



1790 Analytics LLC, 130 North Haddon Avenue, Haddonfield, NJ 08033  
Tel: 856-216-1790 • Fax: 856-216-2262 • email: [ipevaluation@1790analytics.com](mailto:ipevaluation@1790analytics.com)

### **1790 Analytics: Selected Publications and Presentations by Founding Partners**

Anthony Breitzman and Patrick Thomas, “A Technology Forecasting Framework Enhanced via Twitter Mining”, Future Technologies Conference, Vancouver, Canada, November 2017.

Anthony Breitzman and Patrick Thomas, “Inventor Team Size as a Predictor of the Future Citation Impact of Patents”, *Scientometrics*, 103(2), 2015, 631-647.

Anthony Breitzman and Patrick Thomas, “The Emerging Clusters Model: A Tool for Identifying Emerging Technologies across Multiple Patent Systems”, *Research Policy*, 44(1), 2015, 195–205.

Patrick Thomas, Olga Babko-Malaya, Daniel Hunter, Adam Meyers and Marc Verhagen, “Identifying Emerging Research Fields with Practical Applications via Analysis of Scientific and Technical Documents”, International Society of Scientometrics and Informetrics Conference (ISSI 2013), Vienna, Austria, July 2013.

Olga Babko-Malaya, David C. Brock, James Pustejovsky, Patrick Thomas, Sean Stromsten, and Fotis Barlos “ARBITER: Toward the Automated Detection of Technoscientific Emergence from Full-Text Publications and Patents”, Global TechMining Conference, Atlanta, September 2013.

Rosalie Ruegg and Patrick Thomas, “Patent Analysis”, Handbook on the Theory and Practice of Program Evaluation, ed. by Link and Vonortas, Edward Elgar Publishing Ltd, 2012.

Rosalie Ruegg and Patrick Thomas, “Tracing from Applied Research Programs to Downstream Innovations – Value in Multiple Techniques”, *Research Evaluation*, 20(4), 2011, 305-312.

Connie Chang and Anthony Breitzman, “Using Patents Prospectively to Identify Emerging, High-impact Technological Clusters”, *Research Evaluation*, Volume 18(5), 2009, 357-364.

Rosalie Ruegg and Patrick Thomas, “Tracing government-funded research in wind energy to commercial renewable power generation”, *Research Evaluation*, Volume 18(5), 2009, 387-396.

Patrick Thomas and Anthony Breitzman, “A Method for Identifying Hot Patents and Linking them to Government-funded Scientific Research”, *Research Evaluation*, Volume 15(2), 2006, 145-152.

Anthony Breitzman, “Automated Identification of Technologically Similar Organizations”, *Journal of the American Society for Information Science*, Volume 56(10), 2006, 1015-1023.

Patrick Thomas and G. Steven McMillan, “Financial Success in Biotechnology: Company Age versus Company Science”, *Technovation*, Volume 25, 2005, 463-468.

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Anthony Breitzman and Patrick Thomas, "Using Patent Citation Analysis to Target/Value M&A Candidates", *Research Technology Management*, Volume 45(5), 2002, 28-36.

Anthony Breitzman and Mary Ellen Moguee, "The Many Applications of Patent Analysis", *Journal of Information Science*, Volume 28(3), 2002, 187-205.

Anthony Breitzman, Patrick Thomas and Margaret Cheney, "Technological Powerhouse or Diluted Competence – Techniques for Assessing Mergers via Patent Analysis", *R&D Management*, Volume 32(1), 2002, 1-10.

Patrick Thomas and G. Steven McMillan, "Using Science and Technology Indicators to Manage R&D as a Business", *Engineering Management Journal*, Volume 13(3), 2001, 9-14.

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Patrick Thomas, "A Relationship between Technology Indicators and Stock Market Performance", *Scientometrics*, Volume 51(1), 2001, 319-333.

Diana Hicks, Anthony Breitzman, Dominic Olivastro, and Kimberly Hamilton, "The Changing Composition of Innovative Activity in the US – A Portrait Based on Patent Analysis", *Research Policy*, Volume 30, 2001, 681-703.

Diana Hicks, Anthony Breitzman, Kimberly Hamilton and Francis Narin, "Research Excellence and Patented Innovation", *Science and Public Policy*, Volume 27(5), 2000, 310-320.

Anthony Breitzman, "Assessing an Industry's R&D Focus Rapidly: A Case Study Using Data-Driven Categorization in a Consumer Products Area", *Competitive Intelligence Review*, Volume 11(1), 2000, 58-64.

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