

# Anne Ventura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/314506/publications.pdf>

Version: 2024-02-01

29  
papers

1,088  
citations

623188

14  
h-index

500791

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. <i>Resources, Conservation and Recycling</i> , 2010, 54, 1231-1240.	5.3	387
2	Electrochemical generation of the Fenton's reagent: application to atrazine degradation. <i>Water Research</i> , 2002, 36, 3517-3522.	5.3	131
3	Dilatational rheology of protein+non-ionic surfactant films at air-water and oil-water interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 143, 211-219.	2.3	84
4	Sensitivity of the LCA allocation procedure for BFS recycled into pavement structures. <i>Resources, Conservation and Recycling</i> , 2010, 54, 348-358.	5.3	75
5	A new meta-model to calculate carbonation front depth within concrete structures. <i>Construction and Building Materials</i> , 2016, 129, 172-181.	3.2	51
6	Sensitivity Analysis of Environmental Process Modeling in a Life Cycle Context: A Case Study of Hemp Crop Production. <i>Journal of Industrial Ecology</i> , 2015, 19, 978-993.	2.8	40
7	Determination of traces of pesticides in water by solid-phase extraction and liquid chromatography-ion spray mass spectrometry. <i>Journal of Chromatography A</i> , 1997, 777, 115-125.	1.8	39
8	Environmental Impact of a Binding Course Pavement Section, with Asphalt Recycled at Varying Rates. <i>Road Materials and Pavement Design</i> , 2008, 9, 319-338.	2.0	33
9	Analysis of corrosion risk due to chloride diffusion for concrete structures in marine environment. <i>Marine Structures</i> , 2020, 73, 102804.	1.6	29
10	Introducing economic actors and their possibilities for action in LCA using sensitivity analysis: Application to hemp-based insulation products for building applications. <i>Journal of Cleaner Production</i> , 2017, 142, 3905-3916.	4.6	26
11	Technical and environmental effects of concrete production: dry batch versus central mixed plant. <i>Journal of Cleaner Production</i> , 2010, 18, 1320-1327.	4.6	25
12	Polycyclic aromatic hydrocarbons emitted from a hot-mix drum, asphalt plant: study of the influence from use of recycled bitumen. <i>Journal of Environmental Engineering and Science</i> , 2007, 6, 727-734.	0.3	21
13	Eco-design of spirulina solar cultivation: Key aspects to reduce environmental impacts using Life Cycle Assessment. <i>Journal of Cleaner Production</i> , 2021, 299, 126741.	4.6	17
14	Modeling of Polycyclic Aromatic Hydrocarbons stack emissions from a hot mix asphalt plant for gate-to-gate Life Cycle Inventory. <i>Journal of Cleaner Production</i> , 2015, 93, 151-158.	4.6	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. <i>Cement and Concrete Composites</i> , 2018, 87, 53-62.	4.6	14
16	Airborne Emissions Assessment of Hot Asphalt Mixing Methods and Limitations. <i>Road Materials and Pavement Design</i> , 2010, 11, 149-169.	2.0	14
17	A Life Cycle Assessment model of End-of-life scenarios for building deconstruction and waste management. <i>Journal of Cleaner Production</i> , 2022, 339, 130694.	4.6	13
18	Design of concrete: Setting a new basis for improving both durability and environmental performance. <i>Journal of Industrial Ecology</i> , 2021, 25, 233-247.	2.8	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.	5.1	10
20	The "Metal-Energy-Construction Mineral" Nexus in the Island Metabolism: The Case of the Extractive Economy of New Caledonia. Sustainability, 2020, 12, 2191.	1.6	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.	2.2	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.	0.3	8
23	Airborne Emissions Assessment of Hot Asphalt Mixing. Road Materials and Pavement Design, 2010, 11, 149-169.	2.0	6
24	Decision-based territorial life cycle assessment for the management of cement concrete demolition waste. Waste Management and Research, 2020, 38, 1405-1419.	2.2	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.	2.2	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, .	1.2	4
27	Discrete non-parametric kernel estimation for global sensitivity analysis. Reliability Engineering and System Safety, 2016, 146, 47-54.	5.1	3
28	Conceptual issue of the dynamic GWP indicator and solution. International Journal of Life Cycle Assessment, 2023, 28, 788-799.	2.2	3
29	R�le des acteurs dans le processus d'collaboration de projets routiers. D�veloppement Durable Et Territoires, 0, , .	0.0	0