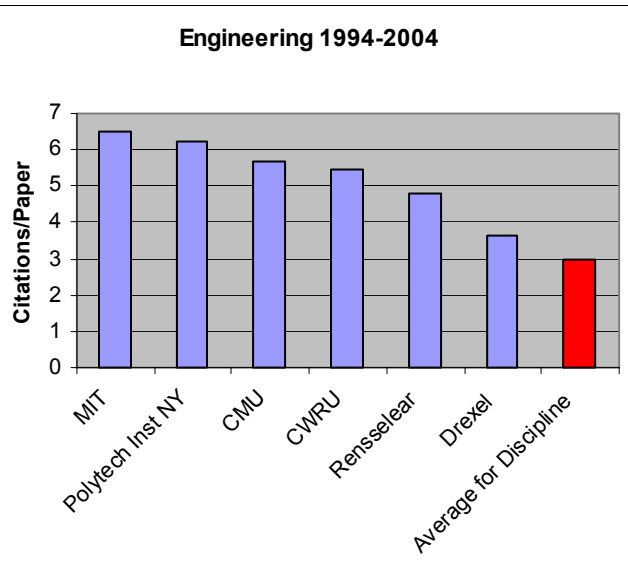


Drexel University's ENGINEERING

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?

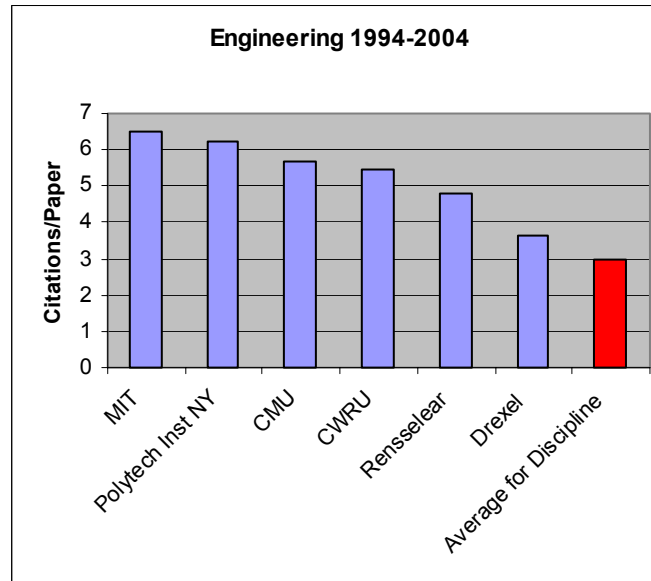
The number of citations to a given article, author, institution or journal is a measure its impact on its discipline. Faculty seeking tenure, departments seeking funding, and journals seeking submissions all refer to their impact factor in one way or another.

See back for a list of Drexel's most cited Engineering papers.

Questions? Email dominymf@drexel.edu or siftar@drexel.edu.
To try citation analysis on Thomson/ISI's Web of Science:
<http://www.library.drexel.edu/resources/dbinfo/was.html>

Drexel University's ENGINEERING

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?

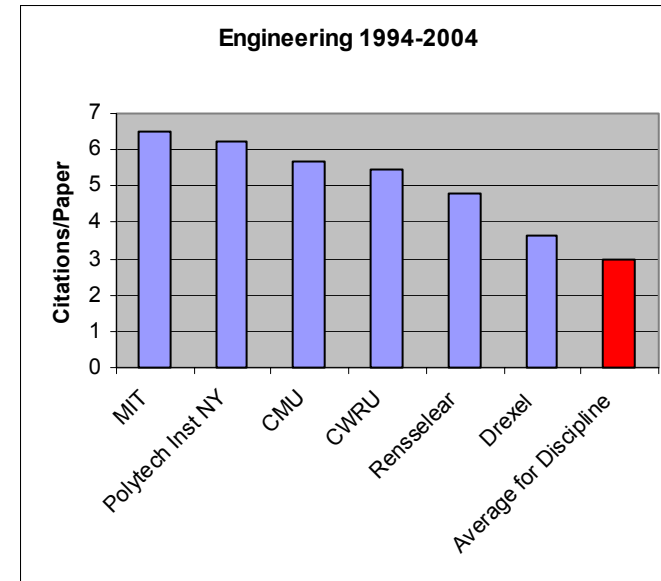
The number of citations to a given article, author, institution or journal is a measure its impact on its discipline. Faculty seeking tenure, departments seeking funding, and journals seeking submissions all refer to their impact factor in one way or another.

