Web	of Scie	ence™ InCites™	Journal	Citation Reports ®	Essential Scienc	e Indicators SM	EndNote™		Sign In 🔻 🕴	lelp English 🗸	•
W	/EE	B OF SC	IEN(CE™					THOMSO		
Sea	arch	Return to S	earch Res	ults				My Tools 🔻	Search History	Marked List	
Cit (from From	m Web m: Ind	References: 4 of Science Core Colle ividualized producti	1 ection) on in die-bi	ased manufacturin	g processes usir	ıg numerical op	timization Mo r	re	Page	1 of 2	
	Select	Page 🗗	\checkmark	Save to EndNo	te online	Add to Mar	ked List				
	1.	Optimal design By: Esparza, CE; COMPUTATIONA	of gating Guerrero-M L MATERIA	ata, MP; Rios-Me	adient search i rcado, RZ olume: 36 Issue	nethods : 4 Pages: 457	7-467 Published	d: JUL 2006	Find Ro Times ((from W Collectio	elated Records	; > 'e
	2.	Full Text from I Optimal design By: Smith, DE; Tor COMPUTER MET Published: DEC	for polyn torelli, DA; HODS IN / 21 1998	View Abstrac	t art I: Sensitivit	ty analysis fo NEERING Vo	or nonlinear st lume: 167 Issue	teady-state systen e: 3-4 Pages: 283-3	ns Times ((from W 02 Collectio	Lited: 40 Teb of Science Cord n)	e
		Full Text from I	Publisher	View Abstrac	t						
	3.	Optimization of By: Yilmaz, Oktay FIBERS AND POL	a Profile Gunes, Ha YMERS	Extrusion Die f asan; Kirkkopru, K Volume: 15 Issue	or Flow Balanc adir : 4 Pages: 753-	ce 761 Published	i: APR 2014		Times ((from W Collectio	Sited: 3 Teb of Science Cord m)	e
		Full Text from I	Publisher	View Abstrac	t						
	4.	Experimental vo a high-pressure By: Zamora, Rose INTERNATIONAL 266-276 Publishe	erification die casti endo; Faura JOURNAL ed: 2007	n of numerical p ing machine I, Felix; Lopez, Joa OF ADVANCED I	redictions for aquin; et al. MANUFACTURIN	the optimum	plunger spee	ad in the slow phase 3 Issue: 3-4 Pages	Se of Times ((from W Collectio	Lited: 6 leb of Science Core n)	е
		Full Text from I	Publisher	View Abstrac	t						
	5.	Flow balancing By: Nobrega, JM; INTERNATIONAL View Abstract	in extrus Carneiro, C POLYMER	ion dies for the DS; Pinho, FT; et a PROCESSING	rmoplastic pro I. Volume: 19 Issu	files - Part Ill ue: 3 Pages: 2	: Experimenta 25-235 Publish	al assessment	Times ((from W Collectio	Lited: 20 leb of Science Core n)	е
	6.	A LEVEL SET A By: SUSSMAN, M JOURNAL OF CO	PPROAC I; SMEREK	H FOR COMPU A, P; OSHER, S DNAL PHYSICS	TING SOLUTIC	DNS TO INCO	MPRESSIBLE	E 2-PHASE FLOW	Times ((from W Collectio	Lited: 1,907 Teb of Science Core n)	'e
		Full Text from I	Publisher	View Abstrac	t	-					
	7.	LIPSCHITZIAN By: JONES, DR; F JOURNAL OF OP 1993	optimiza Perttune Timizatio	TION WITHOUT	T THE LIPSCHI AN, BE APPLICATIONS	TZ CONSTAN Volume: 79	NT ssue: 1 Pages:	: 157-181 Published	Times ((from W I: OCT Collectio	Sited: 572 <i>eb of Science Cord</i> <i>n)</i>	е
		View Abstract									
	8.	Integrated optin By: Kong, L. X.; Si JOURNAL OF MA 26 2008	mization s he, F. H.; G TERIALS F	aystem for high ao, W. M.; et al. PROCESSING TE	pressure die c CHNOLOGY Vo	asting proce	sses sue: 1-3 Pages:	: 629-634 Published	Times ((from W : MAY Collectio	>ited: 17 eb of Science Cord n)	е

