10 selected journal papers & book chapters

G Cited times; Source: Google Scholar
Cited times; Source: Scopus
ISI Cited times; Source: ISI Web of Science
H Cited / year; Source: Publish or Perish

1. **X. Y. Kou** and S. T. Tan, "A hierarchical representation for heterogeneous object modeling", *Computer-Aided Design*, vol. 37, pp. 307, 2005
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2. **X.Y. Kou** and S.T. Tan, "Heterogeneous object modeling: a review", *Computer-Aided Design*, vol. 39, no. 4, pp.284, 2007
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3. **X.Y. Kou**, S.T. Tan and W.S. Sze, "Modeling complex heterogeneous objects with non-manifold heterogeneous cells", *Computer-Aided Design*, vol. 38, no. 5, pp.457, 2006
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4. **X.Y. Kou** and S.T. Tan, "A systematic approach for integrated computer-aided design and finite element analysis of Functionally-Graded-Material Objects", *Journal of Materials and Design*, vol. 28, no. 10, pp.2549, 2007
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5. **X. Y. Kou** and S. T. Tan, "A Simple and Effective Geometric Representation for Irregular Porous Structure Modeling", *Computer-Aided Design*, accepted, 2010.
6. **X. Y. Kou**, Sukui Xue and S. T. Tan "Knowledge-guided inference for voice-enabled CAD", *Computer-Aided Design*, vol. 42, no. 6 pp.545-557, 2010
7. **X.Y. Kou** and S.T. Tan, "Robust and efficient algorithms for rapid prototyping of heterogeneous objects", *Journal of Rapid Prototyping*, vol. 15, No. 1, pp.5-18, 2009
8. **X.Y. Kou** and S.T. Tan, "An XML implementation for data exchange of heterogeneous object models", *Book chapter in Advanced Design and Manufacturing based on STEP*, Springer London, pp 419-438, 2010
9. **X.Y. Kou** and S.T. Tan, "Heterogeneous Object Design: An Integrated CAX Perspective", *Lecture Notes in Computer Science, Heterogeneous Objects Modeling and Applications*, Editors: Alexander Pasko, Valery Adzhiev, Peter Comninos, pp. 42-59, 2008
10. **Xinyu Kou**, Zhong Wang, Mingzhou Chen, Shenghua Ye, "A Fully Automatic Algorithm for Region of Interest Location in Camera Calibration", *Optical Engineering*, vol.41, No.6, pp. 1220-1226, June 2002
    G 4 4 ISI 2 H 0.44

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