The JPED Editor Choice Awards

John Morral

This is how Editor Choice Award decisions are made at the Journal of Phase Equilibria and Diffusion. Each year I request nominations for the awards from our Associate Editors. Then I combine their nominations with my own selections and choose five winners. In the past the winners were posted only on the Springer JPED website, but this year we have informed lead authors by mail, in order to give authors a record of the award on JPED stationary for their records. Also, in the future we will announce all recipients in the Journal. For example, here are selections for the past 2 years.

2013 Editor Choice Awards

Interdiffusion and Phase Growth Kinetics in Magnesium-Aluminum Binary System, Kulkarni, Kaustubh N.; Luo, Alan A.; J. Phase Equilib. Diff.; **34** (2013) p 104-115.

Experimental Investigation and Computer Simulation of Gradient Zone Formation in WC-Ti(C,N)-TaC-NbC-Co Cemented Carbides, Zhang, Weibin; Peng, Yingbiao; Zhou, Peng; Chen, Weimin; Du, Yong; Xie, Wen; Wen, Guanghua, and Wang, Shequan; J. Phase Equilib. Diff.; **34** (2013) p 202-210.

Experimental Investigation of Phase Equilibria in the Fe-Si-Zr Ternary System, Wang, C.P.; Hu, Y.; Yang, S.Y.; Lu, Y.; Jiang, Q.W.; Liu, X.J.; J. Phase Equilib. Diff.; **34** (2013) p 277-288.

The Crystal Structure and Phase Transition of Hf_2Pt_3 , Stalick, J. K.; Wang, Ke; Waterstrat, R. M.; J. Phase Equilib. Diff.; **34** (2013) p 385-389.

Isothermal Sections of Al-Ni-Zr Ternary System at 850 and 1050 °C, Chen, Q.; Huang, L. H.; Liu, H. S.; Zheng F.; Jin, Z.P.; J. Phase Equilib. Diff.; **34** (2013) p 390-402.

2014 Editor Choice Awards

Thermodynamic and Experimental Study of the Mg-Sn-Ag-In Quaternary System, Wang, Jian; Hudon, Pierre; Kevorkov, Dmytro; Chartrand, Patrice; Jung, In-Ho; and Medraj, Mamoun; J. Phase Equilib. Diff., 2014, 35, p 284-313.

Crystal Structure of W_{1-x}B_3 and Phase Equilibria in the Boron-Rich Part of the Systems Mo-Rh-B and W-{Ru,Os,Rh,Ir,Ni,Pd,Pt}-B, Zeiringer, I.; Rogl, P.; Grytsiv, A.; Polt, J.; Bauer, E.; and Giester, G.; J. Phase Equilib. Diff., 2014, 35, p 384-395.

γ' Phase Stability and Phase Equilibrium in Ternary Co-Al-W at 900 °C, Lass, E. A.; Williams, M. E.; Campbell, C. E.; Moon, K.W.; and Kattner, U. R.; J. Phase Equilib. Diff., 2014, 35, p 711-723.

Phase Diagrams: The Beginning of Wisdom, Schmid-Fetzer, R.; J. Phase Equilib. Diff., 2014, 35, p 735-760.

Overview of SIMS-Based Experimental Studies of Tracer Diffusion in Solids and Application to Mg Self-Diffusion, Kulkarni, Nagraj S.; Bruce Warmack, Robert J.; Radhakrishnan, Bala; Hunter, Jerry L.; Sohn, Yongho, Coffey, Kevin R.; Murch, Graeme E.; and Belova, Irina V.; J. Phase Equilib. Diff., 2014, 35 p 762-778.

These papers were selected on what we deemed to be overall excellence. In addition to the award, papers are given “Free Access” via SpringerLink and the Springer/JPED website, <http://www.springer.com/materials/journal/11669>, where announcements of the award can be found. Free access means that papers can be viewed 24/7 worldwide by anyone with an internet connection. Normally there is a charge for “Free Access,” but for papers that have won this award the benefit is free.

Editor Choice Awards for 2015 will be made and reported early next year. We at JPED congratulate those who have already received these awards and thank all of our authors for sending us their quality submissions.

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