

Emmanuel E Boakye

List of Publications by Year in descending order

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189
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effectiveness of Monazite Coatings in Oxide/Oxide Composites after Long-Term Exposure at High Temperature. <i>Journal of the American Ceramic Society</i> , 2003, 86, 325-332. | 3.8 | 105 |
| 2 | Monazite Coatings on Fibers: II, Coating without Strength Degradation. <i>Journal of the American Ceramic Society</i> , 2001, 84, 2793-2801. | 3.8 | 59 |
| 3 | Rare-Earth Disilicates As Oxidation-Resistant Fiber Coatings for Silicon Carbide Ceramic-Matrix Composites. <i>Journal of the American Ceramic Society</i> , 2011, 94, 1716-1724. | 3.8 | 38 |
| 4 | Precipitation Coating of Monazite on Woven Ceramic Fibers: I. Feasibility. <i>Journal of the American Ceramic Society</i> , 2007, 90, 448-455. | 3.8 | 37 |
| 5 | Evaluation of Porous $ZrO_2 \cdot SiO_2$ and Monazite Coatings Using Nextel TM 720 Fiber-Reinforced Blackglas [®] Minicomposites. <i>Journal of the American Ceramic Society</i> , 2001, 84, 1526-1532. | 3.8 | 32 |
| 6 | Precipitation Coating of Monazite on Woven Ceramic Fibers: II. Effect of Processing Conditions on Coating Morphology and Strength Retention of Nextel [®] 610 and 720 Fibers. <i>Journal of the American Ceramic Society</i> , 2008, 91, 1508-1516. | 3.8 | 26 |
| 7 | Processing and Testing of $RE_2Si_2O_7$ Fiber-Matrix Interphases for SiC-SiC Composites. <i>Journal of the American Ceramic Society</i> , 2016, 99, 415-423. | 3.8 | 23 |
| 8 | Evaluation of SiC/SiC minicomposites with yttrium disilicate fiber coating. <i>Journal of the American Ceramic Society</i> , 2018, 101, 91-102. | 3.8 | 20 |
| 9 | Zirconia-Silica-Carbon Coatings on Ceramic Fibers. <i>Journal of the American Ceramic Society</i> , 2004, 87, 1967-1976. | 3.8 | 18 |
| 10 | Total Thermal Expansion Coefficients of the Yttrium Silicate Apatite Phase $Y_{4.69}(SiO_4)_3O_{10}$. <i>Journal of the American Ceramic Society</i> , 2014, 97, 28-31. | 3.8 | 18 |
| 11 | Fiber Strength Retention of Lanthanum- and Cerium Monazite-Coated Nextel [®] 720. <i>Journal of the American Ceramic Society</i> , 2004, 87, 314-316. | 3.8 | 16 |
| 12 | Precipitation Coating of Rare-Earth Orthophosphates on Woven Ceramic Fibers—Effect of Rare-Earth Cation on Coating Morphology and Coated Fiber Strength. <i>Journal of the American Ceramic Society</i> , 2008, 91, 2117-2123. | 3.8 | 13 |
| 13 | Precipitation Coating of Monazite on Woven Ceramic Fibers: III—Coating without Strength Degradation Using a Phytic Acid Precursor. <i>Journal of the American Ceramic Society</i> , 2010, 93, 420-428. | 3.8 | 13 |
| 14 | SiC/SiC mini-composites with yttrium disilicate fiber coatings: Oxidation in steam. <i>Journal of the European Ceramic Society</i> , 2021, 41, 3132-3140. | 5.7 | 13 |
| 15 | In situ $Y_2Si_2O_7$ coatings on HiNicalon [®] SiC fibers: Phase formation and fiber strength. <i>Journal of the American Ceramic Society</i> , 2019, 102, 5725-5737. | 3.8 | 10 |
| 16 | In situ $Y_2Si_2O_7$ coatings on SiC fibers: Thermodynamic analysis and processing. <i>Journal of the American Ceramic Society</i> , 2019, 102, 167-177. | 3.8 | 8 |