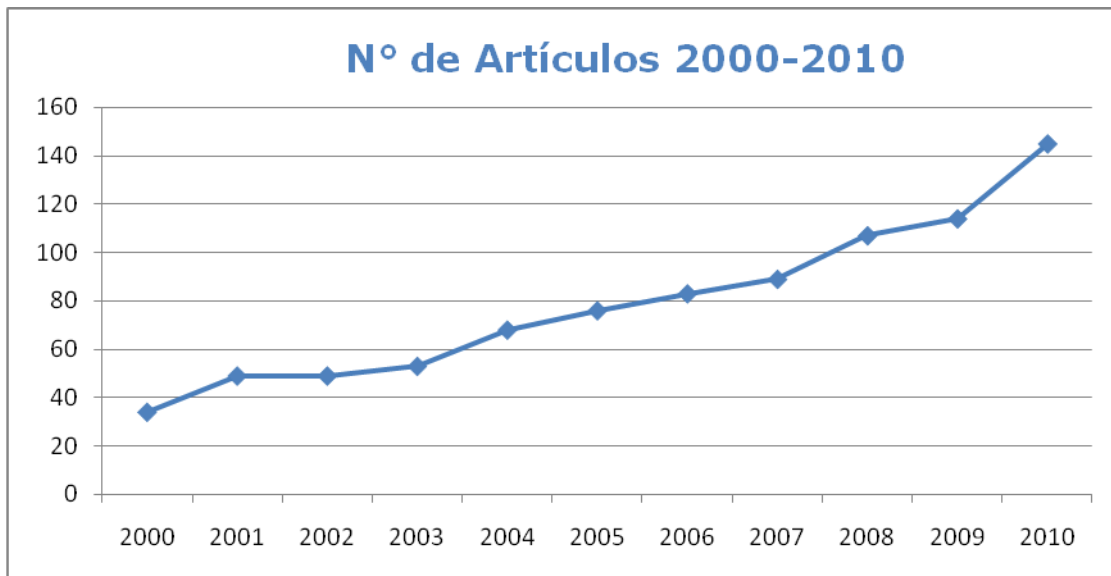


## Estudio Bilateral Artículos en colaboración Chile-México

Fuente: ISI Web of Science  
Programa de Información Científica CONICYT  
22/08/2011

Durante el período 2000-2010 se han generado 867 artículos ISI, su distribución para cada año demuestra una creciente colaboración entre ambos países, con un aumento sustantivo especialmente en los últimos cuatro años:



En esta década, se concentra la mayor productividad en las siguientes áreas temáticas<sup>1</sup>:

Instituciones	N° de artículos	Porcentaje de 867	Gráfica
ASTRONOMY ASTROPHYSICS	149	17.186 %	■
ECOLOGY	43	4.960 %	■
MARINE FRESHWATER BIOLOGY	43	4.960 %	■
PHARMACOLOGY PHARMACY	36	4.152 %	■
CHEMISTRY PHYSICAL	32	3.691 %	■
PUBLIC ENVIRONMENTAL OCCUPATIONAL HEALTH	31	3.576 %	■
PHYSICS ATOMIC MOLECULAR CHEMICAL	30	3.460 %	■
PHYSICS PARTICLES FIELDS	29	3.345 %	■
PLANT SCIENCES	26	2.999 %	■
INFECTIOUS DISEASES	23	2.653 %	■

<sup>1</sup> Ver en anexo 1 las 100 áreas más trabajadas.

## Autores e Instituciones

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El detalle de autores e instituciones de ambos países se adjunta en anexo.

