



LatticeGrid

researchers publications collaborations

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Agenda

- What is LatticeGrid
- User Stories
- Visualization
- Sharing

NUCATS
Clinical and Translational Sciences Institute

Publications and Abstracts Site

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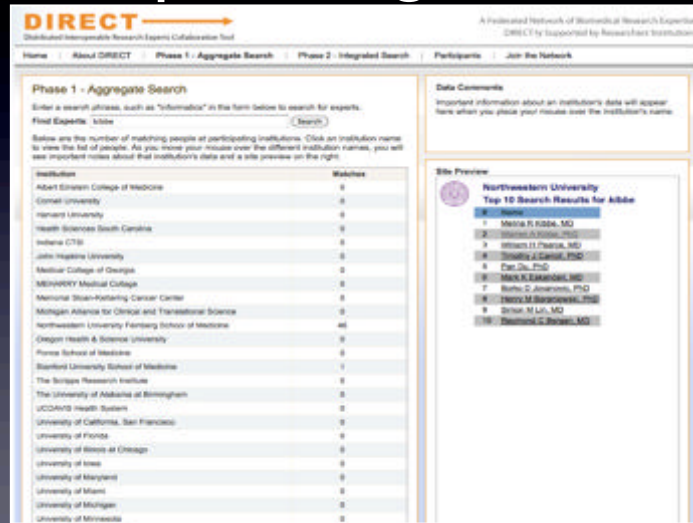
There were 1625 matches to search term genetics

| # | Name | Department |
|---|-----------------------------|-------------------------------------------|
| 1 | Dezhen Ruan, PhD | Zenberg Cardiovascular Research Institute |
| 2 | Margaret M Roberts, MD, PhD | Physical Medicine and Rehabilitation |
| 3 | Robert S Katz, MD | Medicine-General Internal Medicine |
| 4 | Beiwang Xia, PhD | Pediatrics |
| 5 | Min Wang, PhD | Pediatrics |
| 6 | John Pandoftis, MD | Medicine-Gastroenterology |
| 7 | Galina Voronov, MD | Anesthesiology |
| 8 | Jack Yu Wood, MD | Anesthesiology |

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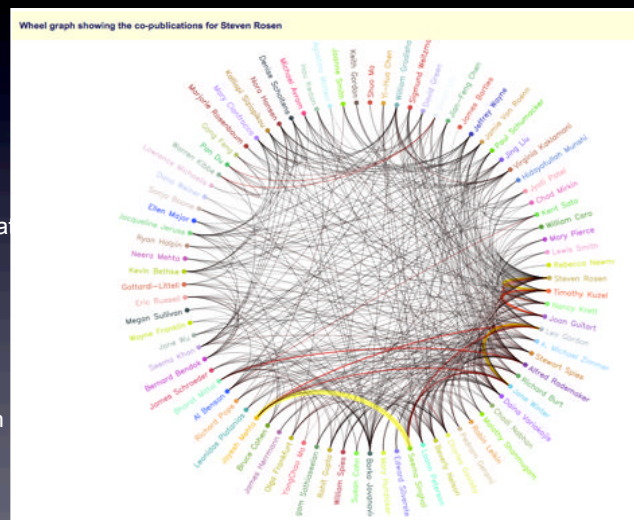
- LatticeGrid is a full member



What is LatticeGrid?

- **LatticeGrid is designed to:**

1. Identify the network of collaborations that currently exist in a biomedical research organization.
2. Highlight the expertise and existing collaboration patterns for an individual in that organization.
3. Facilitate the application of this information to the promotion and support of intra- and inter- institutional collaboration.



Existing installations

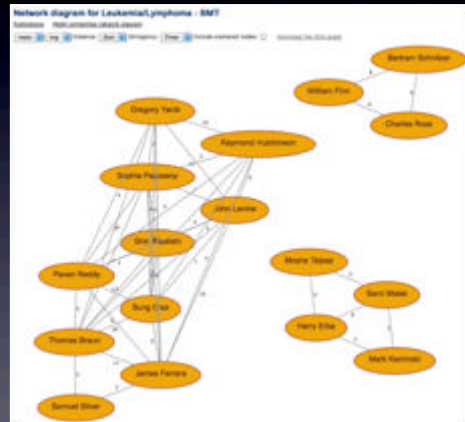
- <http://latticegrid.feinberg.northwestern.edu> Internal installations
- <https://latticegrid.cancer.northwestern.edu> Case Western
CINJ
- <https://latticegrid.cancer.ucsf.edu> U Michigan
- <http://latticegrid.cancer.stanford.edu/> Fox Chase

How to get LatticeGrid

- About: <http://wiki.bioinformatics.northwestern.edu/index.php/LatticeGrid>
- Download: <http://github.com/wakibbe/LatticeGrid/>
- Download: <http://github.com/nubic/LatticeGrid/>

What is LatticeGrid?

- LatticeGrid models enable evidence-based decisions about how best to manage and direct organizational change to maximize the effectiveness of translational science initiatives. LatticeGrid enables biomedical research organizations to monitor and measure more effectively collaboration and funding patterns. By studying how these patterns change with time, organizations can use this information to evaluate the effectiveness of changes in organizational structure and policies. Understanding how shifts in institutional structure and policy affect translational science patterns of collaboration and funding is of fundamental importance to the biomedical research community. This knowledge provides a mechanism to evaluate the “return on investment” for team science efforts.



Original drivers for LatticeGrid

- Generate CCSG-formatted publication lists by program
- Enable measurement of intra- and inter-program publications
- Provide a public presence for Cancer Center publications
- Extension to publications for the entire organization

Value Proposition

- Manage organizational publication lists for reporting and metrics
- Provide tools for highlighting faculty publications
- Provide tools for the identification of researchers involved in a specific area
- Provide tools to visualize collaborations

Requirements

- LatticeGrid supports automated mining of PubMed data – no investigator input necessary
- LatticeGrid supports vetted database feeds of PubMed or ISI Web of Science feeds for faculty publications
- LatticeGrid takes vetted lists of organizations and faculty memberships to build collaboration 'lattices'

LatticeGrid Features

- Detailed faculty listing by program
- MeSH searching
- MeSH listing and tag clouds
- Co-author and similar author lists
- Sparklines for papers per year on individual author and program pages.
- High Impact publication list

