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Visual Tutorial

pr@authoratory.com

21 Trost, Barry M*

2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | **Social Network** | Professional Interests | Funding | Articles | All

Summary [at-glance overview of author activity for selected year]

This is an Authoratory overview of primary author **Trost, Barry M**. In 2006 Trost, Barry M. finished at least 21 publications. This work was completed in collaboration with several authors including Zhang Yong and Aponick Aaron. At least 3 different grants are awarded to Trost, Barry M to support this work. All time total of the grant awards on file exceeds **\$11,413,915**.

A large number of keywords was assigned to the publications with the most frequent keywords being "Stereoisomerism", "Catalysis", "Palladium" and "Alkylation". Analysis of the publication abstracts and the titles suggests that Trost, Barry M professional interests are focused around "**asymmetric allylic alkylation**", "**palladium-catalyzed asymmetric allylic**" and "**catalyzed asymmetric allylic**". These might also be referred to as "asymmetric allylic", "allylic alkylation" or "palladium-catalyzed asymmetric". Statistical analysis shows that Trost, Barry M is likely to use in his writing terms like "synthesis", "allylic", "**palladium-catalyzed**", "**alkylation**" and "**total**".

The majority of Trost Barry M publications are affiliated with Department of Chemistry, Chemistry, Stanford University, Stanford, California 94305, 94305-5080, USA. . Luckily, one email address is on file.

Trost, Barry M Primary Coauthors (4) [primary coauthors with the number of joint publications] [explore visually](#)

2 16 Zhang Yong*	2 4 Aponick Aaron*	1 5 Crawley Matthew L*	1 3 Zhang Ting*
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Emails (1) [email addresses extracted from affiliations]

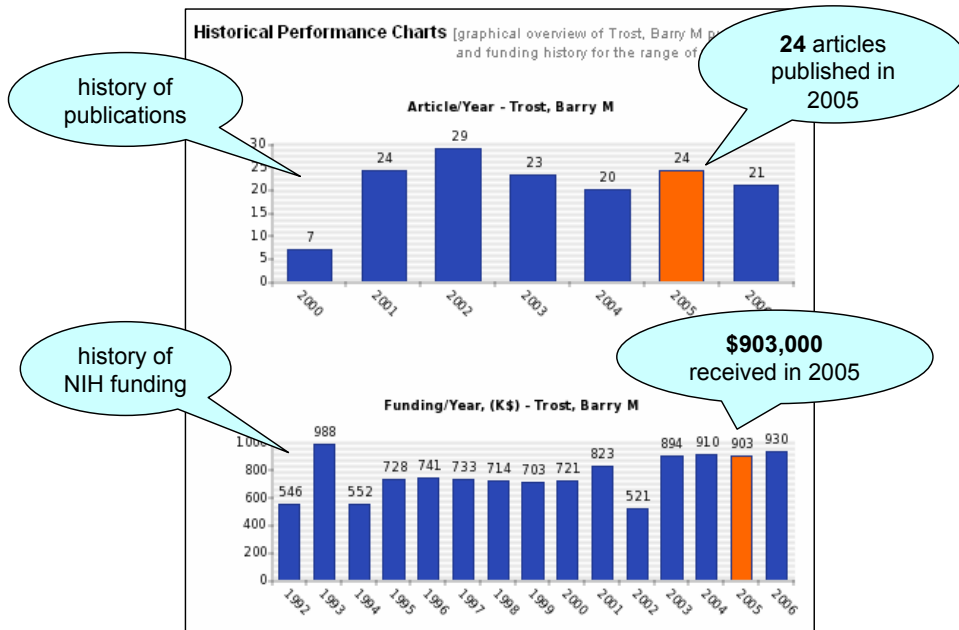
hidden to prevent spam, click [here](#) to reveal

