

Joseph Cesarano

List of Publications by Year in descending order

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18
papers

3,103
citations

516215

16
h-index

887659

17
g-index

18
all docs

18
docs citations

18
times ranked

2579
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Ink Writing of Three-Dimensional Ceramic Structures. <i>Journal of the American Ceramic Society</i> , 2006, 89, 3599-3609.	1.9	631
2	Stability of Aqueous α -Al ₂ O ₃ Suspensions with Poly(methacrylic acid) Polyelectrolyte. <i>Journal of the American Ceramic Society</i> , 1988, 71, 250-255.	1.9	571
3	Colloidal Inks for Directed Assembly of 3-D Periodic Structures. <i>Langmuir</i> , 2002, 18, 5429-5437.	1.6	561
4	Processing of Highly Concentrated Aqueous α -Alumina Suspensions Stabilized with Polyelectrolytes. <i>Journal of the American Ceramic Society</i> , 1988, 71, 1062-1067.	1.9	443
5	Advanced Support Structures for Enhanced Catalytic Activity. <i>Industrial & Engineering Chemistry Research</i> , 2004, 43, 51-55.	1.8	109
6	A Review of Robocasting Technology. <i>Materials Research Society Symposia Proceedings</i> , 1998, 542, 133.	0.1	105
7	Direct-Write Fabrication of Pb(Nb,Zr,Ti)O ₃ Devices: Influence of Paste Rheology on Print Morphology and Component Properties. <i>Journal of the American Ceramic Society</i> , 2001, 84, 2462-2468.	1.9	103
8	Solid Freeform Fabrication of Aqueous Alumina-Poly(vinyl alcohol) Gelcasting Suspensions. <i>Journal of the American Ceramic Society</i> , 2000, 83, 2409-2416.	1.9	86
9	Robotic deposition of model hydroxyapatite scaffolds with multiple architectures and multiscale porosity for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 82A, 383-394.	2.1	84
10	Control of the viscous behavior of highly concentrated mullite suspensions for robocasting. <i>Journal of Materials Processing Technology</i> , 2003, 142, 318-325.	3.1	77
11	Piezoelectric properties of 3- χ -periodic Pb(Zr _x Ti _{1-x})O ₃ -polymer composites. <i>Journal of Applied Physics</i> , 2002, 92, 6119-6127.	1.1	71
12	Robocast Pb(Zr _{0.95} Ti _{0.05})O ₃ Ceramic Monoliths and Composites. <i>Journal of the American Ceramic Society</i> , 2001, 84, 872-874.	1.9	70
13	Customization of Load-Bearing Hydroxyapatite Lattice Scaffolds. <i>International Journal of Applied Ceramic Technology</i> , 2005, 2, 212-220.	1.1	69
14	Directed Colloidal Assembly of Linear and Annular Lead Zirconate Titanate Arrays. <i>Journal of the American Ceramic Society</i> , 2004, 87, 293-295.	1.9	53
15	Monolithic Supports with Unique Geometries and Enhanced Mass Transfer. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 302-308.	1.8	37
16	Directed Aerosol Writing of Ordered Silica Nanostructures on Arbitrary Surfaces with Self-Assembling Inks. <i>Small</i> , 2008, 4, 982-989.	5.2	31
17	Materials for Freeform Fabrication of GHz Tunable Dielectric Photonic Crystals. <i>Materials Research Society Symposia Proceedings</i> , 2002, 758, 161.	0.1	2
18	Incorporation of Colloidal PbSe Quantum Dots into 2-D Photonic Crystal Structures. <i>Materials Research Society Symposia Proceedings</i> , 2006, 939, 1.	0.1	0