

Top Academic & Research Institutions in the Top 100 Research Subject Areas of Thailand
Based on Number of Research Publications from 1 January 2008 to 31 December 2008*

Subject Area	Total Record Count	Institution Ranking (with notation on page 5)				
		1	2	3	4	5
Pharmacology & Pharmacy	311	MU	CU	PSU	KKU	NU
Infectious Diseases	258	MU	CU	CMU	MPH	TUH
Public, Environmental & Occupational Health	244	MU	AFRIMS	CU,MPH	CMU	KKU
Food Science & Technology	235	PSU	KU	CMU	CU	MU
Biochemistry & Molecular Biology	234	MU	CU	CMU	KU	PSU
Immunology	227	MU	CU	CMU	KKU,MPH	AFRIMS
Biotechnology & Applied Microbiology	215	CU	MU	KU	PSU	CMU
Materials Science, Multidisciplinary	193	CU	CMU	KKU,MU	KMUTT,NMMTC	PSU
Engineering, Chemical	189	CU	KMUTT	KU	AIT,PSU	KMITL
Environmental Sciences	183	CU	AIT	MU	KMUTT	KU
Microbiology	181	MU	CU	KU,TUH	CMU	NCGEB,PSU
Veterinary Sciences	177	CU	MU	KU	CMU	KKU,MHUT, NSTDA,PSU
Polymer Science	165	CU	MU	PSU	SU	NMMTC
Plant Sciences	151	PSU	CU	MU	KU	CMU
Tropical Medicine	147	MU	AFRIMS	CU	MPH	KKU
Chemistry, Applied	146	CU	MU	PSU	KU	CMU
Chemistry, Medicinal	145	CU	MU	PSU	KKU	CMU,NU
Chemistry, Physical	141	CU	KMITL,KU,KKU	CMU,PSU	SU	KMUTT

* Derived from Science Citation Index, Social Sciences Citation Index and Arts and Humanities Citation Index databases through ISI Web of Knowledge as at 24 February 2009 by Mongkon Rayanakorn, Ph.D., Associate Professor, CMU Faculty of Science (E-mail address: m.rayanakorn@gmail.com).

Physics, Applied	138	CMU	CU	MU	SNWU	KKU,KMITL
Energy & Fuels	117	CU	KMUTT	AIT	PSU	CMU,TU
Engineering, Electrical & Electronic	106	KMITL	CU	AIT	KMITNB,PSU	MHUT
Medicine, Research & Experimental	106	CU	MU	CMU	MPH	KCMH,NU
Oncology	102	MU	KKU	CU	CMU	NCI
Multidisciplinary Sciences	100	CMU,CU	MU	KU	KKU	PSU,KMITL,TU
Chemistry, Multidisciplinary	99	CU	PSU	MU	CMU,KU	KMUTT,NU, NIPHE
Parasitology	94	MU	CMU	KKU	CU	AFRIMS,ITP
Gastroenterology & Hepatology	93	CU	MU	PSU	KKU	TUH
Agriculture, Dairy & Animal Science	86	CMU	KU	CU	SUT	KKU
Chemistry, Organic	86	CU	MU	KU	SU	CRI
Surgery	84	MU	CU	CMU,PSU	CUH,KKU,SIRH	KCMH,ODC,PMH
Crystallography	83	PSU	CU	MU	BU,KKU	KU,TU,RSU,WU
Physics, Condensed Matter	83	CMU	CU	MU	SNWU	KKU,KMUTT
Hematology	82	MU	KKU	CU	CMU	TU
Virology	81	MU	CMU	CU	MPH	NSTDA
Engineering, Environmental	80	CU	AIT	KMUTT	KU	MU
Clinical Neurology	74	MU	CU	KKU	CUH	WU
Neurosciences	74	MU	WU	CU,CUH	SNWU	PNI
Medicine, General & Internal	72	MU	CU	CMU,KKU	HCH	MPH,SURINH
Obstetrics & Gynecology	70	CU	MU	CMU	KKU	PSU
Engineering, Civil	69	CU	AIT	TU	KMUTT	MU
Chemistry, Analytical	68	CU	MU	CMU	KKU,PSU	KMUTT
Endocrinology & Metabolism	68	MU	CU	CMU	KKU	SIRH

Overall Rankings ("Gold Medalists"): 1 MU (38), 2 CU (31), 3 CMU (10), 4 PSU (5), 5 KMUTT (4), 5 KKU (4), 7 AIT (3), 7 KMITL (3), 7 TU (3), 10 KU (2)