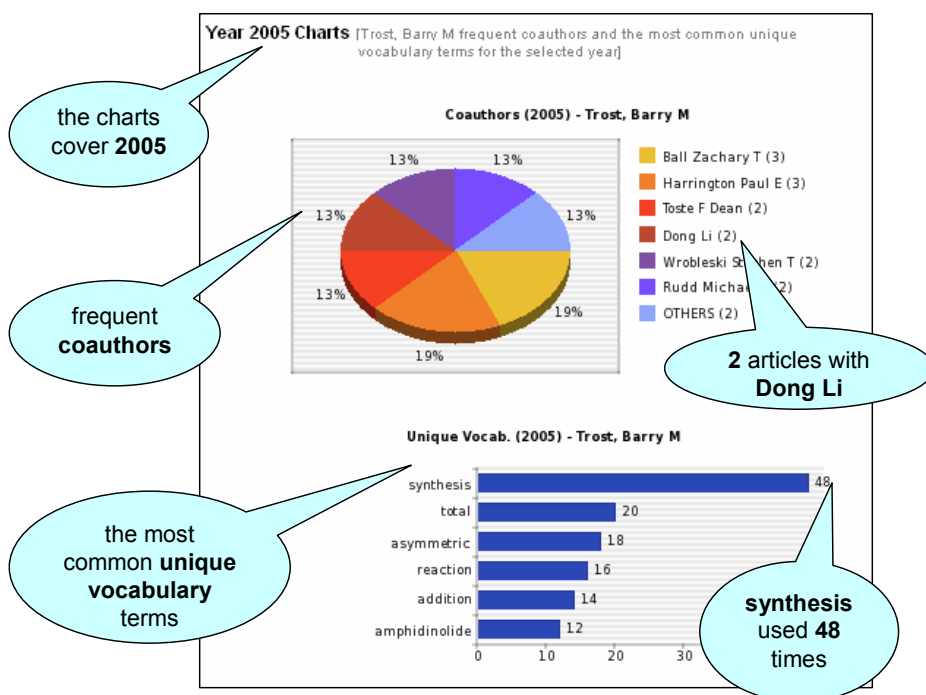
Affiliations (2) [condensed summary of the author's affiliations, the leading number and the color conveys importance]

13 Department of Chemistry, Chemistry, Stanford University, Stanford, California 94305, 94305-5080, USA.
7 Department of Chemistry, Stanford University, Stanford, CA 94305-8080, 94305-5080, USA.

Callouts:

- timeline
- author, 21 articles
- information organized in tabs
- summary
- coauthor, 2 joint articles
- email
- affiliations
- color conveys importance
- Social Network Browser applet





project title

NOVEL APPROACHES TO ANTITUMOR AND ANTIVIRAL AGENTS (TROST, BARRY M, STANFORD UNIVERSITY - 1992)

Grant #	Award Year	Award Amount, USD
5R01GM033049-16	1992	\$263,430
2R01GM033049-18	1993	\$285,191
5R01GM033049-17	1993	\$282,424
5R01GM033049-19	1994	\$135,972
5R01GM033049-20	1995	\$307,517
5R01GM033049-21	1996	\$305,466
2R01GM033049-22	1997	\$280,340
5R01GM033049-23	1998	\$273,612
5R01GM033049-24	1999	\$280,905
5R01GM033049-25	2000	\$288,504
2R01GM033049-26	2001	\$380,569
5R01GM033049-28	2003	\$375,037
5R01GM033049-29	2004	\$386,074
2R01GM033049-30A1	2005	\$366,006
5R01GM033049-31	2006	\$361,447
Total up to 2006		\$4,572,494

award recipient, organization

award amount per year

NIH grant number

Found 983 unique authors matching your query "palladium +California YEAR:[2003 TO 2006]", showing first 250 (221 ms)

