

# Elen Beatriz Acordi Vasques Pacheco

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49  
papers

458  
citations

10  
h-index

19  
g-index

58  
ext. papers

564  
ext. citations

2.9  
avg, IF

3.89  
L-index

#	Paper	IF	Citations
49	Anaerobic co-digestion of oil refinery waste activated sludge and food waste. <i>Environmental Technology (United Kingdom)</i> , <b>2021</b> , 1-12	2.6	0
48	A Review on the Applicability of Life Cycle Assessment to Evaluate the Technical and Environmental Properties of Waste Electrical and Electronic Equipment. <i>Journal of Polymers and the Environment</i> , <b>2021</b> , 29, 1333-1349	4.5	6
47	Thermal and flammability properties of polyethylene composites with fibers to replace natural wood. <i>Journal of Reinforced Plastics and Composites</i> , <b>2021</b> , 40, 726-740	2.9	0
46	An overview of plastic straw policies in the Americas. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 172, 112813	6.7	5
45	Rotomolding and polyethylene composites with rotomolded lignocellulosic materials: A review. <i>Journal of Reinforced Plastics and Composites</i> , <b>2020</b> , 39, 459-472	2.9	4
44	Management of cruise ship-generated solid waste: A review. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 151, 110785	6.7	7
43	Efficiency in the environmental management of plastic wastes at Brazilian ports based on data envelopment analysis. <i>Marine Pollution Bulletin</i> , <b>2019</b> , 142, 377-383	6.7	6
42	End-of-Life Tire Destination from a Life Cycle Assessment Perspective <b>2019</b> ,		2
41	Effect of clay amount and reprocessing cycles on thermal, morphological, and mechanical properties of polypropylene/organovermiculite nanocomposites. <i>Polymer Engineering and Science</i> , <b>2019</b> , 59, 2110-2120	2.3	4
40	The Use of Cashew Nut Shell Liquid (CNSL) in PP/HIPS Blends: Morphological, Thermal, Mechanical and Rheological Properties. <i>Materials</i> , <b>2019</b> , 12,	3.5	2
39	Thermomorphological analysis of Al <sub>2</sub> O <sub>3</sub> /HDPE nanocomposites: One approach in function of the processing and vinyltrimethoxysilane (VTMS) content. <i>Polymer Engineering and Science</i> , <b>2019</b> , 59, 1332-1343	2.3	2
38	Evaluation of rheological behavior, anaerobic and thermal degradation, and lifetime prediction of polylactide/poly(butylene adipate-co-terephthalate)/powdered nitrile rubber blends. <i>Polymer Bulletin</i> , <b>2019</b> , 76, 2899-2913	2.4	2
37	Behavior of zinc complex of bis(N-phenylsulfonyldithiocarbamate) as accelerator in the vulcanization of nitrile rubber compounds. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47211	2.9	2
36	Life Cycle Assessment of Polyethylene Terephthalate Packaging: An Overview. <i>Journal of Polymers and the Environment</i> , <b>2019</b> , 27, 533-548	4.5	41
35	Study of time reaction on alkaline pretreatment applied to rice husk on biomass component extraction. <i>Biomass Conversion and Biorefinery</i> , <b>2018</b> , 8, 189-197	2.3	15
34	Sustainable recycling of mooring ropes from decommissioned offshore platforms. <i>Marine Pollution Bulletin</i> , <b>2018</b> , 135, 357-360	6.7	6
33	Permeability, Melt Flow Index, Mechanical, and Morphological Properties of Green HDPE Composites: Effect of Mineral Fillers. <i>Macromolecular Symposia</i> , <b>2018</b> , 381, 1800127	0.8	3

