

# Feni Agostinho

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

2,113  
citations

236612

25  
h-index

253896

43  
g-index

96  
all docs

96  
docs citations

96  
times ranked

1807  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainability of urban aquaponics farms: An emergy point of view. Journal of Cleaner Production, 2022, 331, 129896.	4.6	16
2	The Ecological Value of Typical Agricultural Products: An Emergy-Based Life-Cycle Assessment Framework. Frontiers in Environmental Science, 2022, 10, .	1.5	4
3	Environmental Accounting of the Yellow-Tail Lambari Aquaculture: Sustainability of Rural Freshwater Pond Systems. Sustainability, 2022, 14, 2090.	1.6	8
4	Enhancing the Assessment of Cleaner Production Practices for Sustainable Development: The Five-Sector Sustainability Model Applied to Water and Wastewater Treatment Companies. Sustainability, 2022, 14, 4126.	1.6	8
5	Assessment of ecological restoration projects under water limits: Finding a balance between nature and human needs. Journal of Environmental Management, 2022, 311, 114849.	3.8	14
6	Sustainable development and its goals. , 2022, , 13-33.		0
7	Sustainability Assessment of Family Agricultural Properties: The Importance of Homeopathy. Sustainability, 2022, 14, 6334.	1.6	1
8	Sustainability Analysis of a Municipal Wastewater Treatment Plant through Emergy Evaluation. Sustainability, 2022, 14, 6461.	1.6	2
9	Prioritizing Cleaner Production Actions towards Circularity: Combining LCA and Emergy in the PET Production Chain. Sustainability, 2022, 14, 6821.	1.6	4
10	Can we obtain high productivity allied to environmental gains? An emergy-economic study of sheep meat production systems. Journal of Cleaner Production, 2022, 365, 132722.	4.6	1
11	Using the five sectors sustainability model to verify the relationship between circularity and sustainability. Journal of Cleaner Production, 2022, 366, 132890.	4.6	9
12	LEAP-WEAP analysis of urban energy-water dynamic nexus in Beijing (China). Renewable and Sustainable Energy Reviews, 2021, 136, 110369.	8.2	21
13	Emergy synthesis for aquaculture: A review on its constraints and potentials. Reviews in Aquaculture, 2021, 13, 1119-1138.	4.6	26
14	Beyond a Sustainable Consumption Behavior: What Post-pandemic World Do We Want to Live in?. Frontiers in Sustainability, 2021, 2, .	1.3	7
15	Assessing cities growth-degrowth pulsing by emergy and fractals: A methodological proposal. Cities, 2021, 113, 103162.	2.7	5
16	Assessing the sustainability of rice production in Brazil and Cuba. Journal of Agriculture and Food Research, 2021, 4, 100152.	1.2	8
17	Individual-level characteristics of environmental sustainability among students in a higher education institution: the role of happiness and academic performance. International Journal of Sustainability in Higher Education, 2021, 22, 1664-1690.	1.6	6
18	Sustainability assessment of agriculture production systems in Pakistan: A provincial-scale emergy-based evaluation. Ecological Modelling, 2021, 455, 109654.	1.2	11