100%	3	Ferreira Eric M	2003
91%	3	Goldberg Karen I*	2006
90%	6	Toste F Dean*	2003
85%	3	Staben Steven T*	2004
84%	10	Oxgaard Jonas*	2005 2006
82%	3	Richards Christopher J*	2003
82%	4	Aponick Aaron*	2006
81%	86	Trost Barry M*	2003 2004 2005 2006
81%	21	Stoltz Brian M*	2003 2004 2005
81%	4	Yue Dawei*	2005
80%	4	Jin Sungho*	2005
79%	4	Badji? Jovica D*	2004
78%	7	Kim Young Mi*	2003 2005
77%	4	Keith *	2006
77%	8	Zhao Jian*	2005
77%	8	Wang Yao*	2003
75%	3	Ball Zachary T	2003
74%	4	Goddard *	2006
74%	5	Yin Yadong*	2005
73%	4	Bekyarova Elena*	2005
73%	4	Hooley Richard J*	2006
69%	3	Dvorak Curt A	2005
69%	7	Omary Mohammad A*	2003
68%	22	Overman Larry E*	2003 2005
68%	4	Klug Christopher A*	2006
68%	5	Yang Chunhua*	2004
68%	14	Smith Mark D*	2004
67%	

Ferreira Eric has highest frequency of word "Palladium" per article

Barry Trost has very high score as well

full text search with complex queries

articles are grouped for each year

Found over 1000 unique authors matching your query "palladium total synthesis +YEAR:2006", showing first 250 (104 ms)

100%	2006	3 <u>Boehmler Debra J*</u>	2 Department of Chemistry, University of Rochester, P.O. Box 270216, Hutchison Hall, Rochester, New York 14627-0216, USA.
94%	2006	19 <u>Trost Barry M*</u>	11 Department of Chemistry, Stanford University, 94305, 94305-5080, USA.
83%	2006	3 <u>Zhou Maoquan</u>	2 Department of Chemistry, West Virginia University, Morgantown, West Virginia 26506, USA.
81%	2006	5 <u>Marshall James A*</u>	2 Department of Chemistry, University of Virginia, Charlottesville, Virginia 22904. 22904-4319, USA.
		15 <u>Danishefsky Samuel J*</u>	Department of Organic Chemistry, Sloan-Kettering Institute for Cancer Research, 1275 Avenue, New York, NY New York 10021, USA.
		15 <u>Lautens Mark*</u>	Research Laboratories, Chemistry Department, of University of Toronto, Toronto, Ontario, Canada M5H M5S 3H6.
75%		8 <u>Davies Huw M L*</u>	6 Department of Chemistry, University at Buffalo, The State University of New York, Buffalo, NY 14260-3000, USA.
73%	2006	3 <u>Zhou Chengxiang</u>	3 Department of Chemistry, Iowa State University, Ames, Iowa 50011, USA.
68%	2006	10 <u>Slawin Alexandra M Z*</u>	3 EaStCHEM, School of Chemistry, University of St. Andrews, St. Andrews, Fife, UK KY16 9ST.
68%	2006	10 <u>O'Doherty George A*</u>	9 Department of Chemistry, West Virginia University, Morgantown, WV West Virginia 26506, USA.
68%	2006	15 <u>Denmark Scott E*</u>	9 Roger Adams Laboratory, Department of Chemistry, University of Illinois, Urbana, Illinois 61801. 61801, USA.
66%	2006	3 <u>Feldman David L*</u>	3 Department of Chemistry, North Carolina State University, Raleigh, North Carolina NC 27695-8204, 27695, USA.
65%	2006	2 <u>Feldman David L*</u>	2 Department of Biological, Chemical and Physical Sciences, Illinois Institute of Technology, Chicago, Illinois IL 60607, USA.
65%	2006	3 <u>Trammell Gregory K</u>	3 Innovative Technology Center (ACS), Center for Chemistry, University of Cambridge, Lensfield Road, Cambridge CB2 3RQ, UK.
65%	2006	3 <u>Lu Genliang*</u>	1 Department of Chemistry, Texas A&M University, College Station, TX 77842-3012, USA.

Boehmler Debra J* has the highest score for the query

Barry Trost has very high score

full text search with complex queries

9 of 15 papers have this affiliation

email is available for this author or the coauthors

