

# Aline Zanchet

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

434  
citations

840776

11  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of styrene butadiene rubber industrial waste devulcanized by microwave in rubber composites for automotive application. <i>Materials &amp; Design</i> , 2012, 39, 437-443.	5.1	93
2	Characterization of natural rubber nanocomposites filled with organoclay as a substitute for silica obtained by the conventional two-roll mill method. <i>Applied Clay Science</i> , 2011, 52, 56-61.	5.2	62
3	Characterization of Microwave-Devulcanized Composites of Ground SBR Scraps. <i>Journal of Elastomers and Plastics</i> , 2009, 41, 497-507.	1.5	48
4	From Devulcanization to Revulcanization: Challenges in Getting Recycled Tire Rubber for Technical Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8755-8765.	6.7	38
5	Grinding and Characterization of Scrap Rubbers Powders. <i>Journal of Elastomers and Plastics</i> , 2008, 40, 147-159.	1.5	25
6	Influence of reversion in compounds containing recycled natural rubber: In search of sustainable processing. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45325.	2.6	25
7	Sugar cane as an alternative green activator to conventional vulcanization additives in natural rubber compounds: Thermal degradation study. <i>Journal of Cleaner Production</i> , 2019, 207, 248-260.	9.3	24
8	Activator from sugar cane as a green alternative to conventional vulcanization additives. <i>Journal of Cleaner Production</i> , 2018, 174, 437-446.	9.3	23
9	Revulcanization Kinetics of Waste Tire Rubber Devulcanized by Microwaves: Challenges in Getting Recycled Tire Rubber for Technical Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15413-15426.	6.7	21
10	Propriedades reom�tricas e mec�nicas e morfologia de comp�sitos desenvolvidos com res�duos elastom�ricos vulcanizados. <i>Polimeros</i> , 2007, 17, 23-27.	0.7	19
11	Caracteriza��o de artefatos elastom�ricos obtidos por revulcaniza��o de res�duo industrial de SBR (copol�mero de butadieno e estireno). <i>Polimeros</i> , 2011, 21, 429-435.	0.7	15
12	Relationship among Vulcanization, Mechanical Properties and Morphology of Blends Containing Recycled EPDM. <i>Recycling</i> , 2017, 2, 16.	5.0	9
13	The Influence of UV-Accelerated Aging Process on Industrial Waste Containing EPDM. <i>Recycling</i> , 2019, 4, 25.	5.0	8
14	Devulcanized EPDM without paraffinic oil in the production of blends as a potential application of the residues from automobile industry. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 273-284.	3.0	8
15	In the Search for Sustainable Processing in Compounds Containing Recycled Natural Rubber: The Role of the Reversion Process. <i>Recycling</i> , 2018, 3, 47.	5.0	6
16	Elastomeric Composites Containing SBR Industrial Scraps Devulcanized by Microwaves: Raw Material, Not a Trash. <i>Recycling</i> , 2020, 5, 3.	5.0	6
17	Experimental and artificial neural network approach for prediction of the thermal degradation behavior of sugarcane-based vulcanization additives in natural rubber compounds. <i>Cleaner Engineering and Technology</i> , 2021, 5, 100303.	4.0	3
18	An�lise da viabilidade do uso de res�duos de cana-de-a�car para produ�o de aglomerantes sustent�veis. <i>Revista Materia</i> , 2021, 26, .	0.2	1