See back for a list of Drexel's most cited Engineering papers.

Questions? Email dominymf@drexel.edu or siftar@drexel.edu.
To try citation analysis on Thomson/ISI's Web of Science:
<http://www.library.drexel.edu/resources/dbinfo/was.html>

Drexel University's ENGINEERING

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.

See back for a list of Drexel's most cited Engineering papers.

Questions? Email dominymf@drexel.edu or siftar@drexel.edu.
To try citation analysis on Thomson/ISI's Web of Science:
<http://www.library.drexel.edu/resources/dbinfo/was.html>

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

Citations: 67

Title: ELECTROSPRAY SAMPLE PREPARATION FOR IMPROVED QUANTIFICATION IN MATRIX-ASSISTED LASER DESORPTION/IONIZATION TIME-OF-FLIGHT MASS SPECTROMETRY
Authors: HENSEL RR; KING RC; OWENS KG
Source: RAPID COMMUN MASS SPECTROM 11: (16) 1785-1793 1997
Addresses: DREXEL UNIV, DEPT CHEM, (OTHER AUTHOR AFF. REMOVED)

Citations: 56

Title: ASSESSING THE RISK POSED BY OOCYSTS IN DRINKING WATER
Authors: HAAS CN; CROCKETT CS; ROSE JB; GERBA CP; FAZIL AM
Source: J AMER WATER WORK ASSN 88: (9) 131-136 SEP 1996
Addresses: DREXEL UNIV, BLDG 29-W (OTHER AUTHOR AFF. REMOVED)

Citations: 45

Title: RICHTMYER-MESHKOV INSTABILITY GROWTH: EXPERIMENT, SIMULATION AND THEORY
Authors: HOLMES RL; DIMONTE G; FRYXELL B; GITTINGS ML; GROVE JW; SCHNEIDER M; SHARP DH; VELIKOVICH AL; WEAVER RP; ZHANG Q
Source: J FLUID MECH 389: 55-79 JUN 25 1999
Addresses: DREXEL UNIV, DEPT PHYS & ATMOSPHER SCI (OTHER AUTHOR AFFILIATIONS REMOVED)

Citations: 37

Title: TISSUE ENGINEERING: ORTHOPEDIC APPLICATIONS
Authors: LAURENCIN CT; AMBROSIO AMA; BORDEN MD; COOPER JA
Source: ANNU REV BIOMED ENG 1: 19-46 1999
Addresses: DREXEL UNIV, DEPT CHEM ENGN, CTR ADV BIOMAT & TISSUE ENGN, PHILADELPHIA, PA 19104 USA.

Citations: 24

Title: COMPARISON OF TWO GRAIN INTERACTION MODELS FOR POLY-CRYSTAL PLASTICITY AND DEFORMATION TEXTURE PREDICTION
Authors: VAN HOUTTE P; DELANNAY L; KALIDINDI SR
Source: INT J PLASTICITY 18: (3) 359-377 2002
Addresses: Drexel Univ, Dept Mat Engn, (others Removed)

