

Martin Ansell

List of Publications by Year in descending order

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24
papers

1,354
citations

623574

14
h-index

610775

24
g-index

25
all docs

25
docs citations

25
times ranked

1533
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of alkalization and fibre alignment on the mechanical and thermal properties of kenaf and hemp bast fibre composites: Part 1 – polyester resin matrix. <i>Composites Science and Technology</i> , 2004, 64, 1219-1230.	3.8	544
2	Modified polyester resins for natural fibre composites. <i>Composites Science and Technology</i> , 2005, 65, 525-535.	3.8	223
3	Sol gel graphene/TiO ₂ nanoparticles for the photocatalytic-assisted sensing and abatement of NO ₂ . <i>Applied Catalysis B: Environmental</i> , 2019, 243, 183-194.	10.8	131
4	The effect of alkalization and fibre alignment on the mechanical and thermal properties of kenaf and hemp bast fibre composites: part 2 – cashew nut shell liquid matrix. <i>Composites Science and Technology</i> , 2004, 64, 1231-1238.	3.8	111
5	Density distribution profile for internodes and nodes of <i>Phyllostachys edulis</i> (Moso bamboo) by computer tomography scanning. <i>Construction and Building Materials</i> , 2015, 93, 197-204.	3.2	52
6	Comparative moisture and heat sorption properties of fibre and shiv derived from hemp and flax. <i>Cellulose</i> , 2019, 26, 823-843.	2.4	36
7	Comparative micro-structure and sorption isotherms of rice straw and wheat straw. <i>Energy and Buildings</i> , 2018, 173, 11-18.	3.1	31
8	Behaviour of timber connections using glued-in GFRP rods under fatigue loading. Part II: Moment-resisting connections. <i>Composites Part B: Engineering</i> , 2008, 39, 249-257.	5.9	23
9	Influence of eco-materials on indoor air quality. <i>Green Materials</i> , 2016, 4, 72-80.	1.1	23
10	Fracture toughness of thixotropic and room temperature cured epoxy-based adhesives for in situ timber bonding. <i>International Journal of Adhesion and Adhesives</i> , 2010, 30, 539-549.	1.4	19
11	Specific heat capacity measurement of <i>Phyllostachys edulis</i> (Moso bamboo) by differential scanning calorimetry. <i>Construction and Building Materials</i> , 2016, 125, 821-831.	3.2	19
12	Improvement of Water Resistance of Hemp Woody Substrates through Deposition of Functionalized Silica Hydrophobic Coating, While Retaining Excellent Moisture Buffering Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10151-10161.	3.2	19
13	Wood: A 45th anniversary review of JMS papers. <i>Journal of Materials Science</i> , 2012, 47, 583-598.	1.7	17
14	Structural performance of fibrous plaster. Part 1: Physical and mechanical properties of hessian and glass fibre reinforced gypsum composites. <i>Construction and Building Materials</i> , 2020, 259, 120396.	3.2	16
15	Wood's 45th anniversary review of JMS papers. Part 1: The wood cell wall and mechanical properties. <i>Journal of Materials Science</i> , 2011, 46, 7357-7368.	1.7	15
16	Porosity estimation of <i>Phyllostachys edulis</i> (Moso bamboo) by computed tomography and backscattered electron imaging. <i>Wood Science and Technology</i> , 2017, 51, 11-27.	1.4	15
17	Heat and moisture transfer behaviour in <i>Phyllostachys edulis</i> (Moso bamboo) based panels. <i>Construction and Building Materials</i> , 2018, 166, 35-49.	3.2	13
18	Fatigue in wood-based panels. Part 2: property changes during fatigue cycling of OSB, chipboard and MDF. <i>Wood Science and Technology</i> , 2005, 39, 311-325.	1.4	12

#	ARTICLE	IF	CITATIONS
19	UV / visible sol gel Wâ€“TiO2 photocatalytic coatings for interior building surfaces. Building and Environment, 2021, 205, 108203.	3.0	10
20	Synthesis of Coâ€“TiO2 nanostructured photocatalytic coatings for MDF substrates. Green Materials, 2016, 4, 140-149.	1.1	8
21	Bending properties of finger-jointed Malaysian dark red meranti. International Wood Products Journal, 2019, 10, 49-54.	0.6	5
22	Thermal diffusivity measurement of Phyllostachys edulis (Moso bamboo) by the flash method. Holzforschung, 2017, 71, 349-354.	0.9	4
23	Thermal and hygroscopic expansion characteristics of bamboo. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2018, 171, 463-471.	0.4	4
24	Photocatalytic Lime Render for Indoor and Outdoor Air Quality Improvement. Catalysts, 2021, 11, 296.	1.6	3