

Wk Dierkes

List of Publications by Year in descending order

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1163117

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364
citing authors

#	ARTICLE	IF	CITATIONS
1	Science and technology of rubber reclamation with special attention to NR-based waste latex products. <i>Progress in Polymer Science</i> , 2006, 31, 811-834.	24.7	155
2	Enhancing the Silanization Reaction of the Silica-Silane System by Different Amines in Model and Practical Silica-Filled Natural Rubber Compounds. <i>Polymers</i> , 2018, 10, 584.	4.5	38
3	Implications of the Use of Silica as Active Filler in Passenger Car Tire Compounds on Their Recycling Options. <i>Materials</i> , 2019, 12, 725.	2.9	25
4	Surface Modification of Fumed Silica by Plasma Polymerization of Acetylene for PP/POE Blends Dielectric Nanocomposites. <i>Polymers</i> , 2019, 11, 1957.	4.5	25
5	The Effect of Silanization Temperature and Time on the Marching Modulus of Silica-Filled Tire Tread Compounds. <i>Polymers</i> , 2020, 12, 209.	4.5	23
6	Upscaling of a Batch De-Vulcanization Process for Ground Car Tire Rubber to a Continuous Process in a Twin Screw Extruder. <i>Materials</i> , 2016, 9, 724.	2.9	18
7	A Novel Approach of Promoting Adhesion of Reinforcing Cord to Elastomers by Plasma Polymerization. <i>Polymers</i> , 2019, 11, 577.	4.5	18
8	Effect of SBR/BR elastomer blend ratio on filler and vulcanization characteristics of silica filled tire tread compounds. <i>Polymer Testing</i> , 2021, 99, 107212.	4.8	18
9	Best Practice for De-Vulcanization of Waste Passenger Car Tire Rubber Granulate Using 2,2'-dibenzamidodiphenyldisulfide as De-Vulcanization Agent in a Twin-Screw Extruder. <i>Polymers</i> , 2021, 13, 1139.	4.5	8
10	PP/PP-HI/silica nanocomposites for HVDC cable insulation: Are silica clusters beneficial for space charge accumulation?. <i>Polymer Testing</i> , 2021, 98, 107186.	4.8	6
11	Defining Key Factors in Carbon Black-Filled NR/BR Compounds for Balancing Aircraft Tire Tread Properties. <i>Journal of Composites Science</i> , 2019, 3, 47.	3.0	4
12	Incorporation of Oligomeric Hydrocarbon Resins for Improving the Properties of Aircraft Tire Retreads. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9834.	2.5	4
13	Improved dynamic performance in flexure mechanisms by overconstraining using viscoelastic material. <i>Precision Engineering</i> , 2020, 63, 115-125.	3.4	3