

Cited References: 24*(from Web of Science Core Collection)*From: Influence of Taguchi-Grey Relational Analysis of Gating System Design on Mechanical Properties of Ca ...[More](#)

◀ 1 of 1 ▶

 Select Page[Find Related Records >](#)

- 1. Parametric optimization and modelling of rough cut WEDM operation of pure titanium using grey-fuzzy logic and dimensional analysis**
 By: [Chalisgaonkar, Rupesh](#); [Kumar, Jatinder](#)
 COGENT ENGINEERING Volume: 1 Issue: 1 Article Number: 979973 Published: 2014

Free Full Text from Publisher

Times Cited: 6
(from Web of Science Core Collection)
- 2. Influence of oxide film defects generated in filling on mechanical strength of aluminium alloy castings**
 By: [Dai, X](#); [Yang, X](#); [Campbell, J](#); et al.
 MATERIALS SCIENCE AND TECHNOLOGY Volume: 20 Issue: 4 Pages: 505-513 Published: APR 2004

Full Text from Publisher

View Abstract ▼

Times Cited: 47
(from Web of Science Core Collection)
- 3. OPTIMIZATION OF THE GATING SYSTEM FOR SAND CASTING USING GENETIC ALGORITHM**
 By: [Ducic, Nedeljko](#); [Slavkovic, Radomir](#); [Milicevic, Ivan](#); et al.
 INTERNATIONAL JOURNAL OF METALCASTING Volume: 11 Issue: 2 Pages: 255-265 Published: APR 2017

Full Text from Publisher

View Abstract ▼

Times Cited: 6
(from Web of Science Core Collection)
- 4. Optimal design of gating systems by gradient search methods**
 By: [Esparza, Carlos E.](#); [Guerrero-Mata, Martha P.](#); [Rios-Mercado, Roger Z.](#)
 COMPUTATIONAL MATERIALS SCIENCE Volume: 36 Issue: 4 Pages: 457-467 Published: JUL 2006

Full Text from Publisher

View Abstract ▼

Times Cited: 25
(from Web of Science Core Collection)
- 5. A multiple-gate runner system for gravity casting**
 By: [Hsu, Fu-Yuan](#); [Jolly, Mark R.](#); [Campbell, John](#)
 JOURNAL OF MATERIALS PROCESSING TECHNOLOGY Volume: 209 Issue: 17 Pages: 5736-5750 Published: AUG 19 2009

Full Text from Publisher

View Abstract ▼

Times Cited: 27
(from Web of Science Core Collection)
- 6. A Diffusing Runner for Gravity Casting**
 By: [Hsu, Fu-Yuan](#); [Lin, Huey-Jiuan](#)
 METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE Volume: 40 Issue: 6 Pages: 833-842 Published: DEC 2009

Full Text from Publisher

View Abstract ▼

Times Cited: 9
(from Web of Science Core Collection)
- 7. Optimization of neural network parameters using Grey-Taguchi methodology for manufacturing process applications**
 By: [Kumar, Dinesh](#); [Gupta, Arun Kumar](#); [Chandna, Pankaj](#); et al.
 PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE Volume: 229 Issue: 14 Pages: 2651-2664 Published: OCT 2015

Full Text from Publisher

View Abstract ▼

Times Cited: 5
(from Web of Science Core Collection)

8. **Multi response optimization in wire electrical discharge machining of Inconel X-750 using Taguchi's technique and grey relational analysis** **Times Cited: 4**
(from Web of Science Core Collection)
By: Kumar, Mandeep; Singh, Hari
COGENT ENGINEERING Volume: 3 Issue: 1 Article Number: 1266123 Published: 2016
[Free Full Text from Publisher](#) [View Abstract](#) ▼
9. **Mold filling analysis in lost foam casting process for aluminum alloys and its experimental validation** **Times Cited: 15**
(from Web of Science Core Collection)
By: Kuo, JH; Chen, JC; Pan, YN; et al.
MATERIALS TRANSACTIONS Volume: 44 Issue: 10 Pages: 2169-2174 Published: OCT 2003
[Free Full Text from Publisher](#) [View Abstract](#) ▼
10. **Use of the Taguchi method and grey relational analysis to optimize turning operations with multiple performance characteristics** **Times Cited: 155**
(from Web of Science Core Collection)
By: Lin, CL
MATERIALS AND MANUFACTURING PROCESSES Volume: 19 Issue: 2 Pages: 209-220 Published: 2004
[Full Text from Publisher](#) [View Abstract](#) ▼
11. **INFLUENCE OF OXIDE ADDITIONS ON THE POROSITY DEVELOPMENT AND MECHANICAL PROPERTIES OF A356 ALUMINIUM ALLOY CASTINGS** **Times Cited: 12**
(from Web of Science Core Collection)
By: Ludwig, T.; Di Sabatino, M.; Arnberg, L.; et al.
INTERNATIONAL JOURNAL OF METALCASTING Volume: 6 Issue: 2 Pages: 41-50 Published: SPR 2012
[Full Text from Publisher](#) [View Abstract](#) ▼
12. **Effect of Pouring Conditions and Gating System Design on Air Entrainment During Mold Filling** **Times Cited: 3**
(from Web of Science Core Collection)
By: Majidi, Seyyed Hojjat; Beckermann, Christoph
INTERNATIONAL JOURNAL OF METALCASTING Volume: 13 Issue: 2 Pages: 255-272 Published: APR 2019
[Full Text from Publisher](#) [View Abstract](#) ▼
13. **Effect of Gating Design on Mold Filling** **Times Cited: 5**
(from Web of Science Core Collection)
By: Masoumi, M.
Trans. Am. Foundry Soc. Volume: 113 Issue: 113 Pages: 185-196 Published: 2005
14. **Taguchi-grey relational based multi response optimization of electrical process parameters in electrical discharge machining** **Times Cited: 26**
(from Web of Science Core Collection)
By: Muthuramalingam, T.; Mohan, B.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES Volume: 20 Issue: 6 Pages: 471-475
Published: DEC 2013
[View Abstract](#) ▼
15. **EFFECT OF FILLING CONDITIONS ON THE QUALITY OF CAST ALUMINUM CYLINDER HEADS** **Times Cited: 4**
(from Web of Science Core Collection)
By: Pavlak, Lubos
METALLURGICAL & MATERIALS ENGINEERING Volume: 14 Issue: 1 Special Issue: SI Pages: 31-39 Published: 2008
16. **Multi-objective optimization of surface roughness and cutting forces in high-speed turning of Inconel 718 using Taguchi grey relational analysis (TGRA)** **Times Cited: 97**
(from Web of Science Core Collection)
By: Pawade, Raju Shrihari; Joshi, Suhas S.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY Volume: 56 Issue: 1-4 Pages: 47-62 Published: SEP 2011
[Full Text from Publisher](#) [View Abstract](#) ▼
17. **Multi-Response Optimization of Resin Finishing by Using a Taguchi-Based Grey Relational Analysis** **Times Cited: 12**
(from Web of Science Core Collection)
By: Pervez, Md. Nahid; Shafiq, Faizan; Sarwar, Zahid; et al.
MATERIALS Volume: 11 Issue: 3 Article Number: 426 Published: MAR 2018
[Free Full Text from Publisher](#) [View Abstract](#) ▼

