

# Sandro Donnini Mancini

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

501  
citations

759233

12  
h-index

677142

22  
g-index

41  
all docs

41  
docs citations

41  
times ranked

567  
citing authors

#	ARTICLE	IF	CITATIONS
1	Post Consumer Pet Depolymerization by Acid Hydrolysis. <i>Polymer-Plastics Technology and Engineering</i> , 2007, 46, 135-144.	1.9	58
2	Recyclability of PET from virgin resin. <i>Materials Research</i> , 1999, 2, 33-38.	1.3	46
3	Contribution for minimization the usage of cutting fluids in CFRP grinding. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 487-497.	3.0	44
4	Recycling potential of urban solid waste destined for sanitary landfills: the case of Indaiatuba, SP, Brazil. <i>Waste Management and Research</i> , 2007, 25, 517-523.	3.9	35
5	Additional steps in mechanical recycling of PET. <i>Journal of Cleaner Production</i> , 2010, 18, 92-100.	9.3	33
6	Integration of informal recycling sector in Brazil and the case of Sorocaba City. <i>Waste Management and Research</i> , 2017, 35, 721-729.	3.9	32
7	Consecutive steps of PET recycling by injection: evaluation of the procedure and of the mechanical properties. <i>Journal of Applied Polymer Science</i> , 2000, 76, 266-275.	2.6	29
8	Transition towards eco-efficiency in municipal solid waste management to reduce GHG emissions: The case of Brazil. <i>Journal of Cleaner Production</i> , 2020, 263, 121370.	9.3	29
9	Optimization of Neutral Hydrolysis Reaction of Post-consumer PET for Chemical Recycling. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2004, 20, 117-132.	1.8	27
10	Influência de Meios Reacionais na Hidrólise de PET Pós-Consumo. <i>Polimeros</i> , 2002, 12, 34-40.	0.7	24
11	Circular Economy and Solid Waste Management: Challenges and Opportunities in Brazil. <i>Circular Economy and Sustainability</i> , 2021, 1, 261-282.	5.5	22
12	Solid-state hydrolysis of postconsumer polyethylene terephthalate after plasma treatment. <i>Journal of Applied Polymer Science</i> , 2013, 127, 1989-1996.	2.6	16
13	Transition to circular economy in Brazil. <i>Management Decision</i> , 2021, 59, 1827-1840.	3.9	14
14	Replacement of metallic parts for polymer composite materials in motorcycle oil pumps. <i>Journal of Reinforced Plastics and Composites</i> , 2017, 36, 149-160.	3.1	12
15	Life Cycle Assessment as a Diagnostic and Planning Tool for Waste Management – A Case Study in a Brazilian Municipality. <i>Journal of Solid Waste Technology and Management</i> , 2018, 44, 259-269.	0.2	12
16	Construction and demolition waste as a source of PVC for recycling. <i>Waste Management and Research</i> , 2012, 30, 115-121.	3.9	10
17	Determinação da variação da viscosidade intrínseca do poli (tereftalato de etileno) de embalagens. <i>Polimeros</i> , 2004, 14, 69-73.	0.7	7
18	Plasma Treatment to Improve the Surface Properties of Recycled Post-Consumer PVC. <i>Plasma Processes and Polymers</i> , 2015, 12, 456-465.	3.0	7

#	ARTICLE	IF	CITATIONS
19	Integrated Municipal and Solid Waste Management in the amazon: addressing barriers and challenges in using the Delphi Method. International Journal of Environmental Impacts Management Mitigation and Recovery, 2021, 4, 49-61.	0.4	7
20	A fuzzy assessment method to airport waste management: A case study of Congonhas Airport, Brazil. Journal of Air Transport Management, 2020, 87, 101838.	4.5	5
21	Influência do tipo de coleta (comum ou seletiva) na reciclagem de filmes de poliolefinas pós-consumo. Polimeros, 2008, 18, 289-296.	0.7	4
22	Production of an axial piston: impacts resulting from the substitution of steel by a polymer-based material. Journal of Cleaner Production, 2013, 46, 36-41.	9.3	4
23	Evaluation and Quantification of Household Wastes Sent for Recycling Through a Selective Waste Collection System. Journal of Solid Waste Technology and Management, 2016, 42, 116-127.	0.2	4
24	Composition and quantification of the anthropogenic and natural fractions of wastes collected from the stormwater drainage system for discussions about the waste management and people behavior. Environment, Development and Sustainability, 2014, 16, 415-429.	5.0	2
25	CARACTERIZAÇÃO E RECICLAGEM QUÍMICA VIA PIRÓLISE DE RESÍDUOS DA FABRICAÇÃO DE PÃES EÁLICAS. Holos Environment, 2011, 11, 147.	0.1	2
26	Characterization of Post-Consumer PET after Removal of the Original Surface: Influence of Raw Material. International Journal of Polymeric Materials and Polymeric Biomaterials, 2010, 59, 407-423.	3.4	1
27	Comparison of polymers and ceramics in new and discarded electrical insulators: reuse and recycling possibilities. Revista Materia, 2013, 18, 1549-1562.	0.2	1
28	Life Cycle Assessment Applied to Municipal Solid Waste Management: A Case Study. Environment and Natural Resources Research, 2014, 4, .	0.1	1
29	Recycling scrap automotive heat shield insulation material. Journal of Material Cycles and Waste Management, 2015, 17, 33-41.	3.0	1
30	Biodigestor: uma tecnologia para a gestão de resíduos sólidos integrada com a educação ambiental e extensão universitária. Brazilian Journal of Development, 2020, 6, 10741-10754.	0.1	1
31	Proposal and Test of an Assessment Method for Municipal Solid Waste Management Systems. Journal of Solid Waste Technology and Management, 2021, 47, 557-568.	0.2	1
32	Interpretation of X-Ray Images to Investigate the Viability of Incorporating Poly(Ethylene-co-Vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	0
33	Index for the assessment of municipal solid waste management in Angola: a case study in kuito, bião province. African Geographical Review, 0, , 1-13.	1.0	0
34	Potencial de reciclagem de resíduos plásticos. , 2009, , 51-84.		0
35	A reciclagem de plásticos. , 2009, , 85-138.		0
36	Resíduos e reciclagem: contextualização. , 2009, , 15-50.		0

#	ARTICLE	IF	CITATIONS
37	Perfil da Gestão de Resíduos Sólidos Urbanos em municípios no Estado de São Paulo, Brasil. , 2019, 67, 95-109.	0.2	0