

Joseph Cesarano

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

2,565
citations

16
h-index

18
g-index

18
ext. papers

2,806
ext. citations

4.3
avg, IF

4.6
L-index

#	Paper	IF	Citations
18	Directed aerosol writing of ordered silica nanostructures on arbitrary surfaces with self-assembling inks. <i>Small</i> , 2008 , 4, 982-9	11	30
17	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
16	Incorporation of Colloidal PbSe Quantum Dots into 2-D Photonic Crystal Structures. <i>Materials Research Society Symposia Proceedings</i> , 2006 , 939, 1		
15	Direct Ink Writing of Three-Dimensional Ceramic Structures. <i>Journal of the American Ceramic Society</i> , 2006 , 89, 3599-3609	3.8	482
14	Monolithic Supports with Unique Geometries and Enhanced Mass Transfer. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 302-308	3.9	33
13	Customization of Load-Bearing Hydroxyapatite Lattice Scaffolds. <i>International Journal of Applied Ceramic Technology</i> , 2005 , 2, 212-220	2	59
12	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
11	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
10	Advanced Support Structures for Enhanced Catalytic Activity. <i>Industrial & Engineering Chemistry Research</i> , 2004 , 43, 51-55	3.9	79
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 Pb(Zr _x Ti _{1-x})O ₃ /polymer composites. <i>Journal of Applied Physics</i> , 2002 , 92, 6119-6127	2.5	61
7	Materials for Freeform Fabrication of GHz Tunable Dielectric Photonic Crystals. <i>Materials Research Society Symposia Proceedings</i> , 2002 , 758, 161		2
6	Colloidal Inks for Directed Assembly of 3-D Periodic Structures. <i>Langmuir</i> , 2002 , 18, 5429-5437	4	453
5	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	3.8	58
4	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	3.8	82
3	A Review of Robocasting Technology. <i>Materials Research Society Symposia Proceedings</i> , 1998 , 542, 133		73
2	Processing of Highly Concentrated Aqueous γ -Alumina Suspensions Stabilized with Polyelectrolytes. <i>Journal of the American Ceramic Society</i> , 1988 , 71, 1062-1067	3.8	390

- 1 Stability of Aqueous Al_2O_3 Suspensions with Poly(methacrylic acid) Polyelectrolyte. *Journal of the American Ceramic Society*, **1988**, 71, 250-255 3.8 506