

# Andras Suplicz

## List of Publications by Citations

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**Version:** 2024-04-23

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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.

16  
papers

168  
citations

8  
h-index

12  
g-index

17  
ext. papers

209  
ext. citations

3.5  
avg, IF

3  
L-index

#	Paper	IF	Citations
16	Thermal simulations and measurements for rapid tool inserts in injection molding applications. <i>Applied Thermal Engineering</i> , <b>2015</b> , 85, 44-51	5.8	28
15	Thermal and mechanical analysis of injection moulded poly(lactic acid) filled with poly(ethylene glycol) and talc. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2014</b> , 118, 1419-1430	4.1	28
14	Injection molding of ceramic filled polypropylene: The effect of thermal conductivity and cooling rate on crystallinity. <i>Thermochimica Acta</i> , <b>2013</b> , 574, 145-150	2.9	24
13	Thermally conductive polymer compounds for injection moulding: The synergetic effect of hexagonal boron-nitride and talc. <i>Journal of Reinforced Plastics and Composites</i> , <b>2013</b> , 32, 1234-1240	2.9	18
12	Enhanced Injection Molding Simulation of Advanced Injection Molds. <i>Polymers</i> , <b>2017</b> , 9,	4.5	17
11	Methodology development for through-plane thermal conductivity prediction of composites. <i>International Journal of Thermal Sciences</i> , <b>2016</b> , 100, 54-59	4.1	13
10	Development of a novel color inhomogeneity test method for injection molded parts. <i>Polymer Testing</i> , <b>2014</b> , 37, 112-116	4.5	11
9	Evaluation of measured and calculated thermal parameters of a photopolymer. <i>International Communications in Heat and Mass Transfer</i> , <b>2011</b> , 38, 863-867	5.8	8
8	The Effect of the Parameters of T-RTM on the Properties of Polyamide 6 Prepared by in Situ Polymerization. <i>Materials</i> , <b>2019</b> , 13,	3.5	7
7	Development of Thermally Conductive Polymer Materials and their Investigation. <i>Materials Science Forum</i> , <b>2012</b> , 729, 80-84	0.4	6
6	The analysis of injection molding defects caused by gate vestiges. <i>EXPRESS Polymer Letters</i> , <b>2015</b> , 9, 394-400	3.4	3
5	In-situ monitoring of deformation in rapid prototyped injection molds. <i>Additive Manufacturing</i> , <b>2021</b> , 42, 102001	6.1	3
4	Investigation of the interfacial adhesion of glass bead-filled multicomponent injection moulded composites. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 903, 012049	0.4	1
3	Modeling the Thermal Conductivity Inhomogeneities of Injection-Molded Particle-Filled Composites, Caused by Segregation. <i>Polymers</i> , <b>2019</b> , 11,	4.5	1
2	The effect of titanium dioxide on the moisture absorption of polyamide 6 prepared by T-RTM. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 903, 012009	0.4	0
1	Development of injection molding simulation algorithms that take into account segregation. <i>Powder Technology</i> , <b>2021</b> , 389, 368-375	5.2	0