The screenshot displays the NUCATS Clinical and Translational Sciences Institute website. The header includes the Northwestern University logo and the text "NUCATS Clinical and Translational Sciences Institute". Below the header is a navigation bar with the text "Feinberg Publications and Abstracts Site". A search bar is present with the text "Search [input type='text'] Enter term and hit return. Use '*' as a wildcard." Below the search bar is a "Publication Listing for 2011 (492 publications)" section. The listing includes a table of publications with columns for author names, titles, and journal information. The authors listed include Rooney, D.; Pugh, C. M.; Dennis, D. R.; Sharma, A.; Franklin, M. H.; Minkov, A. J.; Henrichs, S. R.; Henry, D. B.; Blair, R. J.; Daku, V.; Burns, J.; Pickett, K. E.; Johnson, C. A.; Park, K. W.; Tapuska, M. S.; Goehert, P. R.; Sempol, S. M.; Bhambhani, A.; Khatua, S.; Phillips, A.; Fungakorn, J.; Bovan, S.; Dhall, G.; Frisay, J. L.; Profirovic, J.; Han, J.; Andrews, A. V.; Neamu, R. F.; Pavlovic, S.; Vogel, S. M.; Walter, G.; Wajno-Yasenakaya, T. A.; Castiglioni, A. J.; Ramis, N. N.; Flores, E. N.; Garcia-Arreola, J.; and Zhang, L. J. The titles and journal information are partially visible.

LatticeGrid Publications

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Publications by year

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MeSH tag cloud

Department Overview

Center Overview

Melina R Kibbe, MD [Coauthors graph](#) [Coauthors network](#) [Medications network](#) [EOLSTM Institutions](#)

Academic Title Associate Professor

Primary Department Surgery/Vascular

Other Appointments Robert H. Lurie Comprehensive Cancer Center, Pediatric Cardiovascular Research Institute, Institute for Biotechnology & Medicine (IBMM), Institute for Women's Health Research

Center Affiliations Northwestern University, Feinberg School of Medicine, Division of Vascular Surgery

Campus Chicago

Address Lurie 303 E Superior 10-107 CH

Telephone +1 312 503 6701

Email mkibbe@northwestern.edu

Description Dr. Kibbe is an Associate Professor of Surgery at the Northwestern University Feinberg School of Medicine, Division of Vascular Surgery as well as Staff Physician and Director of the Vascular Laboratory at the Jesse Brown VA Medical Center. She received her MD degree from the University of Chicago in 1994, completed her general surgery residency at the University of Pittsburgh in 2000, and vascular surgery fellowship at Northwestern University in 2003. She is board certified in both General Surgery and Vascular Surgery. She received her FRCGS certification in 2003. Dr. Kibbe's clinical efforts focus on open and endovascular surgery, with a particular interest in carotid and peripheral arterial endovascular interventions. Her research interests focus on nitric oxide vascular biology. Specifically, she is studying how nitric oxide enters vascular smooth muscle cell proliferation by focusing on the role of nitric oxide in regulating the cell cycle, the ubiquitin-proteasome pathway, and apoptosis. She is also developing and testing nitric oxide-based pharmacologic approaches to inhibit neointimal hyperplasia following vascular bypass grafting. Her hope is to have a positive effect on delivery rates of both open and endovascular conduits, thereby affecting millions of patients that undergo coronary artery or peripheral artery bypass procedures.

Interests Hypertension, Cardiovascular Diseases, Circulation, Diabetes, Endocrine and Metabolism, Neuroscience, Signal Transduction, Surgery, Vascular Biology

Publications (42)

Co-Authors: Mark Mossack, Scott Rosnick, Michael Smith, Jr, James S. Yee, Melissa Pross, Kang Liu, William Pearce, Samuel Shupp, Linda Shi-Hsun, Mark Escarot, Peter Rodriguez, Joseph Schneider, David Gonsky, Henry Bannasch, Timothy Carroll, Mary McDermott, Kyle Mueller, Guillermo Anwar, Rang Palaniappan, Donald Lloyd-Jones, Gregory Dumanteau, Ron Dyer

Similar Investigators: Shari Meyerson 3228, Bernard Berkov 2178, Lee Schwartz 3140, Patricia McCarthy 8036, Carl Becker 2985, Larry Matthews 2913, Russell Fry 2504, Joseph Purgina 2786, Al Shattari 2574, Albert Harman, Jr 2551, Elizabeth Reynolds 2475

Publications

RESEARCH: Vello, V. M.; Vello, A. K.; Popovich, D. A.; Benayahu, M. N.; Marrett, J.; Jiang, Q.; Sawinski, J. E.; Kovler, L. K.; **Vello, M. R.** Effect of nitric oxide on neointimal hyperplasia based on sex and hormone status. *Free Radic Biol Med* (2011) in process.

Investigator view

LatticeGrid Elements

First_name + middle_name + last_name + ',' + degrees

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Publications by year

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MeSH tag cloud

Department Overview

Warren A Kibbe, PhD [Interactions Graph](#) [Interactions Diagram](#) [MeSH similarities Diagram](#) [Edit FSM faculty profiles](#)

Academic Title Research Associate Professor

Primary Department Northwestern University Clinical and Translational Sciences Institute (NUCATS)

Other Appointments Center for Genetic Medicine

Center Affiliations Northwestern University Clinical and Translational Sciences Institute (NUCATS), Center for Genetic Medicine

Campus Chicago

Address RUBLOFF 750 N Lake Shore Dr 11th Floor CH

Telephone +1 312 503 8229

Email wkibbe@northwestern.edu

Description Biomedical Ontologies, Informatics, Bioinformatics, Basic and Clinical Data Research

Interests Bioinformatics, Biomedical ontologies, Genomics, Information Systems, Medical Informatics

Publications (31)

GO DISCOVER:

1 2 Next

rank

campus

office_phone

program

email

research_summary

faculty_interests

MeSH Keywords

Brown, K. E.; Usman, A.; Kibbe, M. R.; Morasch, M. D.; Matsumura, J. S.; Pearce, W. H.; Amaranto, D. J.; Eskandar, M. K. Carotid stenting using tapered and non-tapered stents: associated neurological complications and restenosis rates. *Ann Vasc Surg* (2009) 23:439-445.

Heyer, K. S.; Modi, P.; Mionsich, M. D.; Matsumura, J. S.; Kibbe, M. R.; Pearce, W. H.; Resnick, S. A.; Eskandar, M. K. Secondary infections of thoracic and abdominal aortic endografts. *J Vasc Interv Radiol* (2009) 20:173-179.