Citations: 19

Title: EVOLUTION OF GRAIN-SCALE MICROSTRUCTURE DURING LARGE STRAIN SIMPLE COMPRESSION OF POLYCRYSTALLINE ALUMINUM WITH QUASI-COLUMNAR GRAINS: OIM MEASUREMENTS & NUMERICAL SIMULATIONS
Authors: BHATTACHARYYA A; EL-DANAF E; KALIDINDI SR; DOHERTY RD
Source: INT J PLASTICITY 17: (6) 861-883 2001
Addresses: Drexel Univ, Dept Mat Engn, (others Removed)

Citations: 14

Title: MODELING AND CONTROL OF FORMATIONS OF NONHOLONOMIC MOBILE ROBOTS
Authors: DESAI JP; OSTROWSKI JP; KUMAR V
Source: IEEE TRANS ROBOTICS AUTOMAT 17: (6) 905-908 DEC 2001
Drexel Univ, Program Robot, Intelligent Sensing & Mechatron PRISM Lab, Dept Mech Engn & Mech (other Removed)

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

Citations: 67

Title: ELECTROSPRAY SAMPLE PREPARATION FOR IMPROVED QUANTIFICATION IN MATRIX-ASSISTED LASER DESORPTION/IONIZATION TIME-OF-FLIGHT MASS SPECTROMETRY
Authors: HENSEL RR; KING RC; OWENS KG
Source: RAPID COMMUN MASS SPECTROM 11: (16) 1785-1793 1997
Addresses: DREXEL UNIV, DEPT CHEM, (OTHER AUTHOR AFF. REMOVED)

Citations: 56

Title: ASSESSING THE RISK POSED BY OOCYSTS IN DRINKING WATER
Authors: HAAS CN; CROCKETT CS; ROSE JB; GERBA CP; FAZIL AM
Source: J AMER WATER WORK ASSN 88: (9) 131-136 SEP 1996
Addresses: DREXEL UNIV, BLDG 29-W (OTHER AUTHOR AFF. REMOVED)

Citations: 45

Title: RICHTMYER-MESHKOV INSTABILITY GROWTH: EXPERIMENT, SIMULATION AND THEORY
Authors: HOLMES RL; DIMONTE G; FRYXELL B; GITTINGS ML; GROVE JW; SCHNEIDER M; SHARP DH; VELIKOVICH AL; WEAVER RP; ZHANG Q
Source: J FLUID MECH 389: 55-79 JUN 25 1999
Addresses: DREXEL UNIV, DEPT PHYS & ATMOSPHER SCI (OTHER AUTHOR AFFILIATIONS REMOVED)

Citations: 37

Title: TISSUE ENGINEERING: ORTHOPEDIC APPLICATIONS
Authors: LAURENCIN CT; AMBROSIO AMA; BORDEN MD; COOPER JA
Source: ANNU REV BIOMED ENG 1: 19-46 1999
Addresses: DREXEL UNIV, DEPT CHEM ENGN, CTR ADV BIOMAT & TISSUE ENGN, PHILADELPHIA, PA 19104 USA.

Citations: 24

Title: COMPARISON OF TWO GRAIN INTERACTION MODELS FOR POLY-CRYSTAL PLASTICITY AND DEFORMATION TEXTURE PREDICTION
Authors: VAN HOUTTE P; DELANNAY L; KALIDINDI SR
Source: INT J PLASTICITY 18: (3) 359-377 2002
Addresses: Drexel Univ, Dept Mat Engn, (others Removed)

Citations: 19

Title: EVOLUTION OF GRAIN-SCALE MICROSTRUCTURE DURING LARGE STRAIN SIMPLE COMPRESSION OF POLYCRYSTALLINE ALUMINUM WITH QUASI-COLUMNAR GRAINS: OIM MEASUREMENTS & NUMERICAL SIMULATIONS
Authors: BHATTACHARYYA A; EL-DANAF E; KALIDINDI SR; DOHERTY RD
Source: INT J PLASTICITY 17: (6) 861-883 2001
Addresses: Drexel Univ, Dept Mat Engn, (others Removed)