Las principales instituciones en colaboración son:

Instituciones	N° de artículos	Porcentaje de 867	Gráfica
UNIV NACL AUTONOMA MEXICO	260	29.988 %	
UNIV CHILE	220	25.375 %	
PONTIFICIA UNIV CATOLICA CHILE	155	17.878 %	
UNIV CONCEPCION	127	14.648 %	
EUROPEAN SO OBSERV	40	4.614 %	
INST POLITECN NACL	40	4.614 %	
UNIV AUTONOMA METROPOLITANA IZTAPALAPA	38	4.383 %	
UNIV VALPARAISO	37	4.268 %	
UNIV AUSTRAL CHILE	35	4.037 %	
UNIV BIO BIO	35	4.037 %	

### Con que instituciones mexicanas colabora principalmente la Universidad de Chile?

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Univ Nacl Autonoma Mexico, Inst Astron, Mexico City 04510, DF, Mexico
Univ Autonoma Metropolitana, Unidad Iztapalapa Mexico, Mexico City, DF, Mexico
Inst Politecn Nacl, Ctr Invest & Estudios Avanzados, Dept Quim, Mexico City, DF, Mexico
CICESE, Ensenada 22860, Baja California, Mexico
Univ Michoacana, Morelia, Michoacan, Mexico

### Con que instituciones mexicanas colabora principalmente la Pontificia Universidad Católica de Chile?

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Univ Nacl Autonoma Mexico, Inst Fis, Mexico City 01000, DF, Mexico
CINVESTAV, Unidad Queretaro, Queretaro 76230, Qro, Mexico
Univ Nacl Autonoma Mexico, Mexico City 04510, DF, Mexico
Inst Resp Dis, Mexico City, DF, Mexico
Inst Nacl Enfermedades Resp, Mexico City 14080, DF, Mexico
Inst Nacl Salud Publ, Mexico City, DF, Mexico

## Con qué instituciones mexicanas colabora principalmente la Universidad de Concepción?

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Univ Nacl Autonoma Mexico, Mexico City 04510, DF, Mexico
Colegio Postgrad, Montecillo 56230, Estado Mexi, Mexico
IPN, Ctr Invest Ciencia Aplicada Tecnol Avanzada, Unidad Puebla, Puebla, Mexico
Univ Guadalajara, Dept Fis, Guadalajara 44420, Jalisco, Mexico
Univ Sonora, Dept Geol, Hermosillo, Sonora, Mexico
Univ Guanajuato, Inst Fis, Leon Guanajuato 37150, Mexico

## Con qué instituciones mexicanas colabora principalmente la Universidad de Valparaíso?

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Univ Nacl Autonoma Mexico, Mexico City 04510, DF, Mexico
Univ Autonoma Agr Antonio Narro, Dept Estadist & Calculo, Saltillo, Coahuila, Mexico
Benemerita Univ Autonoma Puebla, Inst Fisiol, Puebla, Mexico
Univ Guanajuato, FIMEE, Salamanca 36730, Mexico
Inst Nacl Ciencias Med & Nutr Salvador Zubiran, Mexico City, DF, Mexico
IPN, Ctr Invest & Estudios Avanzados, Dept Fis, Mexico City 07000, DF, Mexico

## Con qué instituciones mexicanas colabora principalmente la Universidad de Austral de Chile?

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Natl Autonomous Univ Mexico, Fac Ciencias Vet, Mexico City, DF, Mexico
Inst Politecn Nacl, Ctr Invest & Estudios Avanzados, Dept Quim, Mexico City 07000, DF, Mexico
CINVESTAV, IPN, Dept Fis Aplicada, Unidad Merida, Merida 97310, Yucatan, Mexico

## Con qué instituciones mexicanas colabora principalmente la Universidad de Bío-Bío?

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Univ Autonoma Baja California, Ensenada, Baja California, Mexico
Univ Nacl Autonoma Mexico, Inst Quim, Mexico City 04510, DF, Mexico
Ctr Invest Cient & Educ Super Ensenada, Ensenada, Baja California, Mexico

## Publicaciones

Los títulos de revistas que concentran la mayor cantidad de artículos son:

