Yaolin Zhang

List of Publications by Year
in descending order

19	479	687220 13	752573 20
papers	citations	h-index	g-index

20	20	20	531
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of fiber treatment on the water absorption and mechanical properties of hemp fiber/polyethylene composites. Journal of Applied Polymer Science, 2013, 127, 942-949.	1.3	46
2	Thermal Analysis of Highly Filled Composites of Polystyrene with Lignin. Polymers and Polymer Composites, 2013, 21, 357-366.	1.0	22
3	Mechanical and rheological behavior of highly filled polystyrene with lignin. Polymer Composites, 2012, 33, 353-361.	2.3	65
4	Evaluation of block shear properties of selected extremeâ€pH structural adhesives by shortâ€term exposure test. Journal of Applied Polymer Science, 2011, 120, 657-665.	1.3	3
5	Impact of curing condition on pH and alkalinity/acidity of structural wood adhesives. Journal of Applied Polymer Science, 2010, 117, 2888-2898.	1.3	7
6	Effects of raw fiber materials, fiber content, and coupling agent content on selected properties of polyethylene/wood fiber composites. Polymer Engineering and Science, 2007, 47, 1678-1687.	1.5	33
7	Effect of impregnation and in-situ polymerization of methacrylates on hardness of sugar maple wood. Journal of Applied Polymer Science, 2006, 99, 1674-1683.	1.3	21
8	Dimensional stability of woodâ€“polymer composites. Journal of Applied Polymer Science, 2006, 102, 5085-5094.	1.3	49
9	Water vapor adsorption and volumetric swelling of melt-impregnated woodâ€“polymer composites. Journal of Applied Polymer Science, 2006, 102, 2668-2676.	1.3	12
10	Wood plastic composites by melt impregnation: Polymer retention and hardness. Journal of Applied Polymer Science, 2006, 102, 1672-1680.	1.3	9
11	Impact of melt impregnation on the color of woodâ€“plastic composites. Journal of Applied Polymer Science, 2006, 102, 2149-2157.	1.3	2
12	Polyethylene-Kevlar Composite Foams III: Torsion Properties. Frontiers in Forests and Global Change, 2005, 24, 1-14.	0.6	13
13	Characterization of sugar maple wood-polymer composites: Monomer retention and polymer retention. Holzforschung, 2005, 59, 322-329.	0.9	24
14	Polyethylene-Kevlar Composite Foams II: Mechanical Properties. Frontiers in Forests and Global Change, 2004, 23, 61-76.	0.6	5
15	High-density polyethylene foams. I. Polymer and foam characterization. Journal of Applied Polymer Science, 2003, 90, 2111-2119.	1.3	52
16	High density polyethylene foams. II. Elastic modulus. Journal of Applied Polymer Science, 2003, 90, 2120-2129.	1.3	36
17	High density polyethylene foams. III. Tensile properties. Journal of Applied Polymer Science, 2003, 90, 2130-2138.	1.3	21
18	High density polyethylene foams. IV. Flexural and tensile moduli of structural foams. Journal of Applied Polymer Science, 2003, 90, 2139-2149.	1.3	34

#	ARTICLE	IF	CITATIONS
19	Polyethylene-Kevlar Composite Foams I: Morphology. Frontiers in Forests and Global Change, 2003, 22, 279-294.	0.6	5