18. **Impact of Sprue Base in Gating System on Quality of Filling - the Compromise Between Theory and Practice** **Times Cited: 1**
(from Web of Science Core Collection)
By: Siodmok, B.; Jezierski, J.; Dorula, J.; et al.
ARCHIVES OF FOUNDRY ENGINEERING Volume: 18 Issue: 3 Pages: 167-172 Published: 2018
[Free Full Text from Publisher](#) [View Abstract](#) ▼
19. **Numerical optimization of gating system parameters for a magnesium alloy casting with multiple performance characteristics** **Times Cited: 33**
(from Web of Science Core Collection)
By: Sun, Zhizhong; Hu, Henry; Chen, Xiang
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY Volume: 199 Issue: 1-3 Pages: 256-264 Published: APR 1 2008
[Full Text from Publisher](#) [View Abstract](#) ▼
20. **Taguchi Grey Relational Analysis for Multi-Response Optimization of Wear in Co-Continuous Composite** **Times Cited: 8**
(from Web of Science Core Collection)
By: Sylajakumari, Prasanth Achuthamenon; Ramakrishnasamy, Ramesh; Palaniappan, Gopalakrishnan
MATERIALS Volume: 11 Issue: 9 Article Number: 1743 Published: SEP 2018
[Free Full Text from Publisher](#) [View Abstract](#) ▼
21. **Optimization of Mechanical Properties in Thin-Wall Ductile Iron Casting Using Taguchi Method** **Times Cited: 1**
(from Web of Science Core Collection)
By: Tare, B.; Shinde, V.
Indian Foundry Journal. Volume: 61 Issue: 8 Pages: 21-29 Published: 2015
22. **Investigation of the Stability of Melt Flow in Gating Systems** **Times Cited: 2**
(from Web of Science Core Collection)
By: Tiedje, Niels Skat; Larsen, Per
METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE Volume: 42 Issue: 1 Pages: 189-201 Published: FEB 2011
[Full Text from Publisher](#) [View Abstract](#) ▼
23. **Mechanical Properties and Melt Quality Relationship of Sr-modified Al-12Si Alloy** **Times Cited: 3**
(from Web of Science Core Collection)
By: Uludag, M.; Uyaner, M.; Yilmaz, F.; et al.
ARCHIVES OF FOUNDRY ENGINEERING Volume: 15 Issue: 4 Pages: 134-140 Published: DEC 2015
[Free Full Text from Publisher](#) [View Abstract](#) ▼
24. **ON THE INTERPRETATION OF MELT QUALITY ASSESSMENT OF A356 ALUMINUM ALLOY BY THE REDUCED PRESSURE TEST: THE BIFILM INDEX AND ITS PHYSICAL MEANING** **Times Cited: 5**
(from Web of Science Core Collection)
By: Uludag, Muhammet; Cetin, Remzi; Dispinar, Derya; et al.
INTERNATIONAL JOURNAL OF METALCASTING Volume: 12 Issue: 4 Pages: 853-860 Published: OCT 2018
[Full Text from Publisher](#) [View Abstract](#) ▼

 Select Page[A Export...](#)[Add to Marked List](#)

◀ 1 of 1 ▶

Clarivate

Accelerating innovation

© 2020 Clarivate

[Copyright notice](#)[Terms of use](#)[Privacy statement](#)[Cookie policy](#)[Sign up for the Web of Science newsletter](#)[Follow us](#)