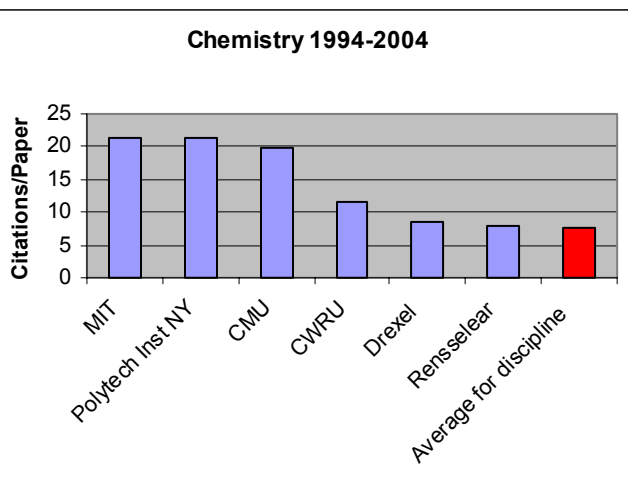


Drexel University's **CHEMISTRY**

Research Impact 1994-2004
as ranked against benchmark schools
by citation analysis
in ISI's Essential Science Indicators



What is citation analysis?

As form of bibliometrics, it can be defined as "The statistical analysis of the means of communication in order to illuminate the processes of communication, the factors which influence them and the inter-relationships between the history and sociology of a science and the literature of the science." ([Pritchard, 1969](#))

Why is citation analysis important to you?

The number of citations to a given article, author, institution or journal is a measure its impact on its discipline. Faculty seeking tenure, departments seeking funding, and journals seeking submissions all refer to their impact factor in one way or another.

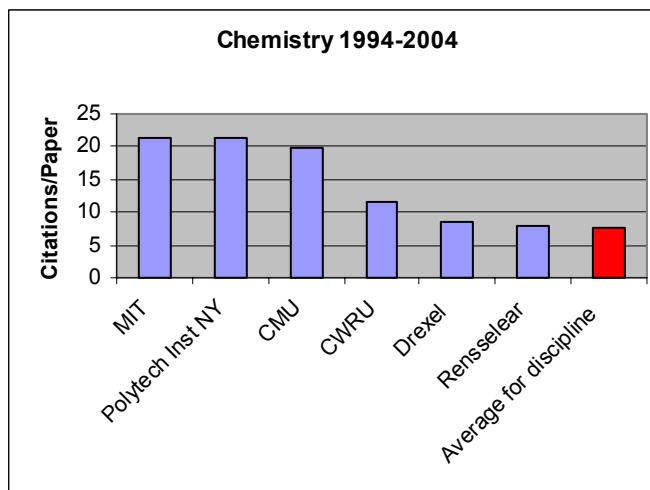
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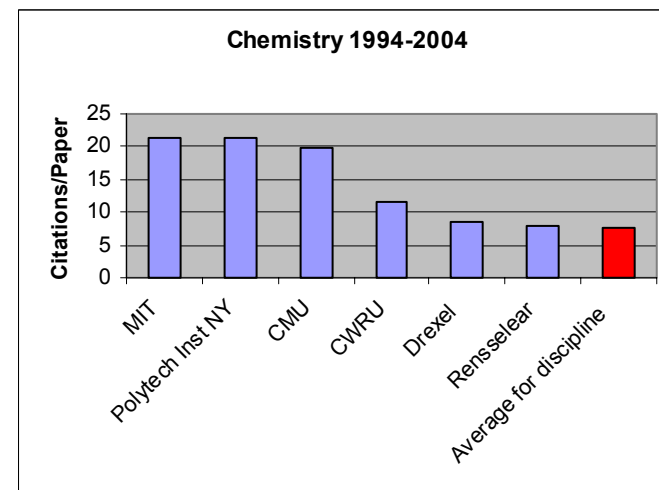
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Top-cited Chemistry papers ('94-'04)

Citations: 99

Title: NUMERICAL SIMULATION OF ELECTROOSMOTIC FLOW
Authors: PATANKAR NA; HU HH
Source: ANAL CHEM 70: (9) 1870-1881 MAY 1 1998
Addresses: DREXEL UNIV, DEPT MECH ENGN & APPL MECH

Citations: 98

Title: COMPLETE RESOLUTION OF THE SOLID-STATE NMR SPECTRUM OF A UNIFORMLY N-15-LABELED MEMBRANE PROTEIN IN PHOSPHOLIPID BILAYERS
Authors: MARASSI FM; RAMAMOORTHY A; OPELLA SJ
Source: PROC NAT ACAD SCI USA 94: (16) 8551-8556 AUG 5 '97
Addresses: DREXEL UNIV, DEPT CHEM

Citations: 86

Title: THE M(N+1)AX(N) PHASES: A NEW CLASS OF SOLIDS; THERMODYNAMICALLY STABLE NANOLAMINATES
Authors: BARSOUM MW
Source: PROG SOLID STATE CHEM 28: (1-4) 201-281 2000
Addresses: DREXEL UNIV, DEPT MAT ENGN

Citations: 54

Title: MESOPOROUS ALUMINOSILICATES WITH ORDERED HEXAGONAL STRUCTURE, STRONG ACIDITY, AND EXTRAORDINARY HYDROTHERMAL STABILITY AT HIGH TEMPERATURES
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Addresses: JILIN UNIV, DEPT CHEM, CHANGCHUN 130023, PEOPLES R CHINA. CHINESE ACAD SCI, CTR CONDENSED MATTER PHYS, BEIJING LAB ELECTRON MICROG, BEIJING, PEOPLES R CHINA. CHINESE ACAD SCI, INST PHYS, BEIJING, PEOPLES R CHINA. FUDAN UNIV, DEPT CHEM, SHANGHAI 200433, PEOPLES R CHINA. DREXEL UNIV, DEPT CHEM, PHILADELPHIA, PA 19104

Citations: 8

Title: THE CONFORMATION OF TETRAALANINE IN WATER DETERMINED BY POLARIZED RAMAN, FT-IR, AND VCD SPECTROSCOPY
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Source: J AM CHEM SOC 126: (9) 2768-2776 MAR 10 2004
Addresses: DREXEL UNIV, DEPT CHEM, 32ND & CHESTNUT ST, PHILADELPHIA, PA 19104 USA. UNIV PUERTO RICO, DEPT CHEM, SAN JUAN, PR 00931 USA. UNIV PUERTO RICO, DEPT BIOL, SAN JUAN, PR 00931 USA. SYRACUSE UNIV, DEPT CHEM, SYRACUSE, NY 13244 USA.

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