

# Antonio Carlos de Francisco

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

1,848  
citations

270111

25  
h-index

325983

40  
g-index

111  
all docs

111  
docs citations

111  
times ranked

1919  
citing authors

#	ARTICLE	IF	CITATIONS
1	CONTRIBUIÇÃO DAS FERRAMENTAS DA GESTÃO DA QUALIDADE PARA A GESTÃO DO CONHECIMENTO NAS EMPRESAS: UMA REVISÃO BIBLIOMÉTRICA NA BASE DE DADOS SCOPUS. Revista Mundi Engenharia Tecnologia E Gestão (ISSN 2525-4782), 2023, 4, .	0.0	1
2	Challenges and opportunities for problem-based learning in higher education: Lessons from a cross-program Industry 4.0 case. Industry and Higher Education, 2023, 37, 3-21.	1.4	7
3	Cognitive Load Theory in the Context of Teaching and Learning Computer Programming: A Systematic Literature Review. IEEE Transactions on Education, 2022, 65, 440-449.	2.0	8
4	Current Panorama, Practice Gaps, and Recommendations to Accelerate the Transition to a Circular Bioeconomy in Latin America and the Caribbean. Circular Economy and Sustainability, 2022, 2, 281-312.	3.3	7
5	Utilization of Biogas from Solid Waste in the Production of Biomethane and Its Use as Biofuel in the Transport Sector. , 2022, , 2169-2195.		0
6	Trends in Renewable Electricity Generation in the G20 Countries: An Analysis of the 1990-2020 Period. Sustainability, 2022, 14, 2084.	1.6	9
7	Strategic planning oriented to circular business models: A decision framework to promote sustainable development. Business Strategy and the Environment, 2022, 31, 3254-3273.	8.5	13
8	How to advance regional circular bioeconomy systems? Identifying barriers, challenges, drivers, and opportunities. Sustainable Production and Consumption, 2022, 32, 248-269.	5.7	32
9	An analysis of Brazilian raw cow milk production systems and environmental product declarations of whole milk. Journal of Cleaner Production, 2022, 367, 133067.	4.6	6
10	Key aspects for designing business models for a circular bioeconomy. Journal of Cleaner Production, 2021, 278, 124341.	4.6	86
11	Socioeconomic and Environmental Aspects of the Production of Silk Cocoons in the Brazilian Sericulture. Textile Science and Clothing Technology, 2021, , 1-23.	0.4	0
12	Utilization of Biogas from Solid Waste in the Production of Biomethane and Its Use as Biofuel in the Transport Sector. , 2021, , 1-27.		0
13	Incorporating Consumer Perspective into the Value Creation Process in the Fashion Industry: A Path to Circularity. Textile Science and Clothing Technology, 2021, , 239-255.	0.4	0
14	Integrating life cycle assessment and life cycle cost: a review of environmental-economic studies. International Journal of Life Cycle Assessment, 2021, 26, 244-274.	2.2	47
15	Towards a green and fast production system: Integrating life cycle assessment and value stream mapping for decision making. Environmental Impact Assessment Review, 2021, 87, 106519.	4.4	30
16	UM PANORAMA DAS PESQUISAS SOBRE PENSAMENTO COMPUTACIONAL EM PROGRAMAS DE PÓS-GRADUAÇÃO NO BRASIL. Revista Contexto & Educação, 2021, 36, 31-53.	0.0	1
17	Circular economy strategies on business modelling: Identifying the greatest influences. Journal of Cleaner Production, 2021, 299, 126918.	4.6	52
18	Formação Pedagógica e o Ensino-Aprendizagem de Programa: Um estudo preliminar. Informática Na Educação Teoria & Prática, 2021, 24, .	0.1	0

