e Innovación – Sede principal
Centro de Recursos para el Aprendizaje y la Investigación CRAI-
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Observatorio de cienciometría USTA

RESUMEN

Este informe muestra el estado actual y las tendencias de las publicaciones Scopus relacionadas con el tema “Objetivo de desarrollo sostenible – Producción y consumo responsable”. Se presenta las cifras de las publicaciones, citas, colaboraciones y tendencias entre otros. Este es un insumo para la comunidad académica USTA cuyo objetivo es identificar tendencias mundiales en las publicaciones para articular líneas y grupos de investigación.

Palabras Claves: Scopus, Estado del arte, Objetivos de desarrollo sostenible, Producción, Consumo, Responsabilidad

ABSTRACT

His report shows the current status and trends of Scopus publications related to the theme "Sustainable Development Goal - Responsible consumption and production". The figures of the publications, citations, collaborations and trends among others are presented. This is an input for the USTA academic community whose objective is to identify global trends in publications for joint lines and research groups.

Keywords: Scopus, State of the art, Sustainable development goals, Production, Consumption, Responsibility

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Ficha técnica

Fuente	Expresión de búsqueda
Scopus -Scival	SDG 12: Responsible Consumption and Production
Periodo de análisis: 2010 - 2019	
Fecha de consulta: 6/09/2020	

Metodología

(Corchuelo-Rodriguez et al., 2019, p. 11)

Resultados

Gráfico 1. Publicaciones por año (Fuente: Scopus - Scival)

Estado del arte - Scopus

[illegible]

☐	Topic	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Cause-Related Marketing; Corporate Social Performance; Corporate Philanthropy T.184	4,553	67.43%	1.78	99.922

Solid Waste Management; Life Cycle Assessment; Waste Incineration T.8631	1,550	71.40%	1.32	99.603

Embodied Energy; Life Cycle Assessment; Green Building T.3378	1,433	37.46%	1.69	99.691

Green Supply Chain Management; Environmentally Preferable Purchasing; Green Practices T.2569	1,182	30.13%	3.17	99.945

Life Cycle Impact Assessment; Elementary Flow; Product Environmental Footprint T.8714	1,128	74.06%	1.75	99.156

Environmental Disclosure; Sustainability Reporting; Global Reporting Initiative T.806	1,120	32.56%	1.97	99.741

E-Waste; Printed Circuit Boards; Electronic Equipment T.2195	1,113	34.60%	1.56	99.632

Pro-Environmental Behavior; Green Product; Environmental Attitudes T.874	1,096	29.28%	1.55	99.816

Anaerobic Digestion; Digester; Methane Production T.155	971	17.31%	1.38	99.937

Waste Incineration; Municipal Solid Waste; Carbonation T.3432	943	55.80%	0.94	98.540

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Tabla 2. Porcentaje de colaboraciones en las publicaciones (Fuente: Scopus - Scival)

Metric		Scholarly Output	Citations
■ International collaboration	21.7%	29,393	636,499
■ Only national collaboration	30.1%	40,673	591,630
■ Only institutional collaboration	36.0%	48,724	624,675
■ Single authorship (no collaboration)	12.2%	16,478	143,112

Tabla 3. Top 5 de las publicaciones con más citas (Fuente: Scopus - Scival)

Publicación	Citas
Solutions for a cultivated planet. Foley, J.A., Ramankutty, N., Brauman, K.A. and 18 more (2011) Nature, 478 (7369), pp. 337-342. View in Scopus	3,097
Recent developments in photocatalytic water treatment technology: A review. Chong, M.N., Jin, B., Chow, C.W.K. and 1 more (2010) Water Research, 44 (10), pp. 2997-3027. View in Scopus	2,874
Towards greener and more sustainable batteries for electrical energy storage. Larcher, D., Tarascon, J.-M. (2015) Nature Chemistry, 7 (1), pp. 19-29. View in Scopus	2,624
Planetary boundaries: Guiding human development on a changing planet. Steffen, W., Richardson, K., Rockström, J. and 15 more (2015) Science, 347 (6223). View in Scopus	2,349
Plastic waste inputs from land into the ocean. Jambeck, J.R., Geyer, R., Wilcox, C. and 5 more (2015) Science, 347 (6223), pp. 768-771. View in Scopus	2,217

Tabla 4. Top 10 de los autores con más índice h (Fuente: Scopus - Scival)

	☐	Name	Scholarly Output	Citations	☐	h-index
1.		☐ Zeng, Guangming	56	3,864	129	
2.		☐ Wang, Xiangke	84	9,279	114	
3.		☐ Dincer, Ibrahim	65	1,115	92	
4.		☐ Sarkis, Joseph	60	3,457	81	
5.		☐ Poon, Chi-Sun	59	1,859	75	
6.		☐ Ok, Yong Sik	53	3,783	71	
7.		☐ Domingo, J. L.	45	991	71	
8.		☐ Huang, Gordon	90	1,573	70	
9.		☐ Mai, Bixian	81	2,754	70	
10.		☐ Christensen, Thomas Højlund	65	3,096	66	

Institution	Scholarly Output	Citations
1. Chinese Academy of Sciences	2,630	65,677
2. Ministry of Education, China	1,786	31,490
3. CNRS	1,516	35,001
4. Tsinghua University	1,203	27,191
5. Zhejiang University	940	15,653
6. University of Chinese Academy of Sciences	878	17,232
7. INRAE	835	20,262
8. Wageningen University & Research	766	24,543
9. Technical University of Denmark	765	22,479
10. Universidade de São Paulo	685	8,721

A A A relevance of keyphrase | declining A A A growing (2010-2019)

Gráfico 3. Nube de palabras de crecimiento y declive en las publicaciones (Fuente: Scopus - Scival)

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Tabla 6. Top 10 de las revistas con más publicaciones (Fuente: Scopus - Scival)

☐	Scopus Source	Scholarly Output ↓	Views Count ✓	Field-Weighted Citation Impact ✓
1. ☐	Journal of Cleaner Production	4,254	447,740	2.50
2. ☐	Waste Management	2,375	200,225	1.45
3. ☐	Sustainability	2,145	121,454	1.22
4. ☐	Science of the Total Environment	1,553	162,734	1.83
5. ☐	Environmental Science and Pollution Research	1,490	55,215	1.01
6. ☐	International Journal of Life Cycle Assessment	1,377	127,516	2.01
7. ☐	Advanced Materials Research	1,345	44,223	0.43
8. ☐	Environmental Science & Technology	1,188	102,209	1.74
9. ☐	Resources, Conservation and Recycling	1,098	131,025	2.91
10. ☐	Waste Management and Research	989	68,657	0.76

Bibliografía

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