

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