		View Abstract		
	9.	Computer aided rheological design of extrusion dies for profiles By: Carneiro, OS; Nobrega, JM; Pinho, FT; et al. JOURNAL OF MATERIALS PROCESSING TECHNOLOGY Volume: 114 Issue: 1 Pages: 7 2001	Times Cited: 24 (from Web of Science Core Collection)	
		Full Text from Publisher View Abstract		
	10.	 Design and optimisation of runner and gating systems for the die casting of thir telecommunication parts through numerical simulation By: Hu, BH; Tong, KK; Niu, XP; et al. JOURNAL OF MATERIALS PROCESSING TECHNOLOGY Volume: 105 Issue: 1-2 Pages 7 2000 View Abstract 	Times Cited: 40 (from Web of Science Core Collection)	
	11.	Towards shape optimization of profile extrusion dies with respect to homogeneous By: Pauli, L.; Behr, M.; Elgeti, S. JOURNAL OF NON-NEWTONIAN FLUID MECHANICS Volume: 200 Special Issue: SI Page OCT 2013	Times Cited: 3 (from Web of Science Core Collection)	
		Full Text from Publisher View Abstract		
	12.	2. Design of complex profile extrusion dies through numerical modeling By: Goncalves, N. D.; Carneiro, O. S.; Nobrega, J. M. JOURNAL OF NON-NEWTONIAN FLUID MECHANICS Volume: 200 Special Issue: SI Pag OCT 2013	ges: 103-110 Published:	Times Cited: 6 (from Web of Science Core Collection)
		Full Text from Publisher View Abstract		
	13.	3. Some variants of the controlled random search algorithm for global optimization By: Kaelo, P.; Ali, M. M. JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS Volume: 130 Issue: 2 Page AUG 2006	Times Cited: 31 (from Web of Science Core Collection)	
		Full Text from Publisher View Abstract		
	14.	 Optimization-driven design of dies for profile extrusion: Parameterization, strate By: Ettinger, H. J.; Pittman, J. F. T.; Sienz, J. POLYMER ENGINEERING AND SCIENCE Volume: 53 Issue: 1 Pages: 189-203 Publishe View Abstract 	gy, and performance ed: JAN 2013	Times Cited: 2 (from Web of Science Core Collection)
0	15.	 An Innovative Method of Die Design and Evaluation of Flow Balance for Thermo Profiles By: Zolfaghari, Abbas; Behravesh, Amir Hossein; Shakouri, Ehsan; et al. POLYMER ENGINEERING AND SCIENCE Volume: 49 Issue: 9 Pages: 1793-1799 Publis View Abstract 	Times Cited: 9 (from Web of Science Core Collection)	
	16.	 Parameterization and optimization strategies for the automated design of uPVC By: Ettinger, HJ; Sienz, J; Pittman, JFT; et al. STRUCTURAL AND MULTIDISCIPLINARY OPTIMIZATION Volume: 28 Issue: 2-3 Pages: 2004 	Times Cited: 20 (from Web of Science Core Collection)	
		Full Text from Publisher View Abstract		
	17.	 Title: [not available] By: Behr, M. Stabilized finite element methods for incompressible flows with emphasis on moving boundarie interfaces Published: 1992 Publisher: University of Minnesota, Department of Aerospace Engineering and Mechanics 	⊧s and	Times Cited: 22 (from Web of Science Core Collection)
	18.	 Title: [not available] Edited by: Brecher, C. Integrative Production Technology for High-Wage Countries Published: 2012 Publisher: Springer, Berlin 	Times Cited: 23 (from Web of Science Core Collection)	

