

Yaolin Zhang

List of Publications by Year in descending order

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19
papers

479
citations

687220

13
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and rheological behavior of highly filled polystyrene with lignin. <i>Polymer Composites</i> , 2012, 33, 353-361.	2.3	65
2	High-density polyethylene foams. I. Polymer and foam characterization. <i>Journal of Applied Polymer Science</i> , 2003, 90, 2111-2119.	1.3	52
3	Dimensional stability of wood-polymer composites. <i>Journal of Applied Polymer Science</i> , 2006, 102, 5085-5094.	1.3	49
4	Effect of fiber treatment on the water absorption and mechanical properties of hemp fiber/polyethylene composites. <i>Journal of Applied Polymer Science</i> , 2013, 127, 942-949.	1.3	46
5	High density polyethylene foams. II. Elastic modulus. <i>Journal of Applied Polymer Science</i> , 2003, 90, 2120-2129.	1.3	36
6	High density polyethylene foams. IV. Flexural and tensile moduli of structural foams. <i>Journal of Applied Polymer Science</i> , 2003, 90, 2139-2149.	1.3	34
7	Effects of raw fiber materials, fiber content, and coupling agent content on selected properties of polyethylene/wood fiber composites. <i>Polymer Engineering and Science</i> , 2007, 47, 1678-1687.	1.5	33
8	Characterization of sugar maple wood-polymer composites: Monomer retention and polymer retention. <i>Holzforschung</i> , 2005, 59, 322-329.	0.9	24
9	Thermal Analysis of Highly Filled Composites of Polystyrene with Lignin. <i>Polymers and Polymer Composites</i> , 2013, 21, 357-366.	1.0	22
10	High density polyethylene foams. III. Tensile properties. <i>Journal of Applied Polymer Science</i> , 2003, 90, 2130-2138.	1.3	21
11	Effect of impregnation and in-situ polymerization of methacrylates on hardness of sugar maple wood. <i>Journal of Applied Polymer Science</i> , 2006, 99, 1674-1683.	1.3	21
12	Polyethylene-Kevlar Composite Foams III: Torsion Properties. <i>Frontiers in Forests and Global Change</i> , 2005, 24, 1-14.	0.6	13
13	Water vapor adsorption and volumetric swelling of melt-impregnated wood-polymer composites. <i>Journal of Applied Polymer Science</i> , 2006, 102, 2668-2676.	1.3	12
14	Wood plastic composites by melt impregnation: Polymer retention and hardness. <i>Journal of Applied Polymer Science</i> , 2006, 102, 1672-1680.	1.3	9
15	Impact of curing condition on pH and alkalinity/acidity of structural wood adhesives. <i>Journal of Applied Polymer Science</i> , 2010, 117, 2888-2898.	1.3	7
16	Polyethylene-Kevlar Composite Foams I: Morphology. <i>Frontiers in Forests and Global Change</i> , 2003, 22, 279-294.	0.6	5
17	Polyethylene-Kevlar Composite Foams II: Mechanical Properties. <i>Frontiers in Forests and Global Change</i> , 2004, 23, 61-76.	0.6	5
18	Evaluation of block shear properties of selected extreme-pH structural adhesives by short-term exposure test. <i>Journal of Applied Polymer Science</i> , 2011, 120, 657-665.	1.3	3

#	ARTICLE	IF	CITATIONS
19	Impact of melt impregnation on the color of woodâ€‘plastic composites. Journal of Applied Polymer Science, 2006, 102, 2149-2157.	1.3	2