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### Cited References

Title: **Modelling and simulation of A segregates in steel castings using thermal criterion function Part II - Optimisation of real industrial cast part**

Author(s): **Kotas, P. ; Hattel, J. H.**

Source: **MATERIALS SCIENCE AND TECHNOLOGY** Volume: **28** Issue: **8** Pages: **911-917** DOI: **10.1179/1743284712Y.0000000026** Published: **AUG 2012**

References: 22

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1. Title: [not available]  
Author(s): Beeley, P.  
Source: Foundry technology Published: 2001  
Publisher: Butterworth-Heinemann; Oxford  
Times Cited: 14 (from Web of Science)

2. Title: [not available]  
Author(s): Deb, K.  
Source: Multi-objective optimization using evolutionary algorithms Published: 2001  
Publisher: Wiley; Chichester, UK  
Times Cited: 2,858 (from Web of Science)

3. Title: **Modeling of high temperature- and diffusion-controlled die soldering in aluminum high pressure die casting**  
Author(s): Domkin, K.; Hattel, J. H.; Thorborg, J.  
Source: JOURNAL OF MATERIALS PROCESSING TECHNOLOGY Volume: 209 Issue: 8 Pages: 4051-4061 DOI: 10.1016/j.jmatprotec.2008.09.031 Published: APR 21 2009  
Times Cited: 5 (from Web of Science)

4. Title: **Optimal design of gating systems by gradient search methods**  
Author(s): Esparza, CE; Guerrero-Mata, MP; Rios-Mercado, RZ  
Source: COMPUTATIONAL MATERIALS SCIENCE Volume: 36 Issue: 4 Pages: 457-467 DOI: 10.1016/j.commatsci.2005.05.009 Published: JUL 2006  
Times Cited: 9 (from Web of Science)

5. Title: **Thirty years of casting process simulation**  
Author(s): Flender, E.; Sturm, J.  
Source: Int. J. Metalcast. Volume: 10 Pages: 7-23 Published: 2010  
Times Cited: 1 (from Web of Science)


6. Title: [not available]  
Author(s): Goldberg, D.E.

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7. Title: **Automatic computerized optimization in the die casting processes**  
Author(s): Hahn, I.; Hartmann, G.  
Source: Cast. Plant Technol. Volume: 24 Issue: 4 Pages: 2-14 Published: 2008  
Times Cited: 2 (from Web of Science)

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8. Title: **Integrated design of steel castings: case studies**  
Author(s): Hardin, R. A.; Beckermann, C.  
Conference: **Proc. 63rd SFSA Technical and Operating Conf.** Location: **Chicago, IL, USA** Date: **December, 2009**  
Sponsor(s): **Steel Founders' Society of America**  
Times Cited: 1 (from Web of Science)

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9. Title: [not available]  
Author(s): Kokot, V.; Bernbeck, P.  
Conference: **Proc. Int. Conf. on 'Modelling of casting, welding and advanced solidification processes', Proc. Conf. MCWASP X** Location: **Destin, FL, USA** Date: **May, 2003**  
Sponsor(s): **TMS**  
Times Cited: 3 (from Web of Science)

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10. Title: **Multi-objective optimal gating and riser design for metal-casting**  
Author(s): Kor, J.; Chen, X.; Hu, H.  
Conference: **Proc. 2009 IEEE Int. Symp. on 'Intelligent control', Part of 2009 IEEE Multi-conference on Systems and Control** Location: **Saint Petersburg, Russia** Date: **July, 2009**  
Sponsor(s): **IEEE**  
Times Cited: 1 (from Web of Science)

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11. Title: **A CASTING YIELD OPTIMIZATION CASE STUDY: FORGING RAM**  
Author(s): Kotas, P.; Tutum, C.; Hattel, J.; et al.  
Source: INTERNATIONAL JOURNAL OF METALCASTING Volume: 4 Issue: 4 Pages: 61-76 Published: **FAL 2010**  
Times Cited: 1 (from Web of Science)