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19	Energy constrains to increasing complexity in the biosphere. <i>Innovation(China)</i> , 2021, 2, 100169.	5.2	5
20	Recognizing the wealth of non-marketable food in distribution centres: The environmental benefits of donation. <i>Journal of Cleaner Production</i> , 2021, 318, 128482.	4.6	7
21	Understanding the Sustainability of the Energyâ€“Waterâ€“Land Flow Nexus in Transnational Trade of the Belt and Road Countries. <i>Energies</i> , 2021, 14, 6311.	1.6	6
22	What Are the Stimuli to Change to a Sustainable Post-COVID-19 Society?. <i>Sustainability</i> , 2021, 13, 12939.	1.6	2
23	Insights on the United Nations Sustainable Development Goals scope: Are they aligned with a â€“strongâ€“ sustainable development?. <i>Journal of Cleaner Production</i> , 2020, 252, 119574.	4.6	36
24	Evaluating producers as resource consumers and alternative consumption patterns: Outcomes from energy synthesis of the jeans supply chain. <i>Cleaner and Responsible Consumption</i> , 2020, 1, 100002.	1.6	5
25	Environmental impacts characterization of packaging waste generated by urban food delivery services. A big-data analysis in Jing-Jin-Ji region (China). <i>Waste Management</i> , 2020, 117, 157-169.	3.7	47
26	Cleaner production for achieving the sustainable development goals. <i>Journal of Cleaner Production</i> , 2020, 271, 122127.	4.6	122
27	Conceptual Analysis on the Way Brazilian Cities Work: A Macroscopic View. <i>Frontiers in Sustainable Cities</i> , 2020, 2, .	1.2	1
28	Energy-based ecosystem services valuation and classification management applied to Chinaâ€™s grasslands. <i>Ecosystem Services</i> , 2020, 42, 101073.	2.3	55
29	Integrating or Des-integrating agribusiness systems: Outcomes of energy evaluation. <i>Science of the Total Environment</i> , 2020, 729, 138733.	3.9	9
30	Howard Odumâ€™s â€“Self-organization, transformity and informationâ€“: Three decades of empirical evidence. <i>Ecological Modelling</i> , 2019, 407, 108717.	1.2	17
31	Energy-based valuation of agriculture ecosystem services and dis-services. <i>Journal of Cleaner Production</i> , 2019, 239, 118019.	4.6	66
32	Editorial: Perspectives on energy futures, environment and wellbeing. <i>Energy Policy</i> , 2019, 133, 110890.	4.2	0
33	Five sector sustainability model: A proposal for assessing sustainability of production systems. <i>Ecological Modelling</i> , 2019, 406, 98-108.	1.2	28
34	Sustainability assessment procedure for operations and production processes (SUAPRO). <i>Science of the Total Environment</i> , 2019, 685, 1006-1018.	3.9	18
35	Energy accounting as a support for a strategic planning towards a regional sustainable milk production. <i>Agricultural Systems</i> , 2019, 176, 102647.	3.2	22
36	LEED certification as booster for sustainable buildings: Insights for a Brazilian context. <i>Resources, Conservation and Recycling</i> , 2019, 145, 170-178.	5.3	14

