

Elen Beatriz Acordi Vasques Pacheco

List of Publications by Year in descending order

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57
papers

690
citations

643344

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685536

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58
all docs

58
docs citations

58
times ranked

947
citing authors

#	ARTICLE	IF	CITATIONS
1	Anaerobic co-digestion of oil refinery waste activated sludge and food waste. Environmental Technology (United Kingdom), 2022, 43, 4279-4290.	1.2	4
2	A Review on the Applicability of Life Cycle Assessment to Evaluate the Technical and Environmental Properties of Waste Electrical and Electronic Equipment. Journal of Polymers and the Environment, 2021, 29, 1333-1349.	2.4	19
3	Thermal and flammability properties of polyethylene composites with fibers to replace natural wood. Journal of Reinforced Plastics and Composites, 2021, 40, 726-740.	1.6	4
4	Avaliaç�o morfol�gica e tensiom�trica de peric�rdio bovino pr�-tratados em glutaralde�do e conservados em glicerina. Medicina Veterinaria (Brazil), 2021, 15, 130-137.	0.1	1
5	An overview of plastic straw policies in the Americas. Marine Pollution Bulletin, 2021, 172, 112813.	2.3	21
6	Management of cruise ship-generated solid waste: A review. Marine Pollution Bulletin, 2020, 151, 110785.	2.3	20
7	Rotomolding and polyethylene composites with rotomolded lignocellulosic materials: A review. Journal of Reinforced Plastics and Composites, 2020, 39, 459-472.	1.6	17
8	Avaliaç�o de procedimentos urbanos de descarte de res�duos eletroeletr�nicos domiciliares: uma proposta metodol�gica. Peri�dico Eletr�nico F�rum Ambiental Da Alta Paulista, 2020, 16, .	0.0	0
9	EVALUATION OF NETWORKS BETWEEN PRODUCTION UNITS IN THE POST-CONSUMER PET PACKAGING RECYCLING CHAIN. Environmental Engineering and Management Journal, 2020, 19, 1411-1418.	0.2	0
10	End-of-Life Tire Destination from a Life Cycle Assessment Perspective. , 2019, , .		3
11	Effect of clay amount and reprocessing cycles on thermal, morphological, and mechanical properties of polypropylene/organovermiculite nanocomposites. Polymer Engineering and Science, 2019, 59, 2110-2120.	1.5	4
12	The Use of Cashew Nut Shell Liquid (CNSL) in PP/HIPS Blends: Morphological, Thermal, Mechanical and Rheological Properties. Materials, 2019, 12, 1904.	1.3	4
13	Thermomorphological analysis of Al ₂ O ₃ /HDPE nanocomposites: One approach in function of the processing and vinyltrimethoxysilane (VTMS) content. Polymer Engineering and Science, 2019, 59, 1332-1343.	1.5	5
14	Efficiency in the environmental management of plastic wastes at Brazilian ports based on data envelopment analysis. Marine Pollution Bulletin, 2019, 142, 377-383.	2.3	10
15	Evaluation of rheological behavior, anaerobic and thermal degradation, and lifetime prediction of polylactide/poly(butylene adipate-co-terephthalate)/powdered nitrile rubber blends. Polymer Bulletin, 2019, 76, 2899-2913.	1.7	3
16	Behavior of zinc complex of bis(N-phenylsulfonyldithiocarbamate) as accelerator in the vulcanization of nitrile rubber compounds. Journal of Applied Polymer Science, 2019, 136, 47211.	1.3	6
17	Life Cycle Assessment of Polyethylene Terephthalate Packaging: An Overview. Journal of Polymers and the Environment, 2019, 27, 533-548.	2.4	61
18	A TEMPORAL HISTORICAL ANALYSIS ON HOW SELECTIVE COLLECTION OF RECYCLABLE WASTE IS INFLUENCED BY EDUCATION-RELATED AND REGIONAL FACTORS AT A UNIVERSITY. Environmental Engineering and Management Journal, 2019, 18, 2719-2728.	0.2	0