Revistas	N° artículos	Porcentaje de 867	Gráfica
ASTROPHYSICAL JOURNAL	38	4.383 %	■
ASTRONOMY ASTROPHYSICS	33	3.806 %	■
PHYSICAL REVIEW D	19	2.191 %	■
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	16	1.845 %	■
ASTRONOMICAL JOURNAL	15	1.730 %	■
INTERCIENCIA	11	1.269 %	■
JOURNAL OF SHELLFISH RESEARCH	11	1.269 %	■
PHYSICAL REVIEW B	10	1.153 %	■
SCIENCE	10	1.153 %	■
PHYSICAL REVIEW A	9	1.038 %	■
ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	6	0.692 %	■
BOLETIN LATINOAMERICANO Y DEL CARIBE DE PLANTAS MEDICINALES Y AROMATICAS	6	0.692 %	■
CHEMICAL PHYSICS LETTERS	6	0.692 %	■
JOURNAL OF ETHNOPHARMACOLOGY	6	0.692 %	■
JOURNAL OF THE CHILEAN CHEMICAL SOCIETY	6	0.692 %	■
REVISTA MEDICA DE CHILE	6	0.692 %	■
REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	6	0.692 %	■
REVISTA PANAMERICANA DE SALUD PUBLICA PAN AMERICAN JOURNAL OF PUBLIC HEALTH	6	0.692 %	■
TOXICOLOGIC PATHOLOGY	6	0.692 %	■

## ANEXO 1

100 principales áreas en colaboración Chile-México en el período 2000-2010

Áreas*	N° artículos	Porcentaje de 867	Gráfica
ASTRONOMY ASTROPHYSICS	149	17.186 %	■
ECOLOGY	43	4.960 %	■
MARINE FRESHWATER BIOLOGY	43	4.960 %	■
PHARMACOLOGY PHARMACY	36	4.152 %	■
CHEMISTRY PHYSICAL	32	3.691 %	■
PUBLIC ENVIRONMENTAL OCCUPATIONAL HEALTH	31	3.576 %	■
PHYSICS ATOMIC MOLECULAR CHEMICAL	30	3.460 %	■
PHYSICS PARTICLES FIELDS	29	3.345 %	■
PLANT SCIENCES	26	2.999 %	■
INFECTIOUS DISEASES	23	2.653 %	■
PHYSICS MULTIDISCIPLINARY	23	2.653 %	■
FISHERIES	22	2.537 %	■
BIOCHEMISTRY MOLECULAR BIOLOGY	21	2.422 %	■

