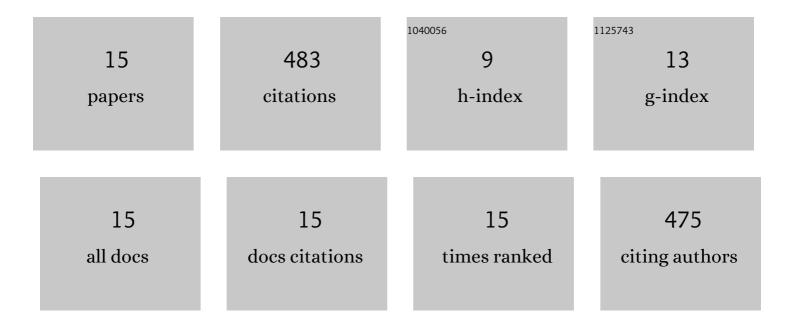
Tobias Elwert

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8052034/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A study on energy-saving optimization strategy for the stone processing industry—an improved method for modeling cutting power and energy consumption: A case study of block sawing process. Journal of Cleaner Production, 2021, 300, 126922.	9.3	8
2	Methodologies for evaluating sawability of ornamental granite and relation modeling combining sawability with environmental impacts: An application in a stone industrial park of China. Journal of Cleaner Production, 2020, 246, 119004.	9.3	21
3	Characterization of Fine Fractions from the Processing of Municipal Solid Waste Incinerator Bottom Ashes for the Potential Recovery of Valuable Metals. Minerals (Basel, Switzerland), 2020, 10, 838.	2.0	8
4	Industrial Recycling of Lithium-Ion Batteries—A Critical Review of Metallurgical Process Routes. Metals, 2020, 10, 1107.	2.3	142
5	Concept for a Hydrometallurgical Processing of a Copperâ€Cobaltâ€Nickel Alloy Made from Manganese Nodules. Chemie-Ingenieur-Technik, 2020, 92, 379-386.	0.8	10
6	Extraction of Rare Earth Elements from Phospho-Gypsum: Concentrate Digestion, Leaching, and Purification. Metals, 2020, 10, 131.	2.3	27
7	Improve sustainability of stone mining region in developing countries based on cleaner production evaluation: Methodology and a case study in Laizhou region of China. Journal of Cleaner Production, 2019, 207, 929-950.	9.3	22
8	Recycling of Batteries from Electric Vehicles. Green Energy and Technology, 2018, , 289-321.	0.6	21
9	Recycling Decisions in 2020, 2030, and 2040—When Can Substantial NdFeB Extraction be Expected in the EU?. Metals, 2018, 8, 867.	2.3	41
10	Recycling of NdFeB Magnets from Electric Drive Motors of (Hybrid) Electric Vehicles. Journal of Sustainable Metallurgy, 2017, 3, 108-121.	2.3	34
11	Froth Flotation of Copper and Copper Compounds from Fine Fractions of Waste Incineration Bottom Ashes. Chemie-Ingenieur-Technik, 2017, 89, 97-107.	0.8	5
12	Current Developments and Challenges in the Recycling of Key Components of (Hybrid) Electric Vehicles. Recycling, 2016, 1, 25-60.	5.0	88
13	Affinity of Rare Earth Elements to Silico-Phosphate Phases in the System Al2O3-CaO-MgO-P2O5-SiO2. Chemie-Ingenieur-Technik, 2014, 86, 840-847.	0.8	34
14	Liquid-Liquid Extraction and Chromatography Process Routes for the Purification of Lithium. Materials Science Forum, 0, 959, 79-99.	0.3	6
15	Recycling of Lithium Iron Phosphate Batteries: Future Prospects and Research Needs. Materials Science Forum, 0, 959, 49-68.	0.3	16