

Joseph Cesarano

List of Publications by Citations

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18
papers

2,565
citations

16
h-index

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g-index

18
ext. papers

2,806
ext. citations

4.3
avg, IF

4.6
L-index

#	Paper	IF	Citations
18	Stability of Aqueous Al_2O_3 Suspensions with Poly(methacrylic acid) Polyelectrolyte. <i>Journal of the American Ceramic Society</i> , 1988 , 71, 250-255	3.8	506
17	Direct Ink Writing of Three-Dimensional Ceramic Structures. <i>Journal of the American Ceramic Society</i> , 2006 , 89, 3599-3609	3.8	482
16	Colloidal Inks for Directed Assembly of 3-D Periodic Structures. <i>Langmuir</i> , 2002 , 18, 5429-5437	4	453
15	Processing of Highly Concentrated Aqueous Al Alumina Suspensions Stabilized with Polyelectrolytes. <i>Journal of the American Ceramic Society</i> , 1988 , 71, 1062-1067	3.8	390
14	Direct-Write Fabrication of $\text{Pb}(\text{Nb,Zr,Ti})\text{O}_3$ Devices: Influence of Paste Rheology on Print Morphology and Component Properties. <i>Journal of the American Ceramic Society</i> , 2001 , 84, 2462-2468	3.8	82
13	Advanced Support Structures for Enhanced Catalytic Activity. <i>Industrial & Engineering Chemistry Research</i> , 2004 , 43, 51-55	3.9	79
12	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 , 82, 383-94	5.4	74
11	Solid Freeform Fabrication of Aqueous Alumina/Poly(vinyl alcohol) Gelcasting Suspensions. <i>Journal of the American Ceramic Society</i> , 2004 , 83, 2409-2416	3.8	74
10	A Review of Robocasting Technology. <i>Materials Research Society Symposia Proceedings</i> , 1998 , 542, 133		73
9	Control of the viscous behavior of highly concentrated mullite suspensions for robocasting. <i>Journal of Materials Processing Technology</i> , 2003 , 142, 318-325	5.3	63
8	Piezoelectric properties of 3-X periodic $\text{Pb}(\text{Zr}_x\text{Ti}_{1-x})\text{O}_3$ polymer composites. <i>Journal of Applied Physics</i> , 2002 , 92, 6119-6127	2.5	61
7	Customization of Load-Bearing Hydroxyapatite Lattice Scaffolds. <i>International Journal of Applied Ceramic Technology</i> , 2005 , 2, 212-220	2	59
6	Robocast $\text{Pb}(\text{Zr}_{0.95}\text{Ti}_{0.05})\text{O}_3$ Ceramic Monoliths and Composites. <i>Journal of the American Ceramic Society</i> , 2001 , 84, 872-874	3.8	58
5	Directed Colloidal Assembly of Linear and Annular Lead Zirconate Titanate Arrays. <i>Journal of the American Ceramic Society</i> , 2004 , 87, 293-295	3.8	46
4	Monolithic Supports with Unique Geometries and Enhanced Mass Transfer. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 302-308	3.9	33
3	Directed aerosol writing of ordered silica nanostructures on arbitrary surfaces with self-assembling inks. <i>Small</i> , 2008 , 4, 982-9	11	30
2	Materials for Freeform Fabrication of GHz Tunable Dielectric Photonic Crystals. <i>Materials Research Society Symposia Proceedings</i> , 2002 , 758, 161		2

- 1 Incorporation of Colloidal PbSe Quantum Dots into 2-D Photonic Crystal Structures. *Materials Research Society Symposia Proceedings*, **2006**, 939, 1