

# Thomas E Twardowski

## List of Publications by Year in descending order

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15  
papers

506  
citations

1162367

8  
h-index

1199166

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

686  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-based senior chemical engineering laboratory course. , 2008, , .		0
2	Spoken polymer. , 2008, , .		0
3	Type I Collagen and Collagen Mimetics as Angiogenesis Promoting Superpolymers. Current Pharmaceutical Design, 2007, 13, 3608-3621.	0.9	105
4	Effect of Substrate Roughness on Splating Behavior of HVOF Sprayed Polymer Particles: Modeling and Experiments. Journal of Thermal Spray Technology, 2006, 15, 725-730.	1.6	29
5	Effect of Reinforcement Size on the Scratch Resistance and Crystallinity of HVOF Sprayed Nylon-11/Ceramic Composite Coatings. Journal of Thermal Spray Technology, 2006, 15, 731-738.	1.6	7
6	Processing Considerations for Salicylic Acid-Based Polymers. , 2003, , .		0
7	Nylon 11/silica nanocomposite coatings applied by the HVOF process. I. Microstructure and morphology. Journal of Applied Polymer Science, 2000, 77, 1684-1699.	1.3	50
8	Nylon 11/silica nanocomposite coatings applied by the HVOF process. II. Mechanical and barrier properties. Journal of Applied Polymer Science, 2000, 78, 2272-2289.	1.3	107
9	Design of Peptides with High Affinities for Heparin and Endothelial Cell Proteoglycans. Journal of Biological Chemistry, 2000, 275, 7701-7707.	1.6	92
10	Curing in Thick Composite Laminates: Experiment and Simulation. Journal of Composite Materials, 1993, 27, 216-250.	1.2	76
11	Elastic contributions from chain entangling and chemical cross-links in elastomer networks in the small-strain limit. Macromolecules, 1991, 24, 5769-5771.	2.2	11
12	Highly fluorinated epoxy resin. II. Behavior in blend applications. Journal of Applied Polymer Science, 1991, 42, 69-74.	1.3	8
13	A highly fluorinated epoxy resin. III. Behavior in composite and fiber-coating applications. Journal of Applied Polymer Science, 1991, 42, 1721-1726.	1.3	6
14	The localization model of rubber elasticity and the stress-strain behavior of a network formed by cross-linking a deformed melt. Polymer Bulletin, 1989, 21, 393-400.	1.7	8
15	The localization model of rubber elasticity and the deformation of a network formed by cross-linking a strained melt. Polymer Bulletin, 1988, 20, 305.	1.7	7