RESPIRATORY SYSTEM	21	2.422 %	
CHEMISTRY MULTIDISCIPLINARY	19	2.191 %	
ENVIRONMENTAL SCIENCES	19	2.191 %	
OPTICS	19	2.191 %	
BIOTECHNOLOGY APPLIED MICROBIOLOGY	18	2.076 %	
IMMUNOLOGY	18	2.076 %	
OCEANOGRAPHY	17	1.961 %	
PHYSICS CONDENSED MATTER	17	1.961 %	
MULTIDISCIPLINARY SCIENCES	16	1.845 %	
CHEMISTRY MEDICINAL	15	1.730 %	
MATERIALS SCIENCE MULTIDISCIPLINARY	15	1.730 %	
MICROBIOLOGY	15	1.730 %	
ONCOLOGY	14	1.615 %	
MEDICINE GENERAL INTERNAL	13	1.499 %	
TOXICOLOGY	13	1.499 %	
FOOD SCIENCE TECHNOLOGY	12	1.384 %	
NUTRITION DIETETICS	12	1.384 %	
PHYSICS APPLIED	12	1.384 %	
AGRICULTURE MULTIDISCIPLINARY	11	1.269 %	
BIOLOGY	11	1.269 %	
MATHEMATICS APPLIED	11	1.269 %	
PEDIATRICS	11	1.269 %	
AGRONOMY	10	1.153 %	
CARDIAC CARDIOVASCULAR SYSTEMS	10	1.153 %	
NEUROSCIENCES	10	1.153 %	
RHEUMATOLOGY	10	1.153 %	
VETERINARY SCIENCES	10	1.153 %	
CHEMISTRY APPLIED	9	1.038 %	
CHEMISTRY INORGANIC NUCLEAR	9	1.038 %	
ENGINEERING CHEMICAL	9	1.038 %	
ENGINEERING ELECTRICAL ELECTRONIC	9	1.038 %	
OBSTETRICS GYNECOLOGY	9	1.038 %	
PATHOLOGY	9	1.038 %	
PSYCHIATRY	9	1.038 %	
STATISTICS PROBABILITY	9	1.038 %	
CELL BIOLOGY	8	0.923 %	
CHEMISTRY ANALYTICAL	8	0.923 %	
COMPUTER SCIENCE THEORY METHODS	8	0.923 %	
CRITICAL CARE MEDICINE	8	0.923 %	
GENETICS HEREDITY	8	0.923 %	
GEOSCIENCES MULTIDISCIPLINARY	8	0.923 %	
MATHEMATICS	8	0.923 %	
BIODIVERSITY CONSERVATION	7	0.807 %	
BIOPHYSICS	7	0.807 %	
COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE	7	0.807 %	
ENTOMOLOGY	7	0.807 %	
GEOCHEMISTRY GEOPHYSICS	7	0.807 %	
PERIPHERAL VASCULAR DISEASE	7	0.807 %	
REPRODUCTIVE BIOLOGY	7	0.807 %	
UROLOGY NEPHROLOGY	7	0.807 %	
ZOOLOGY	7	0.807 %	
ENDOCRINOLOGY METABOLISM	6	0.692 %	
GERIATRICS GERONTOLOGY	6	0.692 %	
HEMATOLOGY	6	0.692 %	
INTEGRATIVE COMPLEMENTARY MEDICINE	6	0.692 %	

METALLURGY METALLURGICAL ENGINEERING	6	0.692 %	
NUCLEAR SCIENCE TECHNOLOGY	6	0.692 %	
PHYSICS MATHEMATICAL	6	0.692 %	
THERMODYNAMICS	6	0.692 %	
ALLERGY	5	0.577 %	
CHEMISTRY ORGANIC	5	0.577 %	
GASTROENTEROLOGY HEPATOLOGY	5	0.577 %	
GERONTOLOGY	5	0.577 %	
MATERIALS SCIENCE CERAMICS	5	0.577 %	
MECHANICS	5	0.577 %	
NANOSCIENCE NANOTECHNOLOGY	5	0.577 %	
POLYMER SCIENCE	5	0.577 %	
WATER RESOURCES	5	0.577 %	
ANATOMY MORPHOLOGY	4	0.461 %	
ANDROLOGY	4	0.461 %	
AUTOMATION CONTROL SYSTEMS	4	0.461 %	
CLINICAL NEUROLOGY	4	0.461 %	
COMPUTER SCIENCE INFORMATION SYSTEMS	4	0.461 %	
CRYSTALLOGRAPHY	4	0.461 %	
ENGINEERING MULTIDISCIPLINARY	4	0.461 %	
EVOLUTIONARY BIOLOGY	4	0.461 %	
INSTRUMENTS INSTRUMENTATION	4	0.461 %	
MATERIALS SCIENCE COATINGS FILMS	4	0.461 %	
MEDICINE RESEARCH EXPERIMENTAL	4	0.461 %	
MINERALOGY	4	0.461 %	
OPERATIONS RESEARCH MANAGEMENT SCIENCE	4	0.461 %	
PHYSICS NUCLEAR	4	0.461 %	
PHYSIOLOGY	4	0.461 %	
COMPUTER SCIENCE SOFTWARE ENGINEERING	3	0.346 %	
DEVELOPMENTAL BIOLOGY	3	0.346 %	
ENERGY FUELS	3	0.346 %	
ENGINEERING ENVIRONMENTAL	3	0.346 %	
ENGINEERING MECHANICAL	3	0.346 %	
HEALTH CARE SCIENCES SERVICES	3	0.346 %	
HORTICULTURE	3	0.346 %	
MATHEMATICS INTERDISCIPLINARY APPLICATIONS	3	0.346 %	
METEOROLOGY ATMOSPHERIC SCIENCES	3	0.346 %	
OTORHINOLARYNGOLOGY	3	0.346 %	
PSYCHOLOGY SOCIAL	3	0.346 %	
SPECTROSCOPY	3	0.346 %	
SURGERY	3	0.346 %	
COMPUTER SCIENCE CYBERNETICS	2	0.231 %	
COMPUTER SCIENCE INTERDISCIPLINARY APPLICATIONS	2	0.231 %	
DERMATOLOGY	2	0.231 %	
ECONOMICS	2	0.231 %	
GEOLOGY	2	0.231 %	
HEALTH POLICY SERVICES	2	0.231 %	
MEDICAL LABORATORY TECHNOLOGY	2	0.231 %	
NURSING	2	0.231 %	
PALEONTOLOGY	2	0.231 %	
PHYSICS FLUIDS PLASMAS	2	0.231 %	
PSYCHOLOGY MULTIDISCIPLINARY	2	0.231 %	
RADIOLOGY NUCLEAR MEDICINE MEDICAL IMAGING	2	0.231 %	
ROBOTICS	2	0.231 %	
SOIL SCIENCE	2	0.231 %	