Citations: 14

Title: MODELING AND CONTROL OF FORMATIONS OF NONHOLONOMIC MOBILE ROBOTS
Authors: DESAI JP; OSTROWSKI JP; KUMAR V
Source: IEEE TRANS ROBOTICS AUTOMAT 17: (6) 905-908 DEC 2001
Drexel Univ, Program Robot, Intelligent Sensing & Mechatron PRISM Lab, Dept Mech Engn & Mech (other Removed)

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

Citations: 67

Title: ELECTROSPRAY SAMPLE PREPARATION FOR IMPROVED QUANTIFICATION IN MATRIX-ASSISTED LASER DESORPTION/IONIZATION TIME-OF-FLIGHT MASS SPECTROMETRY
Authors: HENSEL RR; KING RC; OWENS KG
Source: RAPID COMMUN MASS SPECTROM 11: (16) 1785-1793 1997
Addresses: DREXEL UNIV, DEPT CHEM, (OTHER AUTHOR AFF. REMOVED)

Citations: 56

Title: ASSESSING THE RISK POSED BY OOCYSTS IN DRINKING WATER
Authors: HAAS CN; CROCKETT CS; ROSE JB; GERBA CP; FAZIL AM
Source: J AMER WATER WORK ASSN 88: (9) 131-136 SEP 1996
Addresses: DREXEL UNIV, BLDG 29-W (OTHER AUTHOR AFF. REMOVED)

Citations: 45

Title: RICHTMYER-MESHKOV INSTABILITY GROWTH: EXPERIMENT, SIMULATION AND THEORY
Authors: HOLMES RL; DIMONTE G; FRYXELL B; GITTINGS ML; GROVE JW; SCHNEIDER M; SHARP DH; VELIKOVICH AL; WEAVER RP; ZHANG Q
Source: J FLUID MECH 389: 55-79 JUN 25 1999
Addresses: DREXEL UNIV, DEPT PHYS & ATMOSPHER SCI (OTHER AUTHOR AFFILIATIONS REMOVED)

Citations: 37

Title: TISSUE ENGINEERING: ORTHOPEDIC APPLICATIONS
Authors: LAURENCIN CT; AMBROSIO AMA; BORDEN MD; COOPER JA
Source: ANNU REV BIOMED ENG 1: 19-46 1999
Addresses: DREXEL UNIV, DEPT CHEM ENGN, CTR ADV BIOMAT & TISSUE ENGN, PHILADELPHIA, PA 19104 USA.

Citations: 24

Title: COMPARISON OF TWO GRAIN INTERACTION MODELS FOR POLY-CRYSTAL PLASTICITY AND DEFORMATION TEXTURE PREDICTION
Authors: VAN HOUTTE P; DELANNAY L; KALIDINDI SR
Source: INT J PLASTICITY 18: (3) 359-377 2002
Addresses: Drexel Univ, Dept Mat Engn, (others Removed)

Citations: 19

Title: EVOLUTION OF GRAIN-SCALE MICROSTRUCTURE DURING LARGE STRAIN SIMPLE COMPRESSION OF POLYCRYSTALLINE ALUMINUM WITH QUASI-COLUMNAR GRAINS: OIM MEASUREMENTS & NUMERICAL SIMULATIONS
Authors: BHATTACHARYYA A; EL-DANAF E; KALIDINDI SR; DOHERTY RD
Source: INT J PLASTICITY 17: (6) 861-883 2001
Addresses: Drexel Univ, Dept Mat Engn, (others Removed)

Citations: 14

Title: MODELING AND CONTROL OF FORMATIONS OF NONHOLONOMIC MOBILE ROBOTS
Authors: DESAI JP; OSTROWSKI JP; KUMAR V
Source: IEEE TRANS ROBOTICS AUTOMAT 17: (6) 905-908 DEC 2001
Drexel Univ, Program Robot, Intelligent Sensing & Mechatron PRISM Lab, Dept Mech Engn & Mech (other Removed)