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37	Ten years working together for a sustainable world, dedicated to the 6th IWACP: Introductory article. <i>Journal of Cleaner Production</i> , 2019, 226, 866-873.	4.6	5
38	Calibration of a Questionnaire for Evaluation of Happiness. <i>Journal of Environmental Accounting and Management</i> , 2019, 7, 449-462.	0.3	5
39	Assessing Footwear Factories Under Energy And Material Flow Accounting Tools After Implementing Cleaner Production Practices. <i>Journal of Environmental Accounting and Management</i> , 2019, 7, 429-448.	0.3	0
40	Sustainability as a Strategy for the Commons. <i>Journal of Environmental Accounting and Management</i> , 2019, 7, 363-366.	0.3	1
41	Synthesis of the discussions held at the International Workshop on Advances in Cleaner Production: Ten years working together for a sustainable future. <i>Journal of Cleaner Production</i> , 2018, 183, 481-486.	4.6	9
42	Exploring the potentialities of energy accounting in studying the limits to growth of urban systems. <i>Ecological Indicators</i> , 2018, 94, 4-12.	2.6	15
43	Accounting for internal stocks in assessing the sustainability of urban systems: The case of ABC Paulista. <i>Ecological Indicators</i> , 2018, 94, 70-81.	2.6	10
44	Decision making under the environmental perspective: Choosing between traditional and distance teaching courses. <i>Journal of Cleaner Production</i> , 2018, 172, 4303-4313.	4.6	14
45	Accounting for the benefits of technology change: Replacing a zinc-coating process by a water-based organo-metallic coating process. <i>Journal of Cleaner Production</i> , 2018, 174, 170-176.	4.6	21
46	Human-nature nexuses in Brazil: Monitoring production of economic and ecosystem services in historical series. <i>Ecosystem Services</i> , 2018, 30, 248-256.	2.3	14
47	Towards more sustainable social housing projects: Recognizing the importance of using local resources. <i>Building and Environment</i> , 2018, 127, 187-203.	3.0	31
48	Comparing costs and supply of supporting and regulating services provided by urban parks at different spatial scales. <i>Ecosystem Services</i> , 2018, 30, 236-247.	2.3	17
49	Activity-Based Costing Using Multicriteria Drivers: An Accounting Proposal to Boost Companies Toward Sustainability. <i>Frontiers in Energy Research</i> , 2018, 6, .	1.2	5
50	Exploring the potential of urban park size for the provision of ecosystem services to urban centres: A case study in São Paulo, Brazil. <i>Building and Environment</i> , 2018, 144, 450-458.	3.0	24
51	Material selection for environmental responsibility: the case of soft drinks packaging in Brazil. <i>Journal of Cleaner Production</i> , 2017, 142, 173-179.	4.6	29
52	Assessment of municipal potential prosperity, carrying capacity and trade. <i>Journal of Cleaner Production</i> , 2017, 153, 425-434.	4.6	14
53	Cleaner Production towards a sustainable transition. <i>Journal of Cleaner Production</i> , 2017, 142, 1-7.	4.6	67
54	Can cloud computing be labeled as "green"? Insights under an environmental accounting perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 69, 514-526.	8.2	27

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55	Performance Assessment for a Sustainable Supply Chain at Local Level. IFIP Advances in Information and Communication Technology, 2016, , 587-597.	0.5	0
56	Evaluation of two hydropower plants in Brazil: using emergy for exploring regional possibilities. Journal of Cleaner Production, 2016, 122, 78-86.	4.6	20
57	Cleaner production towards a sustainable transition. Journal of Cleaner Production, 2016, 112, 1.	4.6	27
58	Greening A Cuban Local Mango Supply Chain: Sustainability Options and Management Strategies. Journal of Environmental Accounting and Management, 2016, 4, 253-268.	0.3	1
59	Emergy Evaluation of Domestic Wastewater Treatments: The Role of Energy and Materials Consumption and Carbon Emissions. Journal of Environmental Accounting and Management, 2016, 4, 317-338.	0.3	3
60	Sustainable Milk Production: Application of the Hierarchical Analytical Process Towards a Regional Strategic Planning. Journal of Environmental Accounting and Management, 2016, 4, 385-398.	0.3	4
61	Naphtha Production Assessment from the Perspective of the Emergy Accounting. IFIP Advances in Information and Communication Technology, 2016, , 812-817.	0.5	1
62	Energy Efficiency and Global Warming Potential of a Wind-Energy Complex at Brazilian PiauÃ-State. IFIP Advances in Information and Communication Technology, 2016, , 825-834.	0.5	1
63	Analysis of the Polyethylene Terephthalate Production Chain: An Approach Based on the Emergy Synthesis. IFIP Advances in Information and Communication Technology, 2016, , 798-804.	0.5	0
64	AvaliaÃo de impacto da escala econÃmica na dimensÃo ambiental das empresas do ISE da BM & FBOVESPA conforme parÃmetros da PolÃtica Nacional do Meio Ambiente (Lei no 10.165). GestÃo & ProduÃo, 2015, 22, 96-106.	0.5	1
65	AvaliaÃo em emergia como ferramenta de gestÃo nos parques urbanos de SÃo Paulo. GestÃo & ProduÃo, 2015, 22, 443-458.	0.5	3
66	Influence of cellulase enzyme production on the energeticâenvironmental performance of lignocellulosic ethanol. Ecological Modelling, 2015, 315, 46-56.	1.2	18
67	Integrating cleaner production into sustainability strategies: an introduction to this special volume. Journal of Cleaner Production, 2015, 96, 1-9.	4.6	79
68	Multicriteria costâbenefit assessment of tannery production: The need for breakthrough process alternatives beyond conventional technology optimization. Environmental Impact Assessment Review, 2015, 54, 22-38.	4.4	27
69	Can measures of well-being and progress help societies to achieve sustainable development?. Journal of Cleaner Production, 2015, 90, 370-380.	4.6	67
70	A review of limitations of GDP and alternative indices to monitor human wellbeing and to manage eco-system functionality. Journal of Cleaner Production, 2015, 87, 11-25.	4.6	132
71	Using Emergy to Assess the Business Plan of a Small Auto-parts Manufacturer in Brazil. Journal of Environmental Accounting and Management, 2015, 3, 371-384.	0.3	1
72	Hidden costs of a typical embodied energy analysis: Brazilian sugarcane ethanol as a case study. Biomass and Bioenergy, 2014, 71, 69-83.	2.9	16