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19	Circular economy as a driver to sustainable businesses. <i>Cleaner Environmental Systems</i> , 2021, 2, 100006.	2.2	78
20	Forming clusters based on strategic partnerships and circular economy for biogas production: A GIS analysis for optimal location. <i>Biomass and Bioenergy</i> , 2021, 150, 106097.	2.9	25
21	What kills the agricultural worker? A systematic review on suicide. <i>Rural and Remote Health</i> , 2021, 21, 6067.	0.4	1
22	Recent developments in bio-based adhesives from renewable natural resources. <i>Journal of Cleaner Production</i> , 2021, 314, 127892.	4.6	52
23	Circularity of Brazilian silk: Promoting a circular bioeconomy in the production of silk cocoons. <i>Journal of Environmental Management</i> , 2021, 296, 113373.	3.8	13
24	Biodigester location problems, its economic and environmental social aspects and techniques: Areas yet to be explored. <i>Energy Reports</i> , 2021, 7, 3998-4008.	2.5	8
25	Knowledge and technology transfer in sustainability reports: Fomenting stakeholder engagement for sustainable development. <i>Corporate Social Responsibility and Environmental Management</i> , 2021, 28, 251-264.	5.0	5
26	Prospecção Tecnológica de Métodos e de Técnicas da Economia Circular Aplicados ao Desenvolvimento Econômico Sustentável. <i>Cadernos De Prospecção</i> , 2021, 14, 502.	0.0	0
27	Life cycle assessment of electricity generation: a review of the characteristics of existing literature. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 36-54.	2.2	43
28	Sustainable development and economic performance: Gaps and trends for future research. <i>Sustainable Development</i> , 2020, 28, 368-384.	6.9	34
29	Life cycle assessment of traditional and alternative bricks: A review. <i>Environmental Impact Assessment Review</i> , 2020, 80, 106335.	4.4	46
30	Eco-efficiency of the differential ratio change in a heavy-duty vehicle and implications for the automotive industry. <i>Sustainable Production and Consumption</i> , 2020, 21, 145-155.	5.7	4
31	Sustainability of sugarcane lignocellulosic biomass pretreatment for the production of bioethanol. <i>Bioresource Technology</i> , 2020, 299, 122635.	4.8	80
32	Circular business models: Current aspects that influence implementation and unaddressed subjects. <i>Journal of Cleaner Production</i> , 2020, 250, 119555.	4.6	86
33	Construct Validity and Reliability of the Work Environment Assessment Instrument WE-10. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7364.	1.2	22
34	Bibliometrics and systematic reviews: A comparison between the Proknow-C and the Methodi Ordinatio. <i>Journal of Informetrics</i> , 2020, 14, 101043.	1.4	33
35	Opportunities for Improving the Environmental Profile of Silk Cocoon Production under Brazilian Conditions. <i>Sustainability</i> , 2020, 12, 3214.	1.6	12
36	Mapping of research lines on circular economy practices in agriculture: From waste to energy. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 131, 109958.	8.2	166