32	Composites Based on Polypropylene and Talc: Processing Procedure and Prediction Behavior by Using Mathematical Models. <i>Advances in Condensed Matter Physics</i> , <b>2018</b> , 2018, 1-8	1	2
31	Tracking resistance of nanocomposites of HDPE and TiO <sub>2</sub> nanoparticles. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , <b>2017</b> , 24, 3515-2521	2.3	3
30	Breakage of sulfur crosslinks in styrene-butadiene rubber by zinc(II) dithiocarbamate derivative. <i>Colloid and Polymer Science</i> , <b>2017</b> , 295, 2041-2050	2.4	7
29	Management of plastic wastes at Brazilian ports and diagnosis of their generation. <i>Marine Pollution Bulletin</i> , <b>2017</b> , 124, 67-73	6.7	13
28	Comparative lifecycle assessment of mango packaging made from a polyethylene/natural fiber-composite and from cardboard material. <i>Journal of Cleaner Production</i> , <b>2016</b> , 139, 1168-1180	10.3	32
27	Study of mechanical and morphological properties of bio-based polyethylene (HDPE) and sponge-gourds ( <i>Luffa-cylindrica</i> ) agroresidue composites <b>2015</b> ,		5
26	Rheological Behavior of Renewable Polyethylene (HDPE) Composites and Sponge Gourd ( <i>Luffa cylindrica</i> ) Residue. <i>International Journal of Polymer Science</i> , <b>2015</b> , 2015, 1-7	2.4	10
25	Syntheses, spectroscopic characterization, crystal structure and natural rubber vulcanization activity of new disulfides derived from sulfonyldithiocarbimates. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1048, 244-251	3.4	7
24	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> , <b>2013</b> , 6,	1.3	1
23	Tannin Treated Water for Use in the Emulsion Polymerization of SBR. <i>Polimeros</i> , <b>2013</b> , 23, 326-330	1.6	2
22	Revisão dos tratamentos químicos da fibra natural para mistura com poliolefinas. <i>Química Nova</i> , <b>2013</b> , 36, 114-122	1.6	26
21	Estudo do Efeito da Adição de PP Reciclado nas Propriedades Mecânicas e de Escoamento de Misturas de PP/EPDM. <i>Polimeros</i> , <b>2013</b> , 23, 389-394	1.6	7
20	An overview of plastic recycling in Rio de Janeiro. <i>Resources, Conservation and Recycling</i> , <b>2012</b> , 60, 140-146.9	4.9	46
19	Propriedades térmicas de compósitos de polipropileno e bentonita organofílica. <i>Polimeros</i> , <b>2012</b> , 22, 430-435	1.6	15
18	Caracterização de fibras de bananeira e de coco por ressonância magnética nuclear de alta resolução no estado sólido. <i>Polimeros</i> , <b>2012</b> , 22, 460-466	1.6	1
17	Syntheses, crystal structure and spectroscopic characterization of bis(dithiocarbimato)zinc(II) complexes: A new class of vulcanization accelerators. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 383, 194-198	2.7	8
16	Avaliação do bis(4-metilfenilditiocarbimato)zincato(II) de tetrabutilamônio como acelerador no processo de vulcanização do elastômero polibutadieno. <i>Polimeros</i> , <b>2011</b> , 21, 299-304	1.6	1
15	Efeito de um novo acelerador de vulcanização nas propriedades reológicas de composições de borracha nitrílica com diferentes teores de AN. <i>Polimeros</i> , <b>2010</b> , 20, 366-370	1.6	2

14	Processo de organofilia de vermiculita brasileira com cloreto de cetiltrimetilamônio. <i>Cerâmica</i> , <b>2010</b> , 56, 44-48	1	9
13	Thermal characterization of polypropylene/vermiculite composites. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2009</b> , 97, 571-575	4.1	10
12	Characterization of pp/regenerated tire-rubber blends using proton spin-lattice relaxation time. <i>Polymer Testing</i> , <b>2009</b> , 28, 53-56	4.5	5
11	Environmental stress cracking behavior of bottle and fiber grade poly(ethylene terephthalate) in contact with aqueous amine solutions. <i>Polymer Engineering and Science</i> , <b>2008</b> , 48, 1953-1962	2.3	9
10	Morphological, Thermal and Mechanical Properties of Polypropylene and Vermiculite Blends. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2008</b> , 57, 957-968	3	8
9	Mechanical and Morphological Properties of Polypropylene and Regenerated Tire-Rubber Blends. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2008</b> , 57, 555-568	3	10
8	Properties of LDPE and Aluminum Composite from Recycled Long Life Packaging. <i>Progress in Rubber, Plastics and Recycling Technology</i> , <b>2008</b> , 24, 171-181	1.7	
7	Regeneration of Vulcanized Compounds Based on Butadiene-Styrene Copolymer. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2007</b> , 56, 565-578	3	5
6	Comparative techniques for molecular weight evaluation of poly (ethylene terephthalate) (PET). <i>Polymer Testing</i> , <b>2005</b> , 24, 688-693	4.5	57
5	Mechanical and fracture characterization of 50:50 HDPE/PET blends presenting different phase morphologies. <i>Polymer Engineering and Science</i> , <b>2005</b> , 45, 354-363	2.3	30
4	Avaliação do programa atual responsável quanto à aplicação do código de proteção ambiental na indústria de plásticos. <i>Polímeros</i> , <b>2004</b> , 14, 217-222	1.6	
3	Tratamento de resíduos gerados em laboratórios de plásticos: um caso bem sucedido de parceria universidade-empresa. <i>Polímeros</i> , <b>2003</b> , 13, 14-21	1.6	
2	Comparative study on the lamellar crystal structure of high and low density polyethylenes. <i>Polymer Bulletin</i> , <b>1997</b> , 38, 707-714	2.4	17
1	Assessment of plastic lumber production in Brazil as a substitute for natural wood. <i>Environment, Development and Sustainability</i> , 1	4.5	