Kapadia, M. R.; Eng, J. W.; Jiang, Q.; Stoyanovsky, D. A.; Kibbe, M. R. Nitric oxide regulates the 26S proteasome in vascular smooth muscle cells. *Nitric Oxide* (2009) 20:279-288.

Kibbe, M. R.; Troppmann, C.; Barnett, C. C. Jr; Nwomeh, B. C.; Olutoye, O. O.; Doria, C.; Kim, R. D.; Mankani, M. H.; Corbett, S. A.; Bitt, W. L.; Schwarze, M. L. Effect of educational debt on career and quality of life among academic surgeons. *Ann Surg* (2009) 249:342-348.

McDermott, M. M.; Ades, P.; Gurainik, J. M.; Dyer, A.; Ferrucci, L.; Liu, K.; Nelson, M.; Lloyd-Jones, D.; Van Horn, L.; Garibido, D.; Kibbe, M.; Domanchuk, K.; Stein, J. H.; Liao, Y.; Tao, H.; Green, D.; Pearce, W. H.; Schneider, J. R.; McPherson, D.; Liang, S. T.; McCarthy, W. J.; Shroff, A.; Criqui, M. H. Treadmill exercise and resistance training in patients with peripheral arterial disease with and without intermittent claudication: a randomized controlled trial. *JAMA* (2009) 301:165-174.

McDermott, M. M.; Domanchuk, K.; Dyer, A.; Ades, P.; Kibbe, M.; Criqui, M. H. Recruiting participants with peripheral arterial disease for clinical trials: experience from the Study to Improve Leg Circulation (SILC). *J Vasc Surg* (2009) 49:653-659 e4.

Payvand, L.; Dyer, A.; McPherson, D.; Ades, P.; Stein, J.; Liu, K.; Ferrucci, L.; Criqui, M. H.; Gurainik, J. M.; Lloyd-Jones, D.; Kibbe, M. R.; Liang, S. T.; Kane, B.; Pearce, W. H.; Verta, M.; McCarthy, W. J.; Schneider, J. R.; Shroff, A.; McDermott, M. M. Physical activity during daily life and brachial artery flow-mediated dilation in peripheral arterial disease. *Vasc Med* (2009) 14:193-201.

Ahanchi, S. S.; Varu, V. N.; Tshiba, N. D.; Martinez, J.; Pearce, C. G.; Kapadia, M. R.; Jiang, Q.; Saavedra, J. E.; Keefer, L. K.; Hrabie, J. A.; Kibbe, M. R. Heightened efficacy of nitric oxide-based therapies in type 2 diabetes mellitus and metabolic syndrome. *Am J Physiol Heart Circ Physiol* (2008) 295:H2388-H2396.

Keywords (MeSH):
 surgery;
 therapy;
 methods;
 pathology;
 radiography;
 etiology;
 effects;
 metabolic;
 carotid stenosis;
 blood vessel prosthesis
 implantation;
 complications;
 blood vessel prosthesis;
 peripheral vascular disease;
 mortality;
 drug effects;
 ...more

Publications with a MeSH term

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Search results for MeSH term: carotid stenosis. Found 39 abstracts.

Publications

Eskandar, M. K.; Usman, A. A.; Garcia-Tsao, M.; Matsumura, J. S.; Kibbe, M. R.; Mionsich, M. D.; Morasch, M. D.; Pearce, W. H. Eight-year institutional review of carotid artery stenting. *J Vasc Surg* (2010) 51:1145-1151.

Eskandar, M. K. Topics of carotid surgery after acute stroke. *Expert Rev Cardiovasc Ther* (2010) 8:1399-1403.

Xu, D. S.; Abruzzo, T. A.; Abucampo, F. C.; Debus, G.; Eskandar, M. K.; Guzman, L. R.; Hage, Z. A.; Harjai, M. C.; Hanel, R. A.; Lavo, E. I.; Nichols, C. W.; Ringel, A. J.; Salatiello, H.; Senok, B. R. External carotid artery stenting to treat patients with symptomatic isolated internal carotid artery occlusion: a multicenter case series. *Ann Neurosurg* (2012) 67:14-21.

Alex, J. G.; Mionsich, M. D.; Eskandar, M. K. An assessment of risk factors for carotid artery stenosis after carotid stenting. *Ann Vasc Surg* (2009) 23:298-305.

Brown, K. E.; Usman, A.; Kibbe, M. R.; Mionsich, M. D.; Matsumura, J. S.; Pearce, W. H.; Eskandar, M. K.; Kibbe, M. R. Carotid artery stenting compared to carotid endarterectomy performed exclusively in a veteran population: one center's experience with modern results. *Ann Surg* (2009) 249:110-116.

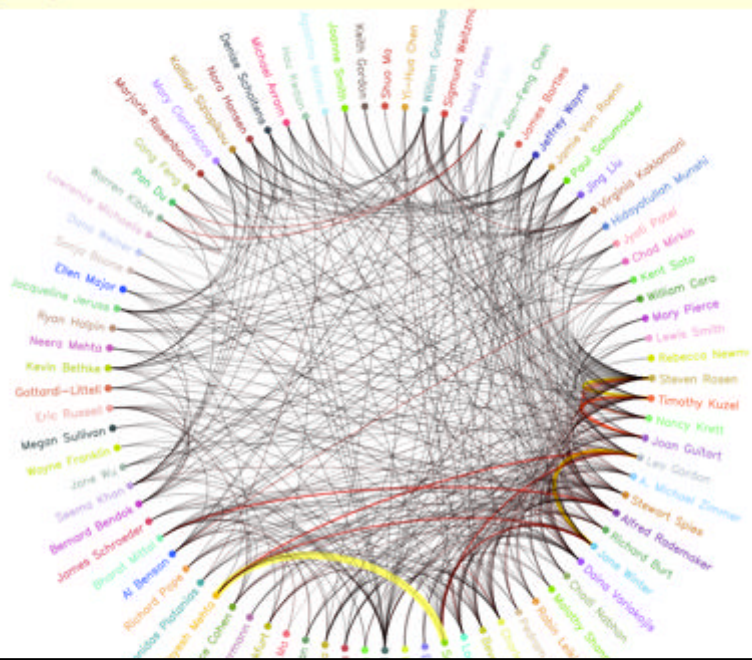
Eskandar, M. K. Preventable complications of carotid stenting. *Percept Vasc Endovasc Ther* (2008) 20:17-25.