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37	Starch-Based Foam Packaging Developed from a By-Product of Potato Industrialization (Solanum) Tj ETQq1 1 0.784314 rgBT /Overloc	1.3	13
38	Circular economy in the pig farming chain: Proposing a model for measurement. Journal of Cleaner Production, 2020, 260, 121003.	4.6	27
39	Past and future of Social Life Cycle Assessment: Historical evolution and research trends. Journal of Cleaner Production, 2020, 264, 121506.	4.6	91
40	A Review on Multi-criteria Decision Analysis in the Life Cycle Assessment of Electricity Generation Systems. World Sustainability Series, 2020, , 575-590.	0.3	3
41	Recent Advances and Challenges in AI for Sustainable Agricultural Systems. Lecture Notes on Multidisciplinary Industrial Engineering, 2020, , 119-132.	0.4	0
42	The Perception of Knowledge Management by Small and Medium-Sized IT Companies, Campos Gerais, Brazil. Lecture Notes on Multidisciplinary Industrial Engineering, 2020, , 522-531.	0.4	0
43	Problem-Based Learning in the Brazilian Congress of Engineering Education since 2010 up to 2019: A Systematic Literature Review. Creative Education, 2020, 11, 1107-1118.	0.2	0
44	Princípios orientadores da formação e profissionalização docente durante a iniciação à docência no estado do Paraná. Revista De Ensino De Ciências E Matemática, 2020, 11, 298-318.	0.0	0
45	Quantification of social impacts on workers to aid decision-making in micro and small enterprises. , 2020, , .		0
46	Data mining and machine learning in the context of sustainable evaluation: a literature review. IEEE Latin America Transactions, 2019, 17, 372-382.	1.2	17
47	Life cycle assessment of electricity from biogas: A systematic literature review. Environmental Progress and Sustainable Energy, 2019, 38, 13133.	1.3	32
48	Influence of Extreme Events in Electric Energy Consumption and Gross Domestic Product. Sustainability, 2019, 11, 672.	1.6	2
49	Dimensionality Reduction in Gene Expression Data Sets. IEEE Access, 2019, 7, 61136-61144.	2.6	15
50	Data Mining and Machine Learning to Promote Smart Cities: A Systematic Review from 2000 to 2018. Sustainability, 2019, 11, 1077.	1.6	71
51	Circular Economy Practices on Wood Panels: A Bibliographic Analysis. Sustainability, 2019, 11, 1057.	1.6	46
52	How to identify opportunities for improvement in the use of reverse logistics in clothing industries? A case study in a Brazilian cluster. Journal of Cleaner Production, 2019, 210, 612-619.	4.6	25
53	Mapping of main research lines concerning life cycle studies on packaging systems in Brazil and in the world. International Journal of Life Cycle Assessment, 2019, 24, 1429-1443.	2.2	21
54	Developing Professional Skills of the Convict through Entrepreneurship Education. Creative Education, 2019, 10, 3329-3344.	0.2	1

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55	Espaços Ampliados Apoiados Por Tecnologias Digitais Para o Ensino de Programação de Computadores. Revista Pleiade, 2019, 12, 39-51.	0.0	0
56	Vantagens, barreiras e estratégias para economia circular: uma abordagem teórica. Exacta, 2019, 17, 238-255.	0.1	1
57	Bibliometric analysis about Economics approach to Bitcoins. Exacta, 2019, 18, 37-52.	0.1	0
58	Competencies for sustainability: A proposed method for the analysis of their interrelationships. Sustainable Production and Consumption, 2018, 14, 82-94.	5.7	23
59	Integrating life cycle assessment in the product development process: A methodological approach. Journal of Cleaner Production, 2018, 193, 28-42.	4.6	41
60	Carbon Footprint of Electricity Generation in Brazil: An Analysis of the 2016–2026 Period. Energies, 2018, 11, 1412.	1.6	39
61	Organizational Sustainability Practices: A Study of the Firms Listed by the Corporate Sustainability Index. Sustainability, 2018, 10, 226.	1.6	89
62	Tratamento de dejetos suínos: oportunidades de conversão em energia. Revista Gestão Industrial, 2018, 13, .	0.0	0
63	Determinação de uma equação para pegada de carbono de um sistema de transporte de cargas por meio da identificação dos fatores de influência e simulação. Revista Stricto Sensu, 2018, 3, 6-18.	0.2	0
64	Life cycle assessment of medium-density fiberboard (MDF) manufacturing process in Brazil. Science of the Total Environment, 2017, 575, 103-111.	3.9	63
65	Life Cycle Analysis of Charcoal Production in Masonry Kilns with and without Carbonization Process Generated Gas Combustion. Sustainability, 2017, 9, 1558.	1.6	29
66	Approach of the Two-way Influence Between Lean and Green Manufacturing and its Connection to Related Organisational Areas. International Journal of Production Management and Engineering, 2017, 5, 73.	0.8	18
67	Digital Energy Management for Houses and Small Industries Based on a Low-cost Hardware. IEEE Latin America Transactions, 2016, 14, 4275-4278.	1.2	6
68	Primary knowledge management practices applied in Brazil, Russia, India and China (BRIC) industries from 2001-2010. Journal of Knowledge Management, 2016, 20, 812-828.	3.2	16
69	PROPOSALS FOR ENVIRONMENTAL IMPROVEMENT OVER THE WOODEN PANELS PRODUCTIVE PROCESS UNDER A BRAZILIAN CONDITION, FOCUSING ON THE IMPACTS FOR THE HUMAN TOXICITY CATEGORY. Brazilian Journal of Operations and Production Management, 2016, 13, 100.	0.8	1
70	Management and Characterization of Textile Solid Waste in a Local Productive Arrangement. Fibres and Textiles in Eastern Europe, 2016, 24, 8-13.	0.2	13
71	Proposed model for assessing the contribution of the indicators obtained from the analysis of life-cycle inventory to the generation of industry innovation. Journal of Cleaner Production, 2015, 96, 339-348.	4.6	21
72	Review of patents on life cycle assessment. African Journal of Agricultural Research Vol Pp, 2015, 10, 858-864.	0.2	0

