

Enrico Storti

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Phenomenon of Whiskers Formation in Al ₂ O ₃ Refractories. <i>Advanced Engineering Materials</i> , 2022, 24, 2100718.	3.5	9
2	Electrospun fibers as drying additive in cement-bonded alumina castables. <i>International Journal of Applied Ceramic Technology</i> , 2022, 19, 2160-2171.	2.1	1
3	Graphene-Reinforced Carbon-Bonded Coarse-Grained Refractories. <i>Materials</i> , 2022, 15, 186.	2.9	3
4	The interaction of carbon-bonded ceramics with Armco iron. <i>Journal of the European Ceramic Society</i> , 2022, , .	5.7	1
5	Full and Hollow Metal-Ceramic Beads Based on Tantalum and Alumina Produced by Alginate Gelation. <i>Advanced Engineering Materials</i> , 2022, 24, .	3.5	3
6	Metal-Ceramic Beads Based on Niobium and Alumina Produced by Alginate Gelation. <i>Materials</i> , 2021, 14, 5483.	2.9	4
7	Influence of Carbon Nanotubes-Based Coatings on the High-Temperature Compression Strength of Al ₂ O ₃ Foam Filter Structures. <i>Advanced Engineering Materials</i> , 2020, 22, 1900423.	3.5	3
8	Effect of Filter Functional Coating on Detrimental Nonmetallic Inclusions in 42CrMo4 Steel and Its Resulting Mechanical Properties. <i>Advanced Engineering Materials</i> , 2020, 22, 1900540.	3.5	8
9	Filter Coatings Based on Combination of Nanomaterials for Steel Melt Filtration. <i>Advanced Engineering Materials</i> , 2020, 22, 1900457.	3.5	9
10	Alumina castables with addition of fibers produced by electrospinning. <i>Ceramics International</i> , 2020, 46, 16653-16662.	4.8	5
11	Electrospinning of Y ₂ O ₃ - and MgO-stabilized zirconia nanofibers and characterization of the evolving phase composition and morphology during thermal treatment. <i>Ceramics International</i> , 2020, 46, 12001-12008.	4.8	17
12	Carbon-Bonded Alumina Filters Coated by Graphene Oxide for Water Treatment. <i>Materials</i> , 2020, 13, 2006.	2.9	3
13	Synthesis and characterization of calcium zirconate nanofibers produced by electrospinning. <i>Journal of the European Ceramic Society</i> , 2019, 39, 5338-5344.	5.7	7
14	Effect of heat treatment conditions on magnesium borate fibers prepared via electrospinning. <i>Journal of the European Ceramic Society</i> , 2018, 38, 4109-4117.	5.7	9
15	Focused ion beam preparation and microscopy investigation of secondary layer on carbon-bonded alumina filter after steel contact. <i>Ceramics International</i> , 2018, 44, 14502-14509.	4.8	5
16	Nano-functionalization of carbon-bonded alumina using graphene oxide and MWCNTs. <i>Journal of the European Ceramic Society</i> , 2018, 38, 4732-4738.	5.7	12
17	Unique wettability phenomenon of carbon-bonded alumina with advanced nanocoating. <i>Applied Materials Today</i> , 2018, 13, 24-31.	4.3	11
18	Filter Functionalization with Carbon Nanotubes and Alumina Nanosheets for Advanced Steel Filtration. <i>Steel Research International</i> , 2017, 88, 1700142.	1.8	27

#	ARTICLE	IF	CITATIONS
19	Impact of the Roughness of Alumina and Al ₂ O ₃ â€C Substrates on the Adhesion Mechanisms in a Model System. Advanced Engineering Materials, 2017, 19, 1700088.	3.5	14
20	Impact of Nanoengineered Surfaces of Carbonâ€B Bonded Alumina Filters on Steel Cleanliness. Advanced Engineering Materials, 2017, 19, 1700153.	3.5	13
21	Calcium Aluminate Reactive Coatings on Carbonâ€B Bonded Alumina Filters for Clean Steel Approaches. Steel Research International, 2017, 88, 1700247.	1.8	22
22	Short-time performance of MWCNTs-coated Al ₂ O ₃ -C filters in a steel melt. Journal of the European Ceramic Society, 2016, 36, 857-866.	5.7	19
23	Functional Coatings on Carbonâ€B Bonded Ceramic Foam Filters for Steel Melt Filtration. Steel Research International, 2016, 87, 1030-1037.	1.8	14
24	Preparation and morphology of magnesium borate fibers via electrospinning. Journal of the European Ceramic Society, 2016, 36, 2593-2599.	5.7	13
25	Development of multi-walled carbon nanotubes-based coatings on carbon-bonded alumina filters for steel melt filtration. Journal of the European Ceramic Society, 2015, 35, 1569-1580.	5.7	35
26	Advanced Ceramics from Pre-ceramic Polymers Modified at the Nano-Scale: A Review. Materials, 2014, 7, 1927-1956.	2.9	131
27	Residual properties of carbonâ€B bonded alumina foam filter coated with carbonâ€B containing calcium aluminate after contact with steel melt. Advanced Engineering Materials, 0, , 2100642.	3.5	0