Heyer, K. S.; Eskandar, M. K. Carotid stenting: risk factors for periprocedural stroke. *Expert Rev Neurother* (2009) 9:449-477.

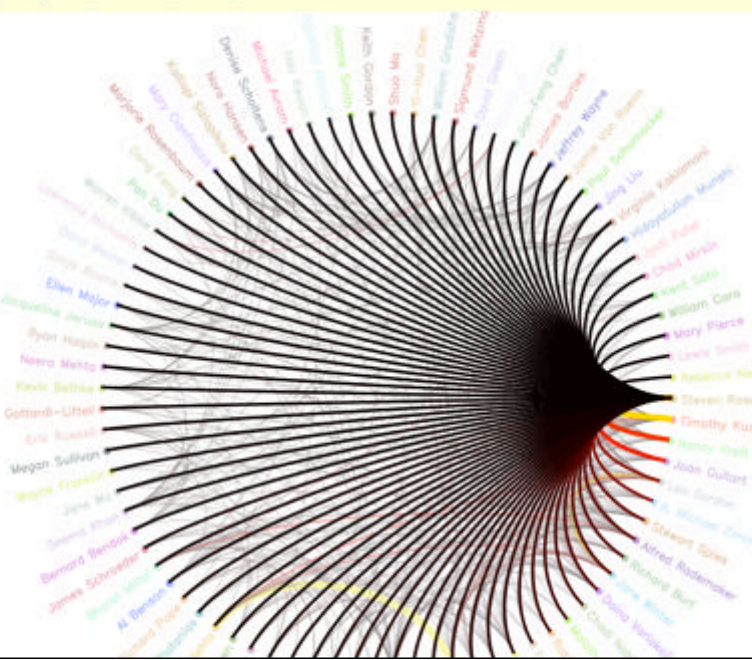
Hosain, R. W. 2nd; Mackey, W. C.; Ascher, E.; Murad, M. H.; Calligaris, K. D.; Comerota, A. J.; Morton, V. M.; Eskandar, M. K.; Nasag, O. W.; Bush, R. L.; Lai, B. K.; Patel, B. A. Management of atherosclerotic carotid artery disease: clinical practice guidelines of the Society for Vascular Surgery. *J Vasc Surg* (2008) 48:480-496.

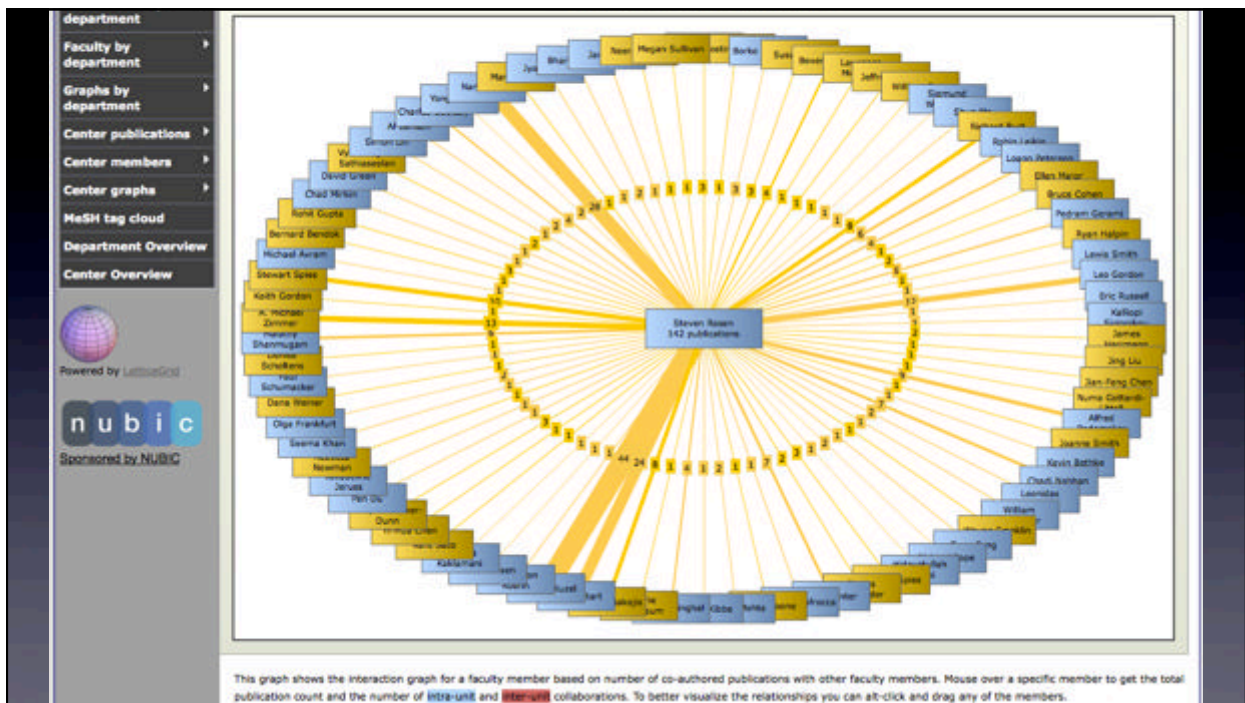
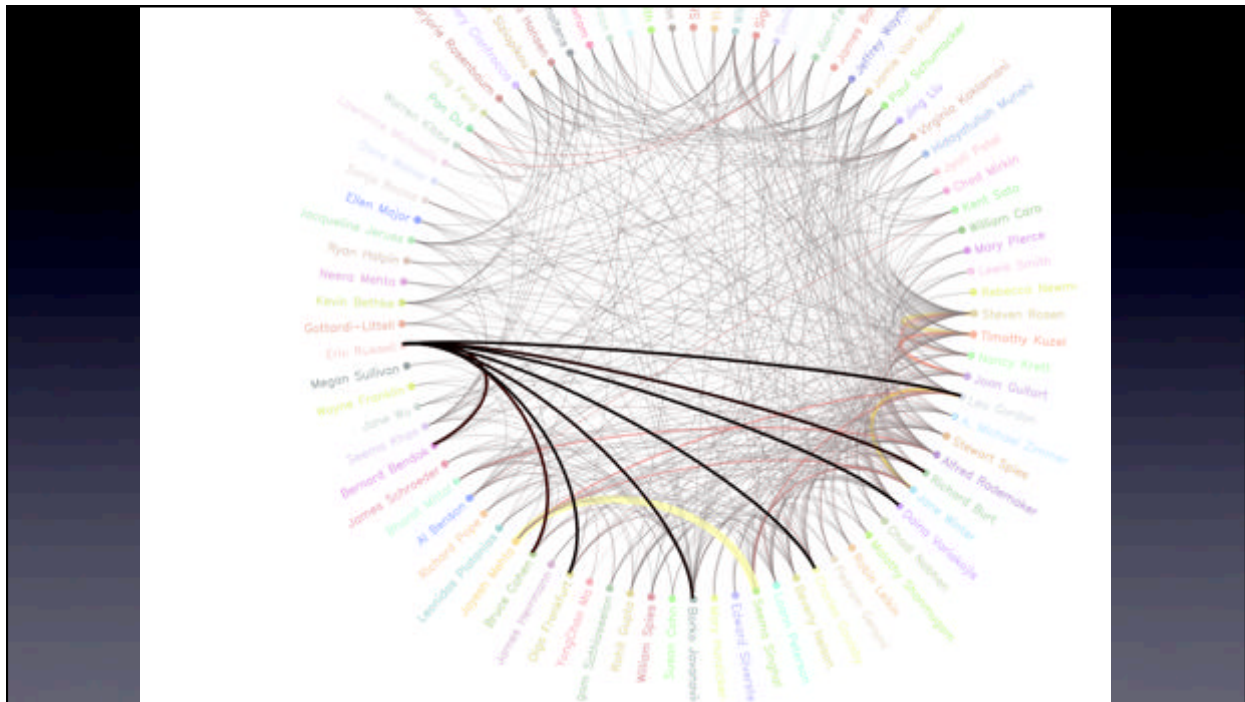
Tang, G. L.; Matsumura, J. S.; Mionsich, M. D.; Pearce, W. H.; Nguyen, A.; Amaranto, D.; Eskandar, M. K. Carotid angioplasty and stenting vs carotid endarterectomy for treatment of symptomatic disease: single-center experience. *Ann Surg* (2006) 143:663-669.