Mechanics	68	KMUTT	KMITL	CU	MHUT	SUT
Zoology	65	CU	CMU	MU	KU	KMUTT,PSU
Marine & Freshwater Biology	64	MU	BU,CU	PSU	KU,NSTDA	AIT
Urology & Nephrology	58	MU	CU	KCMH	KKU,PSU,RAMH	CUH
Dentistry, Oral Sugery & Medicine	56	MU	CU	PSU	KKU	CMU
Genetics & Heredity	56	CU	MU	CMU	KKU	KU,PSU
Fisheries	55	MU	CU	KU	BU	AIT
Agronomy	54	KKU	KU	MJU	AIT	UBRU
Nanoscience & Nanotechnology	54	CU	KU,PSU	CMU	KMUTT,MU	AIT
Allergy	53	MU	TU	CU	KCMH,QSNICH	SIRH
Pediatrics	53	MU,PSU	CU	KKU	CMU	KCMH,RAMH
Nutrition & Dietetics	51	MU	PSU	CMU	CU	KMUTT
Biochemical Research Methods	50	MU	CU	KU	NCGEB	CMU,KKU,NU
Ecology	50	MU	AIT	CU	KU	DNPW,PSU
Materials Science, Ceramics	47	CMU	CU	NMMTC	KMITL	MJU,MI,NSTDA, PSU
Thermodynamics	47	KMUTT	KMITL	MHUT	CMU,TU	MHSU,NU, SNWU,UBRU
Engineering, Mechanical	46	KMUTT	CMU,CU,TU	AIT, KMITNB KMUTNB,UBRU	KMITL,NU,PSU	BU,KU,KKU, MHUT,MHSU
Toxicology	46	CU,MU	CRI	PSU	KKU	CMU,TRCS
Agriculture, Multidisciplinary	45	CMU	KU	KKU	MU	LDD,SUT
Cardiovascular Systems	45	SIRH	CDI,KCMH	MU	CMU	CU
Cell Biology	44	MU	CU	KKU	TU	SNWU
Water Resources	44	CU	AIT	KU,KMUTT	TU	CMU,MU,PSU
Mathematics, Applied	44	KKU	NU	CMU,MU	SUT	CU
Agricultural Engineering	43	CU	KMUTT	PSU	AIT,KU	NSTDA,SUT
Biophysics	43	MU	CU	PSU	KU,RSU	KKU

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Mathematics	43	KKU	NU	CU	MU,SU	CMU,KU,MU
Physics, Multidisciplinary	42	MU	SUT	CMU,KU	CU	NU
Radiology, Nuclear Medicine & Medical Imaging	40	MU	CMU	KKU	CU	RAMH
Computer Science, Interdisciplinary Applications	39	KU	CU,MU	KMUTT	AIT,CMU	KMITL,RSU
Mycology	39	CMU	MFU	KU	NCGEB	FFPRI,PSU
Dermatology	38	MU	CU	ID	KCMH	CMU
Metallurgy & Metallurgical Engineering	38	CU	CMU	KMUTT	MU,NMMTC, PSU	KKU
Optics	38	KMITL	CU	MHUT,SUT,TU,UBRU	MU	NECTEC,NSRC,PSU
Entomology	36	CMU	KU	CU	MU	MPH
Geosciences, Multidisciplinary	36	AIT	CU	PSU	CMU,KMITL,SUT	DH,DMR
Peripheral Vascular Disease	35	MU	KKU	CU	SIRH	CMU
Pathology	34	MU	CMU	CU	KKU	SIRH
Physics, Atomic, Molecular & Chemical	34	CU	KKU	KU,PSU	KMUTT,MHSU, TSU	MHUT,SUT
Telecommunications	34	KMITL	AIT	CU	KMITNB,MHUT, MU,NECTEC,SSRU	AU,KU
Chemistry, Inorganic & Nuclear	33	PSU	KKU	CU	TU	MU
Reproductive Biology	32	CU	MU	KU,SUT	CMU	BU,MHUT,MPH,RAMH
Respiratory System	32	MPH	MU	PSU	KKU	BHH
Physiology	31	MU	CU	CMU	KKU	KU
Health Care Sciences & Services	31	MU	MPH	CU,NU,PSU	BU,KKU	CDC,CDE
Health Policy & Services	30	MU	MPH	PSU	CU,NU	BU,KKU