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73	Environmental profile analysis of MDF panels production: study in a brazilian technological condition. <i>Cerne</i> , 2014, 20, 409-418.	0.9	14
74	Proposed method for dimensionality reduction based on framework in gene expression domain. <i>Genetics and Molecular Research</i> , 2014, 13, 10582-10591.	0.3	1
75	LIFE CYCLE ASSESSMENT (LCA) AS A TOOL FOR BUSINESS STRATEGY. <i>Independent Journal of Management &amp; Production</i> , 2014, 5, .	0.1	6
76	AUDITORIA DA GESTÃO DA INOVAÇÃO: UM ESTUDO REALIZADO EM UMA PEQUENA EMPRESA DO RAMO METALÚRGICO. <i>Revista Gestão Industrial</i> , 2014, 10, .	0.0	0
77	Life Cycle Assessment as Entrepreneurial Tool for Business Management and Green Innovations. <i>Journal of Technology Management and Innovation</i> , 2013, 8, 44-53.	0.5	30
78	INTRODUCTORY BACKGROUND FOR LIFE CYCLE ASSESSMENT (LCA) OF PURE SILK FABRIC. <i>Independent Journal of Management &amp; Production</i> , 2013, 4, .	0.1	1
79	Geographical indications contributions for Brazilian agribusiness development. <i>African Journal of Agricultural Research</i> Vol Pp, 2013, 8, 2080-2085.	0.2	4
80	Percepção do Consumidor Quanto aos Produtos com Componentes Reciclados: Estudo de Caso Realizado no Curso de Administração da Faculdade de Campina Grande – FAC. <i>Sistemas &amp; Gestão</i> , 2013, 8, 0.1 432-443.	0.1	0
81	Workers' postural conditions in the charcoal production process based on vertical metallic cylinders. <i>Work</i> , 2012, 41, 453-461.	0.6	2
82	Etapas da implementação da educação corporativa e seus impactos em empresas brasileiras: um estudo multicaso. <i>Production</i> , 2012, 22, 296-308.	1.3	1
83	Análise da qualidade de vida no trabalho no setor de costura em uma indústria de confecção. <i>Revista Produção Online</i> , 2012, 12, 585.	0.1	4
84	The challenges faced by Brazil's Public Universities as a result of knowledge transfer barriers in building the technological innovation center. <i>African Journal of Business Management</i> , 2012, 6, 10547-10557.	0.4	12
85	QUALITY OF THE WORKING LIFE OF TEACHERS: A CASE STUDY AT A HIGHER EDUCATION INSTITUTION. <i>RAI: Revista De Administração E Inovação</i> , 2012, 9, .	0.8	0
86	MÉTODOS DE AVALIAÇÃO DE IMPACTOS DO CICLO DE VIDA: UMA DISCUSSÃO PARA ADOÇÃO DE MÉTODOS NAS ESPECIFICIDADES BRASILEIRAS. <i>Revista Gestão Industrial</i> , 2012, 8, .	0.0	3
87	Aplicação e utilização do método unidade de esforço de produção (UEP) para análise gerencial e como ferramenta para o aumento da competitividade. <i>Revista Produção Online</i> , 2011, 11, 688.	0.1	3
88	Análise da qualidade de vida no trabalho de colaboradores com diferentes níveis de instrução através de uma análise de correlações. <i>Production</i> , 2010, 20, 471-480.	1.3	5
89	Quality of life assessment in people with HIV: analysis of the WHOQOL-HIV syntax. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2010, 22, 361-372.	0.6	12
90	A percepção dos alunos do mestrado em engenharia de produção sobre a existência de ambientes de criação do conhecimento. <i>Ciencia Da Informacao</i> , 2009, 38, 96-109.	0.1	1

