

# Serena Righi

## List of Publications by Year in descending order

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43  
papers

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430754

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docs citations

43  
times ranked

2015  
citing authors

#	ARTICLE	IF	CITATIONS
1	The RothC Model to Complement Life Cycle Analyses: A Case Study of an Italian Olive Grove. Sustainability, 2022, 14, 569.	1.6	4
2	Resource Pressure of Carpets: Guiding Their Circular Design. Sustainability, 2022, 14, 2530.	1.6	1
3	A Methodology for Designing Short-Term Stationary Air Quality Campaigns with Mobile Laboratories Using Different Possible Allocation Criteria. Sustainability, 2021, 13, 7481.	1.6	3
4	A comparative life cycle assessment of centralised and decentralised wood pellets production for residential heating. Science of the Total Environment, 2020, 730, 139162.	3.9	13
5	Life Cycle Assessment and Energy Balance of a Novel Polyhydroxyalkanoates Production Process with Mixed Microbial Cultures Fed on Pyrolytic Products of Wastewater Treatment Sludge. Energies, 2020, 13, 2706.	1.6	27
6	Comparative life cycle assessment of microalgae cultivation for non-energy purposes using different carbon dioxide sources. Science of the Total Environment, 2020, 721, 137714.	3.9	70
7	The Availability of Suitable Datasets for the LCA Analysis of Chemical Substances. , 2020, , 3-32.		5
8	Comparison of the LCIA Methods Used for the Evaluation of Chemicals. , 2020, , 33-51.		1
9	Historical record of polychlorinated biphenyls (PCBs) in the continental shelf of the Korea Strait. Chemosphere, 2019, 237, 124438.	4.2	17
10	Theoretical and unused potential for residual biomasses in the Emilia Romagna Region (Italy) through a revised and portable framework for their categorization. Renewable and Sustainable Energy Reviews, 2019, 112, 590-606.	8.2	12
11	Greenhouse gas savings and energy balance of sewage sludge treated through an enhanced intermediate pyrolysis screw reactor combined with a reforming process. Waste Management, 2019, 91, 42-53.	3.7	16
12	Life Cycle Assessments of Waste-Based Biorefineriesâ€”A Critical Review. Green Energy and Technology, 2019, , 139-154.	0.4	5
13	PestLCI 2.0 sensitivity to soil variations for the evaluation of pesticide distribution in Life Cycle Assessment studies. Science of the Total Environment, 2019, 656, 1021-1031.	3.9	10
14	Integrating Life Cycle Inventory and Process Design Techniques for the Early Estimate of Energy and Material Consumption Data. Energies, 2018, 11, 970.	1.6	28
15	Environmental assessment of wheat and maize production in an Italian farmers' cooperative. Journal of Cleaner Production, 2017, 140, 631-643.	4.6	57
16	A life cycle assessment of poly-hydroxybutyrate extraction from microbial biomass using dimethyl carbonate. Journal of Cleaner Production, 2017, 168, 692-707.	4.6	38
17	A DOSE CALCULATION MODEL APPLICATION FOR INDOOR EXPOSURE TO TWO-LAYER WALLS GAMMA IRRADIATION: THE CASE STUDY OF CERAMIC TILES. Radiation Protection Dosimetry, 2016, 171, ncv476.	0.4	1
18	Life Cycle Assessment of high ligno-cellulosic biomass pyrolysis coupled with anaerobic digestion. Bioresource Technology, 2016, 212, 245-253.	4.8	45