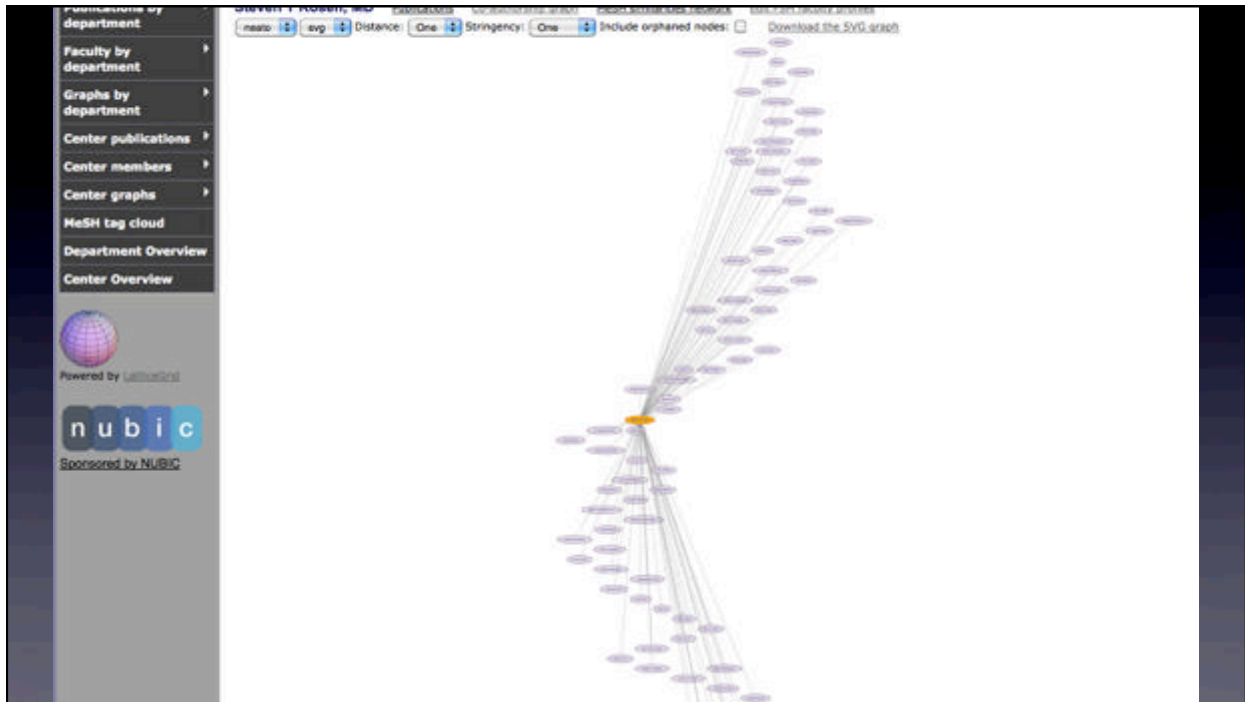
Wheel graph showing the co-publications for Steven Rosen