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73	Exploring Alternatives of Accounting for Environmental Liabilities in the Company's Balance Sheet. Lecture Notes in Computer Science, 2014, , 187-196.	1.0	2
74	Product Change in a Small Company: Effects on Eco-price and Global Productivity. IFIP Advances in Information and Communication Technology, 2014, , 178-186.	0.5	1
75	Energetic-environmental assessment of a scenario for Brazilian cellulosic ethanol. Journal of Cleaner Production, 2013, 47, 474-489.	4.6	40
76	Study of environmental sustainability of three municipalities using emergy synthesis. , 2013, , .		0
77	Call for papers Integrating Cleaner Production into Sustainability Strategies. Journal of Cleaner Production, 2013, 57, 1.	4.6	4
78	Energy diagnosis and reflections towards Brazilian sustainable development. Energy Policy, 2013, 63, 1002-1012.	4.2	37
79	Urban solid waste plant treatment in Brazil: Is there a net emergy yield on the recovered materials?. Resources, Conservation and Recycling, 2013, 73, 143-155.	5.3	35
80	Support area as an indicator of environmental load: Comparison between Embodied Energy, Ecological Footprint, and Energy Accounting methods. Ecological Indicators, 2013, 24, 494-503.	2.6	32
81	Primary evidences on the robustness of environmental accounting from emergy. Journal of Environmental Accounting and Management, 2013, 1, 203-212.	0.3	15
82	Streamlined life cycle inventory of dental syringes manufacturing. Journal of Environmental Accounting and Management, 2013, 1, 189-201.	0.3	1
83	Integrated food, energy and environmental services production as an alternative for small rural properties in Brazil. Energy, 2012, 37, 103-114.	4.5	38
84	Convergence of ecological footprint and emergy analysis as a sustainability indicator of countries: Peru as case study. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 3182-3192.	1.7	177
85	Assessment of a large watershed in Brazil using Emergy Evaluation and Geographical Information System. Ecological Modelling, 2010, 221, 1209-1220.	1.2	41
86	Emergy Net Primary Production (ENPP) as basis for calculation of Ecological Footprint. Ecological Indicators, 2010, 10, 475-483.	2.6	46
87	Sustainability of nations by indices: Comparative study between environmental sustainability index, ecological footprint and the emergy performance indices. Ecological Economics, 2008, 66, 628-637.	2.9	171
88	The use of emergy assessment and the Geographical Information System in the diagnosis of small family farms in Brazil. Ecological Modelling, 2008, 210, 37-57.	1.2	101
89	Índices versus indicadores: precisões conceituais na discussão da sustentabilidade de países. Ambiente & Sociedade, 2007, 10, 137-148.	0.5	49
90	Briquettes production from green coconut shells: technical, financial, and environmental aspects. Engenharia Sanitaria E Ambiental, 0, , .	0.1	0