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19	Study of time reaction on alkaline pretreatment applied to rice husk on biomass component extraction. <i>Biomass Conversion and Biorefinery</i> , 2018, 8, 189-197.	2.9	23
20	Permeability, Melt Flow Index, Mechanical, and Morphological Properties of Green HDPE Composites: Effect of Mineral Fillers. <i>Macromolecular Symposia</i> , 2018, 381, 1800127.	0.4	4
21	Composites Based on Polypropylene and Talc: Processing Procedure and Prediction Behavior by Using Mathematical Models. <i>Advances in Condensed Matter Physics</i> , 2018, 2018, 1-8.	0.4	5
22	Sustainable recycling of mooring ropes from decommissioned offshore platforms. <i>Marine Pollution Bulletin</i> , 2018, 135, 357-360.	2.3	10
23	Breakage of sulfur crosslinks in styrene-butadiene rubber by zinc(II) dithiocarbamate derivative. <i>Colloid and Polymer Science</i> , 2017, 295, 2041-2050.	1.0	10
24	Management of plastic wastes at Brazilian ports and diagnosis of their generation. <i>Marine Pollution Bulletin</i> , 2017, 124, 67-73.	2.3	15
25	Tracking resistance of nanocomposites of HDPE and TiO ₂ nanoparticles. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2017, 24, 3515-2521.	1.8	3
26	Comparative lifecycle assessment of mango packaging made from a polyethylene/natural fiber-composite and from cardboard material. <i>Journal of Cleaner Production</i> , 2016, 139, 1168-1180.	4.6	46
27	Study of mechanical and morphological properties of bio-based polyethylene (HDPE) and sponge-gourds (<i>Luffa-cylindrica</i>) agroresidue composites. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	7
28	Rheological Behavior of Renewable Polyethylene (HDPE) Composites and Sponge Gourd (<i>Luffa</i>) Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50	1.2	21
29	THE USE OF EXPERIMENTAL DESIGN IN THE EVALUATION OF MECHANICAL PROPERTIES OF PP/VERMICULITE COMPOSITES. <i>International Journal of Materials Engineering and Technology</i> , 2015, 13, 219-232.	0.1	1
30	Syntheses, spectroscopic characterization, crystal structure and natural rubber vulcanization activity of new disulfides derived from sulfonyldithiocarbamates. <i>Journal of Molecular Structure</i> , 2013, 1048, 244-251.	1.8	9
31	Tannin Treated Water for Use in the Emulsion Polymerization of SBR. <i>Polimeros</i> , 2013, 23, 326-330.	0.2	4
32	Revisão dos tratamentos químicos da fibra natural para mistura com poliolefinas. <i>Quimica Nova</i> , 2013, 36, 114-122.	0.3	46
33	Design of Experimental Design as a Tool for the Processing and Characterization of HDPE Composites with Sponge-Gourds (<i>Luffa-Cylindrica</i>) Agrofiber Residue. <i>Journal of Sustainable Development</i> , 2013, 6, .	0.1	1
34	Estudo do Efeito da Adição de PP Reciclado nas Propriedades Mecânicas e de Escoamento de Misturas de PP/EPDM. <i>Polimeros</i> , 2013, 23, 389-394.	0.2	9
35	Substituição da fibra de vidro por fibra de bananeira em compósitos de polietileno de alta densidade: parte 1. Avaliação mecânica e térmica. <i>Polimeros</i> , 2013, , 0-0.	0.2	1
36	Propriedades térmicas de compósitos de polipropileno e bentonita organofílica. <i>Polimeros</i> , 2012, 22, 430-435.	0.2	25

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37	Caracteriza��o de fibras de bananeira e de coco por resson��ncia magn��tica nuclear de alta resolu��o no estado s��lido. <i>Polimeros</i> , 2012, 22, 460-466.	0.2	2
38	Syntheses, crystal structure and spectroscopic characterization of bis(dithiocarbimato)zinc(II) complexes: A new class of vulcanization accelerators. <i>Inorganica Chimica Acta</i> , 2012, 383, 194-198.	1.2	12
39	An overview of plastic recycling in Rio de Janeiro. <i>Resources, Conservation and Recycling</i> , 2012, 60, 140-146.	5.3	57
40	Avalia��o do bis(4-metilfenilditiocarbimato)zincato(II) de tetrabutilam��nio como acelerador no processo de vulcaniza��o do elast��mero polibutadieno. <i>Polimeros</i> , 2011, 21, 299-304.	0.2	1
41	Efeito de um novo acelerador de vulcaniza��o nas propriedades reom��tricas de composi��es de borracha nitr��lica com diferentes teores de AN. <i>Polimeros</i> , 2010, 20, 366-370.	0.2	3
42	Processo de organofilha��o de vermiculia brasileira com cloreto de cetiltrimetilam��nio. <i>Ceramica</i> , 2010, 56, 44-48.	0.3	10
43	Meio ambiente, polui��o e reciclagem. <i>Engenharia Sanitaria E Ambiental</i> , 2010, 15, 304-304.	0.1	2
44	Thermal characterization of polypropylene/vermiculite composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 97, 571-575.	2.0	13
45	Characterization of pp/regenerated tire-rubber blends using proton spin-lattice relaxation time. <i>Polymer Testing</i> , 2009, 28, 53-56.	2.3	7
46	Environmental stress cracking behavior of bottle and fiber grade poly(ethylene terephthalate) in contact with aqueous amine solutions. <i>Polymer Engineering and Science</i> , 2008, 48, 1953-1962.	1.5	12
47	Morphological, Thermal and Mechanical Properties of Polypropylene and Vermiculite Blends. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2008, 57, 957-968.	1.8	9
48	Mechanical and Morphological Properties of Polypropylene and Regenerated Tire-Rubber Blends. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2008, 57, 555-568.	1.8	13
49	Properties of LDPE and Aluminum Composite from Recycled Long Life Packaging. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2008, 24, 171-181.	0.8	0
50	Regeneration of Vulcanized Compounds Based on Butadiene-Styrene Copolymer. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2007, 56, 565-578.	1.8	5
51	Comparative techniques for molecular weight evaluation of poly (ethylene terephthalate) (PET). <i>Polymer Testing</i> , 2005, 24, 688-693.	2.3	67
52	Mechanical and fracture characterization of 50:50 HDPE/PET blends presenting different phase morphologies. <i>Polymer Engineering and Science</i> , 2005, 45, 354-363.	1.5	33
53	Avalia��o do programa atua��o respons��vel quanto � aplica��o do c��digo de prote��o ambiental na ind��stria de pl��sticos. <i>Polimeros</i> , 2004, 14, 217-222.	0.2	0
54	Tratamento de res��duos gerados em laborat��rios de pl��sticos: um caso bem sucedido de parceria universidade-empresa. <i>Polimeros</i> , 2003, 13, 14-21.	0.2	2

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55	Comparative study on the lamellar crystal structure of high and low density polyethylenes. Polymer Bulletin, 1997, 38, 707-714.	1.7	19
56	Assessment of plastic lumber production in Brazil as a substitute for natural wood. Environment, Development and Sustainability, 0, , 1.	2.7	0
57	Influence of a Catalyst in Obtaining a Post-consumer Pet-Based Alkyd Resin that Meets Circular Economy Principles. Journal of Polymers and the Environment, 0, , .	2.4	1