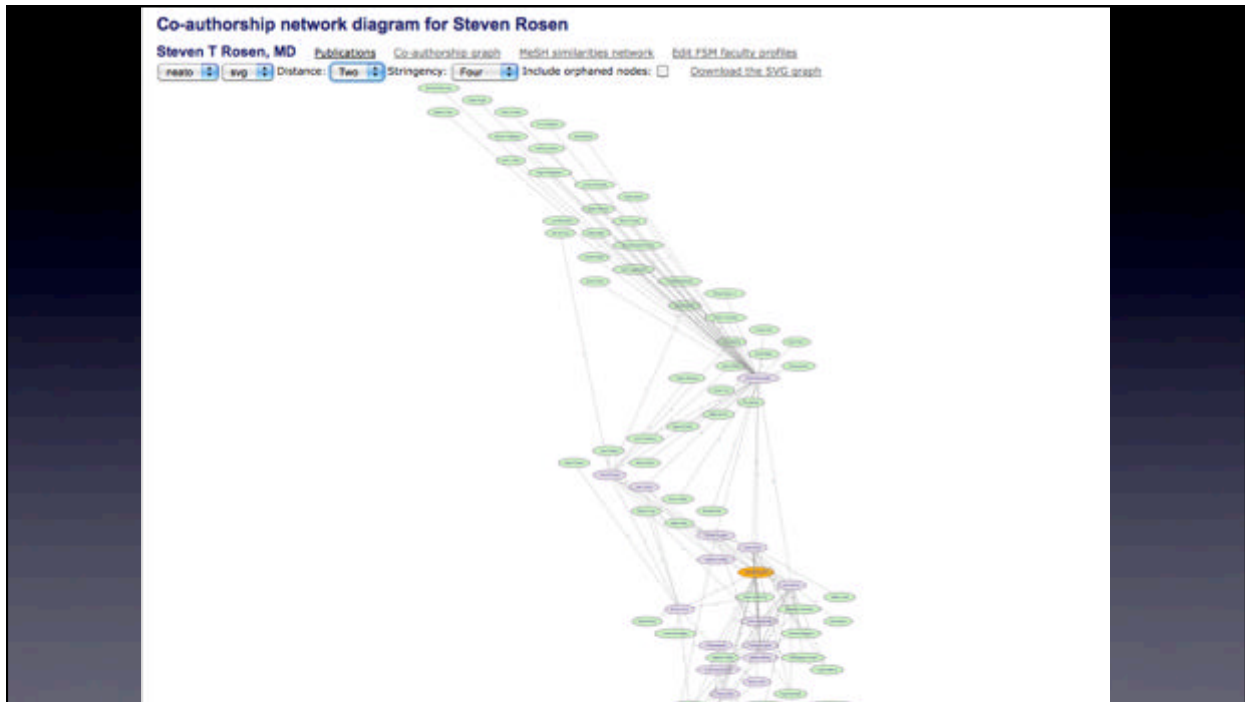


Wheel graph showing the co-publications for Steven Rosen









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to select dates

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to select dates

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Abecasis, Michael M |

Abern, Steven B

Abicht, Travis Owen

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Preventive Medicine-Biomedical Informatics Overview

14 publications. Publication Listing from 1/1/2009 to 1/1/2011

| PubMed ID | PMC ID | Impact | Publications | |
|-----------|------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 19382862 | PMC2956569 | 0.967 | Hillman, C. A.; Cimino, J. J.; Lai, A. M.; Kaufman, D. R.; Starren, J. B.; Shea, S. The effects of redesigning the IDEATel architecture on glucose uploads , <i>Telemed J E Health</i> (2009) 15:248-254. | Starren |
| 21169620 | PMC3005876 | 3.974 | Bloomrosen, M.; Starren, J.; Lorenz, N. M.; Ash, J. S.; Patel, V. L.; Shortliffe, E. H. Anticipating and addressing the unintended consequences of health IT and policy: a report from the AMA 2009 Health Policy Meeting , <i>J Am Med Inform Assoc</i> (2011) 18:82-90. | Starren |
| 20431360 | N/A | 0.953 | Robinson, K. S.; Morin, P. C.; Shupe, J. A.; Izquierdo, R.; Plouz-Snyder, R.; Meyer, S.; Teresi, J. A.; Starren, J.; Shea, S.; Weinstock, R. S. Use of three computer training methods in elderly underserved rural patients enrolled in a diabetes telemedicine program , <i>Comput Inform Nurs</i> (2010) 28:172-177. | Starren |
| 20377807 | N/A | | Wilke, R. A.; Berg, R. L.; Linneman, J. G.; Peissig, P.; Starren, J.; Ritchie, M. D.; McCarty, C. A. Quantification of the clinical modifiers impacting high-density lipoprotein cholesterol in the community , <i>Personalized Medicine Research Project</i> , <i>Prev Cardio</i> (2010) 13:63-66. | Starren |
| 20190064 | PMC3000788 | 3.974 | Palmas, W.; Shea, S.; Starren, J.; Teresi, J. A.; Ganz, M. L.; Burton, T. M.; Pashos, C. L.; Bustin, J.; Field, L.; Morin, P. C.; Izquierdo, R. E.; Silver, S.; Elmick, J. P.; Lantigua, R. A.; Weinstock, R. S. Medicare payments, healthcare service use, and telemedicine implementation costs in a randomized trial comparing telemedicine case management with usual care in medically underserved participants with diabetes mellitus (IDEATel) , <i>J Am Med Inform Assoc</i> (2010) 17:196-202. | Starren |
| 19955195 | N/A | | Williams, S. L.; Wang, L.; Kane, S. A.; Lee, T. C.; Weissgold, D. J.; Berrocal, A. M.; Rabinowitz, D.; Starren, J.; Flynn, J. T.; Chiang, M. F. Telemedical diagnosis of retinopathy of prematurity: accuracy of expert versus non-expert graders , <i>Br J Ophthalmol</i> (2010) 94:351-356. | Starren Williams |
| 19840720 | PMC2795401 | 1.07 | Chiang, M. F.; Geiman, R.; Martinez-Perez, M. E.; Du, Y. E.; Casper, D. S.; Curie, L. M.; Shah, P. D.; Starren, J.; Flynn, J. T. Image analysis for retinopathy of prematurity diagnosis , <i>J AAPOS</i> (2009) 13:436-445. | Starren Shah |
| 19774364 | N/A | | Lee, J. Y.; Du, Y. E.; Coki, O.; Flynn, J. T.; Starren, J.; Chiang, M. F. Parental perceptions toward digital imaging and telemedicine for retinopathy of prematurity management , <i>Opticks Arch Clin Exp Ophthalmol</i> (2010) 248:141-147. | Starren |
| 19684742 | PMC2780626 | | Richter, G. M.; Williams, S. L.; Starren, J.; Flynn, J. T.; Chiang, M. F. Telemedicine for retinopathy of prematurity diagnosis: evaluation and challenges , <i>Surv Ophthalmol</i> (2009) 54:671-685. | Starren Williams |
| 19620023 | PMC2757535 | 3.126 | Lai, A. M.; Kaufman, D. R.; Starren, J.; Shea, S. Evaluation of a remote training approach for teaching seniors to use a telehealth system , <i>Am J Med Inform</i> (2009) 78:732-744. | Starren |
| 19502198 | PMC2684382 | 2.338 | Bernstein, E. V.; Hersh, W. R.; Johnson, S. B.; Chute, C. G.; Nguyen, H.; Sim, I.; Nahn, M.; Weiner, M. G.; Miller, P.; DiLaura, R. P.; Overcash, M.; Lehmann, H. P.; Eichmann, D.; Athey, B. D.; Scheuermann, R. H.; Anderson, N.; Starren, J.; Harris, P. A.; Smith, J. W.; Barbour, E.; Silverstein, J. C.; Krusch, D. A.; Nagarajan, R.; Becho, M. J. Synergies and distortions between computational disciplines in biomedical research: perspective from the Clinical and Translational Science Award programs , <i>Acad Med</i> (2009) 84:964-970. | Starren Smith |

