

Caroline Baillie

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

855
citations

687363

13
h-index

642732

23
g-index

28
all docs

28
docs citations

28
times ranked

729
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable waste management through eco-entrepreneurship: an empirical study of waste upcycling eco-enterprises in Sri Lanka. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 557-565.	3.0	7
2	Mechanical and thermal characterization of as-received recycled polyethylene filled with rice husk and their relationship to the end use of these composites. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 1463-1472.	1.3	4
3	Engineering Studentsâ€™ Conceptualizations of Sustainability. , 2020, , .		0
4	Assisting engineering students along a liminal pathway and assessing their progress. <i>Australasian Journal of Engineering Education</i> , 2019, 24, 25-34.	1.4	3
5	Banana fiber/low-density polyethylene recycled composites for third world eco-friendly construction applications â€œ Waste for life project Sri Lanka. <i>Journal of Reinforced Plastics and Composites</i> , 2018, 37, 1322-1331.	3.1	14
6	The Garbage Crisis: A Global Challenge for Engineers. <i>Synthesis Lectures on Engineers, Technology, and Society</i> , 2013, 7, 1-155.	0.1	3
7	Waste-based compositesâ€™Poverty reducing solutions to environmental problems. <i>Resources, Conservation and Recycling</i> , 2011, 55, 973-978.	10.8	25
8	Needs and Feasibility: A Guide for Engineers in Community Projects --- The Case of Waste for Life. <i>Synthesis Lectures on Engineers, Technology, and Society</i> , 2010, 5, 1-135.	0.1	13
9	Whose choice is it anyway?. <i>Materials Today</i> , 2009, 12, 6.	14.2	0
10	Engineering and Society: Working Towards Social Justice, Part I: Engineering and Society. <i>Synthesis Lectures on Engineers, Technology, and Society</i> , 2009, 4, 1-114.	0.1	17
11	Developing and characterizing new materials based on waste plastic and agro-fibre. <i>Journal of Materials Science</i> , 2008, 43, 4057-4068.	3.7	23
12	Waste for life. <i>Materials Today</i> , 2008, 11, 6.	14.2	6
13	Special session - increasing awareness of issues of poverty, environmental degradation and war within the engineering classroom: A course modules approach. , 2008, , .		4
14	Influence of fibre extraction method, alkali and silane treatment on the interface of <i>Agave americana</i> waste HDPE composites as possible roof ceilings in Lesotho. <i>Composite Interfaces</i> , 2007, 14, 821-836.	2.3	59
15	Special Session - Not Many Women in Engineering -- So Why Should I Care? Bridging Gender Gaps and Stereotypes. , 2006, , .		1
16	Engineers within a Local and Global Society. <i>Synthesis Lectures on Engineers, Technology, and Society</i> , 2006, 1, 1-76.	0.1	28
17	Eco-Composites. <i>Composites Science and Technology</i> , 2003, 63, 1223-1224.	7.8	26
18	Building knowledge about the interface in composite materials. <i>Materials Research Innovations</i> , 2000, 3, 365-370.	2.3	3

#	ARTICLE	IF	CITATIONS
19	Building Knowledge in Materials Science. Materials Research Society Symposia Proceedings, 2000, 632, 1.	0.1	0
20	Structure and Properties of Bovine Hoof Horn. Advanced Composites Letters, 2000, 9, 096369350000900.	1.3	12
21	Interfacial Pathways in Wood. Advanced Composites Letters, 2000, 9, 096369350000900.	1.3	1
22	A quantitative study of matrix crack propagation in the fragmentation test. Composites Part A: Applied Science and Manufacturing, 1998, 29, 1091-1097.	7.6	4
23	The "Power Test"™: its impact on student learning in a materials science course for engineering students. Assessment and Evaluation in Higher Education, 1997, 22, 33-48.	5.6	34
24	Friction and wear mechanisms of a thermoplastic composite GF/PA6 subjected to different thermal histories. Wear, 1996, 194, 178-184.	3.1	24
25	Fracture Mechanics Analysis of the Fibre Fragmentation Test. Journal of Composite Materials, 1995, 29, 881-902.	2.4	26
26	Interfacial debonding and fibre pull-out stresses. Journal of Materials Science, 1994, 29, 5541-5550.	3.7	30
27	Improving the delamination resistance of CFRP by stitching—a review. Composites Science and Technology, 1994, 50, 305-317.	7.8	472
28	Instability of interfacial debonding during fibre pull-out. Scripta Metallurgica Et Materialia, 1991, 25, 315-320.	1.0	16