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19	Modelling of an alternative process technology for biofuel production and assessment of its environmental impacts. <i>Journal of Cleaner Production</i> , 2016, 122, 42-51.	4.6	11
20	Greenhouse gas emissions and energy balance of biodiesel production from microalgae cultivated in photobioreactors in Denmark: a life-cycle modeling. <i>Journal of Cleaner Production</i> , 2016, 112, 4084-4092.	4.6	88
21	Does the exposure mode to ENPs influence their toxicity to aquatic species? A case study with TiO <sub>2</sub> nanoparticles and <i>Daphnia magna</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 5050-5058.	2.7	8
22	Modern accumulation rates and sources of organic carbon in the NE Gulf of Cádiz (SW Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.7	4
23	Freshwater ecotoxicity characterisation factor for metal oxide nanoparticles: A case study on titanium dioxide nanoparticle. <i>Science of the Total Environment</i> , 2015, 505, 494-502.	3.9	66
24	Radiation exposure related to the shipment of fertilisers to and from commercial ports: the case study of the seaport of Ravenna (Italy). <i>Journal of Radiological Protection</i> , 2014, 34, 63-76.	0.6	0
25	Combining life cycle assessment and qualitative risk assessment: The case study of alumina nanofluid production. <i>Science of the Total Environment</i> , 2014, 496, 122-131.	3.9	57
26	Life Cycle Assessment of management systems for sewage sludge and food waste: centralized and decentralized approaches. <i>Journal of Cleaner Production</i> , 2013, 44, 8-17.	4.6	141
27	Development and evaluation of emission disaggregation models for the spatial distribution of non-industrial combustion atmospheric pollutants. <i>Atmospheric Environment</i> , 2013, 79, 85-92.	1.9	15
28	Comparative cradle-to-gate life cycle assessments of cellulose dissolution with 1-butyl-3-methylimidazolium chloride and N-methyl-morpholine-N-oxide. <i>Green Chemistry</i> , 2011, 13, 367-375.	4.6	76
29	Natural radionuclides content and radiological hazard of commercial ornamental stones: An integrated radiometric and mineralogical-petrographic study. <i>Radiation Measurements</i> , 2011, 46, 538-545.	0.7	28
30	Sediment geochemistry and accumulation rates on the northeastern shelf of the Gulf of Cádiz (SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.3	5
31	Radon exhalation rates from zircon sands and ceramic tiles in Italy. <i>Radioprotection</i> , 2009, 44, 445-451.	0.5	8
32	Statistical and diagnostic evaluation of the ADMS-Urban model compared with an urban air quality monitoring network. <i>Atmospheric Environment</i> , 2009, 43, 3850-3857.	1.9	52
33	Natural radioactivity in refractory manufacturing plants and exposure of workers to ionising radiation. <i>Journal of Environmental Radioactivity</i> , 2009, 100, 540-546.	0.9	10
34	Natural radioactivity in Italian ceramic tiles. <i>Radioprotection</i> , 2009, 44, 413-419.	0.5	24
35	Short-term dynamics of sedimentary organic matter in a littoral area of the North Adriatic Sea (Italy): Evidence from <sup>234</sup> Th and <sup>7</sup> Be. <i>Radioprotection</i> , 2009, 44, 431-437.	0.5	0
36	Natural radioactivity and radon exhalation in building materials used in Italian dwellings. <i>Journal of Environmental Radioactivity</i> , 2006, 88, 158-170.	0.9	278

#	ARTICLE	IF	CITATIONS
37	Application of the ISCST3 model to an industrial area: comparison between predicted and observed concentrations. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	4
38	Health and environmental impacts of a fertilizer plant “ Part II: Assessment of radiation exposure. Journal of Environmental Radioactivity, 2005, 82, 183-198.	0.9	8
39	Assessment of the radiological impacts of a zircon sand processing plant. Journal of Environmental Radioactivity, 2005, 82, 237-250.	0.9	15
40	Health and environmental impacts of a fertilizer plant “ Part I: Assessment of radioactive pollution. Journal of Environmental Radioactivity, 2005, 82, 167-182.	0.9	73
41	Carbon and nitrogen distribution in the sediments of lagoon of Ravenna (Italy). Annali Di Chimica, 2002, 92, 887-96.	0.6	0
42	Monitoring of natural radioactivity in working places. Microchemical Journal, 2000, 67, 119-126.	2.3	27
43	Radioactivity in raw materials and end products in the Italian ceramics industry. Journal of Environmental Radioactivity, 2000, 47, 171-181.	0.9	51