Preventive Medicine Overview

259 publications. Publication Listing from 03/31/2010 to 03/31/2011

| PubMed ID | PMC ID | Impact | Publications | |
|-----------|------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 20430942 | PMC2879316 | 4.844 | Linn, J. C. ; Warady, B. A.; Feneberg, R.; Majkowski, N. L.; Watson, A. R.; Fischbach, M.; King, H. G.; Bonzel, K. E.; Simkova, E.; Stefanidis, C. J.; Klaus, G.; Alexander, S. R.; Ekin, M.; Bilge, I.; Schaefer, F. Relapsing peritonitis in children who undergo chronic peritoneal dialysis: a prospective study of the International pediatric peritonitis registry. <i>Clin J Am Soc Nephrol</i> (2010) 5:1041-1046. | Linn, Alexander Kang |
| 20958208 | N/A | | Lin, S. X. ; Carmethon, M.; Szklo, M.; Bertoni, A. Racial/ethnic differences in the association of triglycerides with other metabolic syndrome components: the Multi-Ethnic Study of Atherosclerosis. <i>Metab Syndr Relat Disord</i> (2011) 9:35-40. | Carmethon Lin |
| 20539723 | PMC2881874 | | Zhu, N.; Suarez-Lopez, J. R.; Sidney, S.; Sternfeld, B.; Schreiner, P. J.; Carmethon, M. R.; Lewis, C. E.; Crow, R. S.; Bouchard, C.; Haskell, W. L.; Jacobs, D. R. Jr. Longitudinal examination of age-predicted symptom-limited exercise maximum HR. <i>Med Sci Sports Exerc</i> (2010) 42:1519-1527. | Carmethon |
| 20733109 | N/A | 14.816 | Palaniappan, L. P. ; Araneta, M. R.; Assimes, T. L.; Barrett-Connor, E. L.; Carmethon, M. R.; Criqui, M. H.; Fung, G. L.; Narayan, K. M.; Patel, H.; Taylor-Pilae, R. E.; Wilson, P. W.; Wong, N. D. Call to action: cardiovascular disease in Asian Americans: a science advisory from the American Heart Association. <i>Circulation</i> (2010) 122:1242-1252. | Carmethon |
| 20571017 | PMC3047456 | 29.899 | Biggs, M. L.; Mukamal, K. J.; Luchsinger, J. A.; Li, J. H.; Carmethon, M. R.; Newman, A. B.; de Boer, I. H.; Strotmeyer, E. S.; Mozaffarian, D.; Siscovick, D. S. Association between adiposity in midlife and older age and risk of diabetes in older adults. <i>JAMA</i> (2010) 303:2504-2512. | Carmethon |
| 20534749 | PMC2904037 | 6.307 | Djoussé, L.; Kammeri, A.; Nelson, T. L.; Carmethon, M.; Mozaffarian, D.; Siscovick, D.; Mukamal, K. J. Egg consumption and risk of type 2 diabetes in older adults. <i>Am J Clin Nutr</i> (2010) 92:422-427. | Carmethon |
| 20423931 | PMC2877469 | 5.589 | Murray, E. T.; Diez Roux, A. V.; Carmethon, M.; Lutsey, P. L.; Ni, H.; O'Meara, E. S. Trajectories of neighborhood poverty and associations with subclinical atherosclerosis and associated risk factors: the multi-ethnic study of atherosclerosis. <i>Am J Epidemiol</i> (2010) 171:1099-1108. | Carmethon |
| 20375194 | PMC2877477 | 5.589 | Mann, D. M.; Bertoni, A. G.; Shimbo, D.; Carmethon, M. R.; Chen, H.; Jenny, N. S.; Munter, P. Comparative validity of 3 diabetes mellitus risk prediction scoring models in a multiethnic US cohort: the Multi-Ethnic Study of Atherosclerosis. <i>Am J Epidemiol</i> (2010) 171:980-985. | Carmethon |
| 20097779 | PMC2845031 | 6.718 | Bertoni, A. G.; Burke, G. L.; Oeusu, J. A.; Carmethon, M. R.; Vaidya, D.; Barr, R. G.; Jenny, N. S.; Ouyang, P.; Rotter, J. I. Inflammation and the incidence of type 2 diabetes: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Diabetes Care</i> (2010) 33:804-810. | Carmethon |
| 20419078 | PMC2857374 | | Carmethon, M. R. Physical Activity and Cardiovascular Disease: How Much is Enough? <i>Am J Lifestyle Med</i> (2009) 3:445-495. | Carmethon |
| 20516395 | PMC2959350 | 6.614 | Carmethon, M. R. ; Evans, N. S.; Church, T. S.; Lewis, C. E.; Schreiner, P. J.; Jacobs, D. R. Jr.; Sternfeld, B.; Sidney, S. Joint associations of physical activity and aerobic fitness on the development of incident hypertension: coronary artery risk development in young adults. <i>Hypertension</i> (2010) 56:49-55. | Carmethon |
| 20569763 | N/A | 4.466 | Carmethon, M. R. ; Biggs, M. L.; Barclay, J.; Kuller, L. H.; Mozaffarian, D.; Mukamal, K.; Smith, N. L.; Siscovick, D. Diabetes and coronary heart disease as risk factors for mortality in older adults. <i>Am J Med</i> (2010) 123:556-e1-556.e5. | Carmethon |

Impact Factor Listing

Journal rankings for the most recent ranking period (2009) were used in this analysis. Only publications from 2010 are included. There were a total of 1702 publications during this period, with 455 high impact publications out of 1381 publications with impact factors listed, and 316 publications from journals without ISI listed impact factors or for which ISI and PubMed list the journals differently.

Please keep in mind that the size of the field and patterns of publication are very important when interpreting Impact Factors - the. See this Wikipedia article for more information: [About Impact Factors](#). The Article Influence Score might be a better way to rank the publications. See this Wikipedia article for more information: [About Eigenfactor and Article Influence Score](#).

