Emmanuel E Boakye

List of Publications by Year
in descending order

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16	449	687363 13	940533 16
papers	citations	h-index	g-index

16	16	16	189
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SiC/SiC mini-composites with yttrium disilicate fiber coatings: Oxidation in steam. Journal of the European Ceramic Society, 2021, 41, 3132-3140.	5.7	13
2	In situ Y₂Si₂O₇ coatings on SiC fibers: Thermodynamic analysis and processing. Journal of the American Ceramic Society, 2019, 102, 167-177.	3.8	8
3	In situ Y₂Si₂O₇ coatings on Hiâ€Nicalonâ€S SiC fibers: Phase formation and fiber strength. Journal of the American Ceramic Society, 2019, 102, 5725-5737.	3.8	10
4	Evaluation of SiC/SiC minicomposites with yttrium disilicate fiber coating. Journal of the American Ceramic Society, 2018, 101, 91-102.	3.8	20
5	Processing and Testing of RE₂Si₂O₇ Fiberâ€“Matrix Interphases for SiCâ€“SiC Composites. Journal of the American Ceramic Society, 2016, 99, 415-423.	3.8	23
6	Total Thermal Expansion Coefficients of the Yttrium Silicate Apatite Phase <scp><scp>Y</scp></scp>_{4.69}(<scp><scp>SiO</scp></scp>₄)₃<scp><scp>O</scp></scp>. Journal of the American Ceramic Society, 2014, 97, 28-31.	3.8	18
7	Rare-Earth Disilicates As Oxidation-Resistant Fiber Coatings for Silicon Carbide Ceramic-Matrix Composites. Journal of the American Ceramic Society, 2011, 94, 1716-1724.	3.8	38
8	Precipitation Coating of Monazite on Woven Ceramic Fibers: IIIâ€”Coating without Strength Degradation Using a Phytic Acid Precursor. Journal of the American Ceramic Society, 2010, 93, 420-428.	3.8	13
9	Precipitation Coating of Monazite on Woven Ceramic Fibers: II. Effect of Processing Conditions on Coating Morphology and Strength Retention of Nextelâ„¢610 and 720 Fibers. Journal of the American Ceramic Society, 2008, 91, 1508-1516.	3.8	26
10	Precipitation Coating of Rareâ€Earth Orthophosphates on Woven Ceramic Fibersâ€”Effect of Rareâ€Earth Cation on Coating Morphology and Coated Fiber Strength. Journal of the American Ceramic Society, 2008, 91, 2117-2123.	3.8	13
11	Precipitation Coating of Monazite on Woven Ceramic Fibers: I. Feasibility. Journal of the American Ceramic Society, 2007, 90, 448-455.	3.8	37
12	Fiber Strength Retention of Lanthanum- and Cerium Monazite-Coated Nextelâ„¢ 720. Journal of the American Ceramic Society, 2004, 87, 314-316.	3.8	16
13	Zirconiaâ€“Silicaâ€“Carbon Coatings on Ceramic Fibers. Journal of the American Ceramic Society, 2004, 87, 1967-1976.	3.8	18
14	Effectiveness of Monazite Coatings in Oxide/Oxide Composites after Longâ€Term Exposure at High Temperature. Journal of the American Ceramic Society, 2003, 86, 325-332.	3.8	105
15	Monazite Coatings on Fibers: II, Coating without Strength Degradation. Journal of the American Ceramic Society, 2001, 84, 2793-2801.	3.8	59
16	Evaluation of Porous ZrO₂â€“SiO₂ and Monazite Coatings Using Nextel^{TM} 720â€Fiberâ€Reinforced Blackglasâ„¢ Minicomposites. Journal of the American Ceramic Society, 2001, 84, 1526-1532.	3.8	32