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91	Percepçã~o de Docentes que lecionam Programa~o de Computadores quanto ~ Forma~o Pedag~gica. Revista Brasileira De Informa~tica Na Educaã~o, 0, 29, 133-159.	0.1	1
92	Advances and challenges on the technologies and applications of biomethane. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-11.	1.2	5
93	Metodologias Ativas de Aprendizagem no Contexto de Ensino-Aprendizagem de Programa~o de Computadores. Revista De Estudos E Pesquisas Sobre Ensino Tecnol~gico, 0, 7, e159821.	0.0	1
94	DISCIPLINARIDADES E A APRENDIZAGEM BASEADA EM PROBLEMAS. , 0, , .		4
95	Percepçã~n de los Estudiantes de Ingenierãa, Tecnologãa y Curso Tãcnico sobre Responsabilidad Social Empresarial. Journal of Technology Management and Innovation, 0, 8, 23-24.	0.5	1
96	INFORMA~o TECNOL~GICA: IDENTIFICANDO TECNOLOGIAS, VANTAGENS E APLICA~ES ATRAV~S DO BANCO NACIONAL E INTERNACIONAL DE PATENTES. Holos, 0, 1, 139-150.	0.0	2
97	GESTãO DA INOVA~O EM ORGANIZA~ES: UM ESTUDO DE CASO EM UMA EMPRESA DE PEQUENO PORTE NO SEGMENTO METAL~RGICO NA CIDADE DE CURITIBA -PR. Holos, 0, 3, 38-50.	0.0	3
98	Prãticas de sustentabilidade adotadas no setor metal mecãnico de Ponta Grossa-PR. , 0, , .		0
99	RESãDUOS SãLIDOS TãXTEIS EM APL: UMA PROPOSTA DE VALORIZA~O APOIADA NA LOGãSTICA REVERSA. , 0, , .		0
100	RELA~ES DE COOPETIãO PARA A DESTINA~O DE RESãDUOS SãLIDOS TãXTEIS: UM ESTUDO NO ARRANJO PRODUTIVO DO NOROESTE PARANAENSE. , 0, , .		0
101	A rela~o entre as diretrizes estratãgicas e a transferãncia de tecnologia do setor da agroindãstria ervateira do Estado do Paranã. , 0, , .		0
102	Estudo do estado da arte das matrizes elãtricas mediante uma abordagem da sustentabilidade do ciclo de vida. , 0, , .		0
103	Gestão visual para fluxos de materiais baseado em economia circular: um caso em propriedade rural. , 0, , .		0
104	Uma revisão de planejamento estratãgico baseado na perspectiva do ciclo de vida. LALCA- Revista Latino Americana Em Avalia~o Do Ciclo De Vida, 0, 3, e34364.	0.3	0
105	Os cinco setores econãmicos mais afetados no mundo pelo distanciamento social: uma discussão ambiental, social e econãmica durante a pandemia do Covid-19. , 0, , .		0
106	COMPARA~O DE PROCEDIMENTOS NA PROGRAMA~O DA PRODU~O POR MEIO DO MãTODO DE WILCOXON. , 0, , .		0
107	Energy from livestock waste: Using circular economy and territorial intelligence to build sustainable businesses. Energy and Environment, 0, , 0958305X2211084.	2.7	0
108	How is the product development process supported by data mining and machine learning techniques?. Technology Analysis and Strategic Management, 0, , 1-13.	2.0	0