19. Numerical simulation of extrusion process and die design for industrial profile, using multimode

Times Cited: 4

	pom-pom model By: Debbaut, B.; Marchal, T. PLASTICS RUBBER AND COMPOSITES Volume: 37 Issue: 2-4 Pages: 142-150 Published: MAY 2008	(from Web of Science Core Collection)
	View Abstract	
20.	Numerical shape optimization as an approach to extrusion die design By: Elgeti, S.; Probst, M.; Windeck, C.; et al. FINITE ELEMENTS IN ANALYSIS AND DESIGN Volume: 61 Pages: 35-43 Published: NOV 2012	Times Cited: 3 (from Web of Science Core Collection)
	Full Text from Publisher View Abstract	
21.	THIRTY YEARS OF CASTING PROCESS SIMULATION By: Flender, E.; Sturm, J. INTERNATIONAL JOURNAL OF METALCASTING Volume: 4 Issue: 2 Pages: 7-23 Published: SPR 2010	Times Cited: 2 (from Web of Science Core Collection)
	View Abstract	
22.	Evaluating Derivatives: Principles and Techniques of Algorithmic Differentiation, Second Edition By: Griewank, A; Walther, A EVALUATING DERIVATIVES: PRINCIPLES AND TECHNIQUES OF ALGORITHMIC DIFFERENTIATION, SECOND EDITION Book Series: Other Titles in Applied Mathematics Volume: 105 Pages: 1-438 Published: 2008 Publisher: SIAM, 3600 UNIV CITY SCIENCE CENTER, PHILADELPHIA, PA 19104-2688 USA	Times Cited: 281 (from Web of Science Core Collection)
23.	Computational optimisation of plunger movement during slow shot phase in high pressure diecasting By: Hilbinger, M; Koepf, J; Rbner, V; et al. Foundry Trade Journal International Volume: 186 Issue: 3699 Pages: 291-294 Published: 2012 [Show additional data]	Times Cited: 1 (from Web of Science Core Collection)
24.	Improving the automated optimization of profile extrusion dies by applying appropriate optimization areas and strategies By: Hopmann, Ch; Windeck, C.; Kurth, K.; et al. Edited by: Alstadt, V PROCEEDINGS OF PPS-29: THE 29TH INTERNATIONAL CONFERENCE OF THE POLYMER - CONFERENCE PAPERS Book Series: AIP Conference Proceedings Volume: 1593 Pages: 587-591 Published: 2014	Times Cited: 1 (from Web of Science Core Collection)
25.	Title: [not available] By: Johnson, S. G. The NLopt nonlinear-optimization package Published: 2011 URL: http://ab-initio.mit.edu/nlopt	Times Cited: 11 (from Web of Science Core Collection)
26.	Optimal shape design for metal forming problems by the finite element method By: Lotfi, A. PAMM Volume: 5 Issue: 1 Pages: 429-430 Published: 2005	Times Cited: 2 (from Web of Science Core Collection)
27.	Title: [not available] By: Michaeli, W. Extrusion Dies for Plastics and Rubber Published: 2003 Publisher: Hanser Gardner Publications, Munich	Times Cited: 38 (from Web of Science Core Collection)
28.	Towards shape optimization of extrusion dies using finite elements By: Michaeli, W; Behr, M; Nicolai, M; et al. J Plastics Technol Volume: 5 Pages: 411-427 Published: 2009 [Show additional data]	Times Cited: 1 (from Web of Science Core Collection)
29.	Automatic optimisation of extrusion dies By: Michaeli, W; Schmitz, T; Baranowski, T; et al. POL PROC SOC 23 ANN Published: 2007 [Show additional data]	Times Cited: 2 (from Web of Science Core Collection)
30.	Title: [not available] By: Nicolai, M. Shape Optimization for Fluids Using T-Splines for Shape Representation and Stabilized Finite Elements for the Fluid Flow Simulations Published: 2012 Publisher: Verlag Dr Hut	Times Cited: 1 (from Web of Science Core Collection)

Select Page	Save to	EndNote online	Add to Marked List	
			Page 1 of 2	
© 2016 THOMSON REUTERS	TERMS OF USE	PRIVACY POLICY	FEEDBACK	