AGRICULTURAL ECONOMICS POLICY	1	0.115 %	
AGRICULTURAL ENGINEERING	1	0.115 %	
ANTHROPOLOGY	1	0.115 %	
AREA STUDIES	1	0.115 %	
BEHAVIORAL SCIENCES	1	0.115 %	
BIOCHEMICAL RESEARCH METHODS	1	0.115 %	
COMMUNICATION	1	0.115 %	
CONSTRUCTION BUILDING TECHNOLOGY	1	0.115 %	
DEMOGRAPHY	1	0.115 %	
DENTISTRY ORAL SURGERY MEDICINE	1	0.115 %	
EDUCATION EDUCATIONAL RESEARCH	1	0.115 %	
ENGINEERING CIVIL	1	0.115 %	
ENGINEERING INDUSTRIAL	1	0.115 %	
ENVIRONMENTAL STUDIES	1	0.115 %	
ETHICS	1	0.115 %	
FORESTRY	1	0.115 %	
HISTORY	1	0.115 %	
HUMANITIES MULTIDISCIPLINARY	1	0.115 %	
LIMNOLOGY	1	0.115 %	
MANAGEMENT	1	0.115 %	
MATERIALS SCIENCE PAPER WOOD	1	0.115 %	
MATHEMATICAL COMPUTATIONAL BIOLOGY	1	0.115 %	
MEDICAL ETHICS	1	0.115 %	
OPHTHALMOLOGY	1	0.115 %	
ORNITHOLOGY	1	0.115 %	
ORTHOPEDICS	1	0.115 %	
PARASITOLOGY	1	0.115 %	
POLITICAL SCIENCE	1	0.115 %	
PSYCHOLOGY BIOLOGICAL	1	0.115 %	
PSYCHOLOGY CLINICAL	1	0.115 %	
PSYCHOLOGY EXPERIMENTAL	1	0.115 %	
PUBLIC ADMINISTRATION	1	0.115 %	
SOCIAL ISSUES	1	0.115 %	
SOCIAL SCIENCES BIOMEDICAL	1	0.115 %	
SOCIAL SCIENCES INTERDISCIPLINARY	1	0.115 %	
TRANSPLANTATION	1	0.115 %	
TROPICAL MEDICINE	1	0.115 %	
VIROLOGY	1	0.115 %	

\*categorías web of science