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Physics, Mathematical	30	CMU	SNWU,KMUTT	CU	SUT	KU,MFU
Engineering, Manufacturing	28	AIT, CU, TU	KMUTT	CMU, KKKU, MU, NMMTC	-	-
Economics	28	TU	CU, NIDA	TDRI	AIT, AU, BANKT, CMU, KKKU, KMITN, BMU, PSU	-
Construction & Building Technology	27	KKKU	AIT	TU	KMUTT	-
Transplantation	27	MU	CU	CUH	ODC, PMH, PR9H, RAMH, SIRH, SNWU, TU	-
Engineering, Industrial	25	TU	KMUTT	CU, KU	AIT, CMU, MU, NMMTC	KMITL, KMITNB, LRU
Meteorology & Atmospheric Sciences	25	AIT, KU	CU	KMUTT	MNRE, CMU, KKKU, KMITL, MU	-
Nursing	25	CMU	CU, KKKU, MU, PSU	BRCN, BU, NPRU, TU	-	-
Biology	23	MU	CMU, CU, TU	CRI, KKKU	-	-
Evolutionary Biology	23	MU	CMU, KU	DMR, NCGEB	CU	BU, KMUTT
Instruments & Instrumentation	23	CU	CMU, PSU	NSRC, UBRU	AIT, KU, KMITL, KMITNB, MHSU, MU, NECTEC, TU, WU	-
Computer Science, Information Systems	22	KMUTT	AIT, CU	KU, KMITL	MHUT, NECTEC, PSU, SHINU, TU	-
Engineering, Multidisciplinary	22	CU	AIT, CMU, KU, PEA, KMITL, NSTDA, MU	BU, KMUTT, MFU, NECTEC, PSU	-	-

Notation: AFRIMS=Armed Forces Res Inst Med Sci, AIT=Asian Inst Technol, AU=Assumpt Univ, BANKT= Bank Thailand, BHH=Bangkok Heart Hosp, BRCN=Boromrajonani Coll Nursing, BU=Burapha Univ, CDC=Ctr Dis Control, CDE=Ctr Drug Evaluat, CDI=Chest Dis Inst, CMU=Chiang Mai Univ, CRI=Chulabhorn Res Inst, CU=Chulalongkorn Univ, CUH=Chulalongkorn Univ Hosp, DH=Dept Highways, DMR=Dept Mineral Resources, DNPW=Dept Natl Pk Wildlife & Plant Conservat, FFPRI=Forestry & Forest Prod Res Inst, HCH=Hua Chiew Hosp, ID=Inst Dermatol, ITP=Inst Trop Med, KCMH=King Chulalongkorn Mem Hosp, KKKU=Khon Kaen Univ, KMITL=King Mongkuts Inst Technol Ladkrabang, KMITN=King Mongkuts Inst Technol N Bangkok, KMUTN=King Mongkuts Univ Technol N Bangkok, KMUTT=King Mongkuts Univ Technol Thonburi, KU=Kasetsart Univ, LDD=Land Dev Dept, LRU=Loei Rajabhat Univ, MFU=Mae Fah Luang Univ, MHSU=Maharakham Univ, MHUT=Mahanakorn Univ Technol, MI=Minist Ind, MJU=Maejo Univ, MNRE=Minist Nat Resources & Environm, MPH=Minist Publ Hlth, MU=Mahidol Univ, NCGEB=Natl Ctr Genet Engn & Biotechnol, NCI=Natl Canc Inst, NECTC=Natl Elect & Comp Technol Ctr, NIDA=Natl Inst Dev Adm, NIPHE =Natl Inst Publ Hlth & Environm, NMMTC=Natl Met & Mat Technol Ctr, NPRU=Nakhon Pathom Rajabhat Univ, NSRC=Natl Synchrotron Res Ctr, NSTDA=Natl Sci & Technol Dev Agcy, NU=Naresuan Univ, ODC=Organ Donat Ctr, PEA=Prov Elect Author, PMH=Pramongkutklao Hosp, PNU=Prasat Neurol Inst, PR9H=Praram 9 Hosp, PSU=Prince Songkla Univ, QSNICH=Queen Sirikit Natl Inst Child Hlth, RAMH=Ramathibodi Hosp, RSU=Rangsit Univ, SHINU=Shinawatra Univ, SIRH=Siriraj Hosp, SNWU=Srinakarinwirot Univ, SSRU=Suan Sunandha Rajabhat Univ, SU=Silpakorn Univ, SURINH=Surin Hosp, SUT= Suranaree Univ Technol, TDRI=Thailand Dev Res Inst, TRCS=Thai Red Cross Soc, TSU=Thaksin Univ, TU=Thammasat Univ, TUH=Thammasat Univ Hosp, UBRU=Ubon Ratchathani Univ, WU=Walailak Univ

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