

**NUMBER OF RESEARCH PUBLICATIONS CONTRIBUTED BY  
INSTITUTIONS IN MEMBER STATES OF THE ASSOCIATION OF  
SOUTHEAST ASIAN NATIONS (ASEAN) From January 2001-December 2010\***

Member State	Record Count in the Year										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
Singapore	4621	5031	5729	6586	7354	7888	7968	8924	9660	10616	74378
Thailand	1614	1969	2400	2560	3077	3838	4444	5246	6186	6368	37702
Malaysia	1050	1091	1376	1533	1796	2124	2493	3457	4914	6706	26540
Indonesia	549	558	578	631	699	848	843	977	1245	1261	8189
Vietnam	393	416	549	506	649	733	889	1091	1152	1368	7747
Philippines	406	532	561	566	709	717	768	916	1003	1059	7237
Cambodia	23	36	35	62	75	89	124	128	158	155	885
Laos	15	19	29	38	49	61	55	73	70	101	510
Brunei	38	26	45	39	42	48	49	66	72	84	509
Myanmar	28	25	29	38	44	51	50	48	63	56	432

**TOP FIVE RESEARCH AREAS CONTRIBUTED BY INSTITUTIONS IN  
MEMBER STATES OF THE ASSOCIATION OF SOUTHEAST ASIAN NATIONS  
(ASEAN) From January 2001-December 2010\***

Member State	Top Research Areas/Record Counts				
	1	2	3	4	5
Singapore	Engineering/16124	Physics/10819	Materials Science/8301	Chemistry/7627	Computer Science/6100
Thailand	Engineering/3806	Chemistry/3795	Pharmacology Pharmacy/2391	Biochemistry Molecular Biology/2101	Materials Science/1935
Malaysia	Engineering/4020	Crystallography/3137	Chemistry/2620	Materials Science/1992	Physics/1673
Indonesia	Environmental Sciences Ecology/649	Engineering/567	Chemistry/551	Agriculture/471	Physics/401
Vietnam	Physics/1065	Mathematics/908	Chemistry/530	Public Environmental Occupational Health/525	Materials Science/396
Philippines	Agriculture/1216	Plant Sciences/500	Environmental Sciences Ecology/445	Marine Freshwater Biology/309	Public Environmental Occupational Health/279
Cambodia	Public Environmental Occupational Health/172	Tropical Medicine/162	Infectious Diseases/153	Immunology/97	Environmental Sciences Ecology/70
Laos	Tropical Medicine/96	Public Environmental Occupational Health/92	Agriculture/74	Infectious Diseases/61	Environmental Sciences Ecology/48
Brunei	Mathematics/49	Environmental Sciences Ecology/43	Engineering/39	General Internal Medicine/38	Geology/38
Myanmar	Tropical Medicine/36	Infectious Diseases/32	Public Environmental Occupational Health/32	Agriculture/28	Zoology/27

\*Derived from the ISI Databases: Science Citation Index Expanded (SCI-EXPANDED), Social Sciences Citation Index (SSCI) and Arts & Humanities Citation Index (A&HCI) as at 13 September 2011 by Mongkon Rayanakorn (มณฑล ราชบัณฑิต), E-mail: [m.rayanakorn@gmail.com](mailto:m.rayanakorn@gmail.com)