Anne Ventura

List of Publications by Year
in descending order

29 papers	1,088 citations	623734 14 h-index	501196 28 g-index
31 all docs	31 docs citations	31 times ranked	1236 citing authors

#	Article	IF	Citations
1	LCA allocation procedure used as an incitative method for waste recycling: An application to mineral additions in concrete. Resources, Conservation and Recycling, 2010, 54, 1231-1240.	10.8	387
2	Electrochemical generation of the Fenton's reagent: application to atrazine degradation. Water Research, 2002, 36, 3517-3522.	11.3	131
3	Dilatational rheology of protein+non-ionic surfactant films at airâ€"water and oilâ€"water interfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 143, 211-219.	4.7	84
4	Sensitivity of the LCA allocation procedure for BFS recycled into pavement structures. Resources, Conservation and Recycling, 2010, 54, 348-358.	10.8	75
5	A new meta-model to calculate carbonation front depth within concrete structures. Construction and Building Materials, 2016, 129, 172-181.	7.2	51
6	Sensitivity Analysis of Environmental Process Modeling in a Life Cycle Context: A Case Study of Hemp Crop Production. Journal of Industrial Ecology, 2015, 19, 978-993.	5.5	40
7	Determination of traces of pesticides in water by solid-phase extraction and liquid chromatographyâ€"ionspray mass spectrometry. Journal of Chromatography A, 1997, 777, 115-125.	3.7	39
8	Environmental Impact of a Binding Course Pavement Section, with Asphalt Recycled at Varying Rates. Road Materials and Pavement Design, 2008, 9, 319-338.	4.0	33
9	Analysis of corrosion risk due to chloride diffusion for concrete structures in marine environment. Marine Structures, 2020, 73, 102804.	3.8	29
10	Introducing economic actors and their possibilities for action in LCA using sensitivity analysis: Application to hemp-based insulation products for building applications. Journal of Cleaner Production, 2017, 142, 3905-3916.	9.3	26
11	Technical and environmental effects of concrete production: dry batch versus central mixed plant. Journal of Cleaner Production, 2010, 18, 1320-1327.	9.3	25
12	Polycyclic aromatic hydrocarbons emitted from a hot-mix drum, asphalt plant: study of the influence from use of recycled bitumen. Journal of Environmental Engineering and Science, 2007, 6, 727-734.	0.8	21
13	Eco-design of spirulina solar cultivation: Key aspects to reduce environmental impacts using Life Cycle Assessment. Journal of Cleaner Production, 2021, 299, 126741.	9.3	17
14	Modeling of Polycyclic Aromatic Hydrocarbons stack emissions from a hot mix asphalt plant for gate-to-gate Life Cycle Inventory. Journal of Cleaner Production, 2015, 93, 151-158.	9.3	14
15	Application of sensitivity analysis in the life cycle design for the durability of reinforced concrete structures in the case of XC4 exposure class. Cement and Concrete Composites, 2018, 87, 53-62.	10.7	14
16	Airborne Emissions Assessment of Hot Asphalt Mixing Methods and Limitations. Road Materials and Pavement Design, 2010, 11, 149-169.	4.0	14
17	A Life Cycle Assessment model of End-of-life scenarios for building deconstruction and waste management. Journal of Cleaner Production, 2022, 339, 130694.	9.3	13
18	Design of concrete: Setting a new basis for improving both durability and environmental performance. Journal of Industrial Ecology, 2021, 25, 233-247.	5.5	12

#	Article	IF	Citations
19	Convergence of sensitivity analysis methods for evaluating combined influences of model inputs. Reliability Engineering and System Safety, 2019, 189, 109-122.	8.9	10
20	The â€œMetal-Energy-Construction Mineralâ€•Nexus in the Island Metabolism: The Case of the Extractive Economy of New Caledonia. Sustainability, 2020, 12, 2191.	3.2	10
21	Linking research activities and their implementation in practice in the construction sector: the LCA Construction 2012 experience. International Journal of Life Cycle Assessment, 2014, 19, 463-470.	4.7	9
22	Environmental Potential of Earth-Based Building Materials: Key Facts and Issues from a Life Cycle Assessment Perspective. RILEM State-of-the-Art Reports, 2022, , 261-296.	0.7	8
23	Airborne Emissions Assessment of Hot Asphalt Mixing. Road Materials and Pavement Design, 2010, 11, 149-169.	4.0	6
24	Decision-based territorial life cycle assessment for the management of cement concrete demolition waste. Waste Management and Research, 2020, 38, 1405-1419.	3.9	6
25	Classification of chemicals into emission-based impact categories: a first approach for equiprobable and site-specific conceptual frames. International Journal of Life Cycle Assessment, 2011, 16, 148-158.	4.7	4
26	Prospective Life Cycle Assessment at Early Stage of Product Development: Application to Nickel Slag Valorization Into Cement for the Construction Sector. Frontiers in Built Environment, 2021, 7, .	2.3	4
27	Discrete non-parametric kernel estimation for global sensitivity analysis. Reliability Engineering and System Safety, 2016, 146, 47-54.	8.9	3
28	Conceptual issue of the dynamic GWP indicator and solution. International Journal of Life Cycle Assessment, 2023, 28, 788-799.	4.7	3
29	RÃ¹le des acteurs dans le processus dâ€™Ã©laboration de projets routiers. DÃ©veloppement Durable Et Territoires, 0, , .	0.1	0