Click on a heading to re-sort.

| # | Journal | Faculty Pubs | ISSN | Total Citations (2009) | Total Articles (2009) | Impact Factor | Impact Factor (5 year) | Immediacy Index | Eigenfactor | Influence Score |
|----|-------------------------------------|--------------|-----------|------------------------|-----------------------|---------------|------------------------|-----------------|-------------|-----------------|
| 1 | N Engl J Med | 5 | 0026-4793 | 216752 | 352 | 47.05 | 51.41 | 14.557 | 0.67236 | 19.868 |
| 2 | Nature | 6 | 0028-0836 | 483039 | 866 | 34.48 | 32.906 | 6.209 | 1.74605 | 18.062 |
| 3 | Nat Genet | 5 | 1061-4036 | 69988 | 209 | 34.284 | 29.788 | 8.411 | 0.33184 | 15.586 |
| 4 | Cell | 3 | 0092-8674 | 153972 | 359 | 31.152 | 32.628 | 6.825 | 0.69859 | 20.124 |
| 5 | Science | 5 | 0036-8075 | 444643 | 897 | 29.747 | 31.052 | 6.531 | 1.52308 | 16.58 |
| 6 | Nat Rev Cancer | 1 | 1474-175X | 22298 | 72 | 29.538 | 34.983 | 5.903 | 0.12531 | 14.978 |
| 7 | Nat Mater | 1 | 1476-1122 | 24465 | 134 | 29.504 | 28.507 | 5.91 | 0.1993 | 14.314 |
| 8 | Jama-J Am Med Assoc | 10 | 0098-7484 | 117090 | 234 | 28.899 | 27.753 | 7.038 | 0.3316 | 11.421 |
| 9 | Nat Rev Neurosci | 2 | 1471-003X | 18553 | 72 | 26.483 | 29.814 | 4.361 | 0.11425 | 14.797 |
| 10 | Nat Nanotechnol | 1 | 1748-3387 | 6461 | 126 | 26.309 | 27.67 | 3.937 | 0.06108 | 13.85 |
| 11 | Cancer Cell | 2 | 1536-6108 | 15367 | 82 | 25.288 | 26.636 | 7.317 | 0.10953 | 12.682 |
| 12 | Cell Stem Cell | 2 | 1934-0909 | 4007 | 96 | 23.563 | 23.563 | 6.724 | 0.04396 | 14.875 |
| 13 | Immunity | 2 | 1074-7613 | 27330 | 152 | 20.589 | 19.555 | 4.836 | 0.15635 | 11.246 |
| 14 | Chem Soc Rev | 1 | 0306-0012 | 17601 | 223 | 20.086 | 19.953 | 5.314 | 0.07082 | 6.408 |
| 15 | Nat Cell Biol | 1 | 1465-7392 | 25507 | 167 | 19.527 | 19.062 | 4.144 | 0.17676 | 11.962 |
| 16 | Lancet Neurol | 1 | 1474-4422 | 8432 | 90 | 18.126 | 15.46 | 4.578 | 0.05185 | 5.701 |
| 17 | J Clin Oncol | 4 | 0732-183X | 104253 | 812 | 17.793 | 15.969 | 3.964 | 0.36629 | 4.528 |
| 18 | Nat Methods | 1 | 1548-7091 | 8697 | 120 | 16.874 | 16.907 | 4.217 | 0.08776 | 8.712 |
| 19 | Ann Intern Med | 6 | 0003-4819 | 45184 | 174 | 16.225 | 16.552 | 4.098 | 0.12008 | 6.772 |
| 20 | Nat Chem Biol | 1 | 1552-4450 | 5101 | 123 | 16.058 | 16.738 | 3.472 | 0.0486 | 8.37 |

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Otolaryngology - Head and Neck Surgery Overview
55 publications. Publication Listing from 1/1/2009 to 12/31/2009

| PubMed ID | PMC ID | Impact | Publications | |
|-------------|------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 18853454 | N/A | 2.283 | Stumpe, M. R.; Chandra, R. K.; Yunus, F.; Samant, S. Incidence and risk factors of bisphosphonate-associated osteonecrosis of the jaws. <i>Head Neck</i> (2009) 31:202-206. | Chandra |
| 19318887 | N/A | 1.136 | Chandra, R. K.; Patadia, M. O.; Raviv, J. Diagnosis of nasal airway obstruction. <i>Otolaryngol Clin North Am</i> (2009) 42:207-25, vii. | Chandra Kato Grammer Peters Kuperman Avila Schleimer Conley |
| •• 19387032 | PMC2677404 | | Schleimer, R. P.; Kato, A.; Peters, A.; Conley, D.; Kim, J.; Liu, M. C.; Harris, K. E.; Kuperman, D. A.; Chandra, R.; Favoreto, S. Jr; Avila, P. C.; Grammer, L. C.; Kern, R. C. Epithelium, inflammation, and immunity in the upper airways of humans: studies in chronic rhinosinusitis. <i>Proc Am Thorac Soc</i> (2009) 6:288-294. | Kim Chandra Kern Grammer Schleimer Conley |
| •• 19401038 | N/A | 2.252 | Pearlman, A. N.; Chandra, R. K.; Chang, D.; Conley, D. B.; Tripathi-Peters, A.; Grammer, L. C.; Schleimer, R. T.; Kern, R. C. Relationships between severity of chronic rhinosinusitis and nasal polyposis, asthma, and atopy. <i>Am J Rhinol Allergy</i> (2009) 23:145-148. | Conley Chandra Kern |
| * 19455683 | N/A | 1.85 | Richter, C. P.; Shintani-Smith, S.; Fishman, A.; David, C.; Robinson, I.; Rau, C. Imaging of cochlear tissue with a grating interferometer and hard X-rays. <i>Microsc Res Tech</i> (2009) 72:902-907. | Fishman Rau Richter |

How to install

- Get ahold of me
wakibbe@northwestern.edu
- Install as a VM
- Download from Github:
<https://github.com/wakibbe/LatticeGrid/>



What is LatticeGrid?

- LatticeGrid is a modular, flexible approach to assessing collaboration patterns using institutional and public data, such as PubMed. LatticeGrid can incorporate data from a variety of sources, integrate it around organizational constructs such as centers and departments, and build models of collaboration patterns. Importantly, LatticeGrid provides flexible mechanisms for acquiring and processing these data and can consume ontological representations of annotations, enabling an automated, knowledge-based analysis of semantic content of connections between investigators and projects. The ability of LatticeGrid to define collaboration teams “on the fly” is a unique feature not found in other collaboration tools. Another unique component of LatticeGrid is that it provides multiple ways to represent physical and virtual relationships between investigators and map those organizations onto collaboration patterns between investigators and knowledge management platforms.