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12. Title: [not available]  
Author(s): Kotas, P.  
Source: Integrated Modeling of Process, Structures and performance in Cast Parts Published: 2011  
Publisher: Technical University of Denmark; Kgs. Lyngby, Denmark  
Times Cited: 1 (from Web of Science)

Find it 

13. Title: [not available]  
Author(s): Kotas, P.; Tutum, C. C.; Thorborg, J.; et al.  
Source: Metall. Mater. Trans. B DOI: **10.1007/S11663Z-011-9617-Z**  
Times Cited: 1 (from Web of Science)  
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14. Title: [not available]  
Author(s): Kotas, P.  
Source: Numerical optimization of die filling and of high-pressure die cast deformation Published: 2007  
Publisher: Technical University of Denmark; Kgs. Lyngby, Denmark  
Times Cited: 1 (from Web of Science)

Find it 

15. Title: **Autonomous optimization of a solidification pattern and its effect on porosity and segregation in steel castings**  
Author(s): Kotas, P.; Tutum, C. C.; Andersen, S.; et al.  
Conference: **AFS Proc.** Location: **Schaumburg, IL USA** Date: **April, 2011**  
Sponsor(s): **American Foundry Society**  
Times Cited: **1** (from Web of Science)  
[\[Show additional data\]](#)



16. Title: [not available]  
Author(s): Miettinen, K.  
Source: Nonlinear Multiobjective Optimization Published: **1999**  
Publisher: Kluwer; Norwell, MA  
Times Cited: **805** (from Web of Science)



17. Title: **MAGMAfrontier: state of the art of an optimisation tool for the MAGMAsoft environment**  
Author(s): Poloni, C.; Poles, S.; Odorizzi, S.; et al.  
Conference: **Proc. MAGMAsoft International User Meet.** Location: **Hannover, Germany** Date: **October, 2002**  
Sponsor(s): **MAGMA GmbH, Inc**  
Times Cited: **1** (from Web of Science)  
[\[Show additional data\]](#)



18. Title: **Evaluation of a Rayleigh-number-based freckle criterion for Pb-Sn alloys and Ni-base superalloys**  
Author(s): Ramirez, JC; Beckermann, C  
Source: METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE Volume: **34A** Issue: **7** Pages: **1525-1536** DOI: **10.1007/s11661-003-0264-0** Abstract Number: **A2004-10-8130F-001** Published: **JUL 2003**  
Times Cited: **19** (from Web of Science)



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19. Title: **Microstructure evolution**  
Author(s): Stefanescu, D. M.  
Editor(s): Yu, K.-O.  
Editor(s): Yu, K.-O  
Source: Modeling for casting and solidification processing Pages: **123-187** Published: **2002**  
Publisher: Marcel Dekker, Inc;  
Times Cited: **1** (from Web of Science)



20. Title: **State-of-the-art multi-objective optimization of manufacturing processes based on thermo-mechanical simulations**  
Author(s): Tutum, C. C.; Hattel, J. H.  
Editor(s): Wang, L.  
Editor(s): Wang, L.  
Source: Multi-objective evolutionary optimization for product design and manufacturing Pages: **71-137** Published: **2011**  
Publisher: Springer Verlag; London  
Times Cited: **1** (from Web of Science)



21. Title: [not available]  
Author(s): Tutum, C. C.  
Source: Optimization of Thermo- mechanical Conditions in Friction Stir Welding Published: **2009**  
Publisher: Technical University of Denmark; Kgs. Lyngby, Denmark  
Times Cited: **2** (from Web of Science)



22. Title: [not available]  
Author(s): [Anonymous].  
Source: MAGMAfrontier 4.4 reference manual Published: **2005**  
Publisher: MAGMA GmbH; Aachen, Germany  
Times Cited: **1** (from Web of Science)

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