

Elsevier Research Intelligence

透過SciVal了解熱門研究領域



學校研究競爭力檢視 Science eValuation

SciVal

以Scopus為資料來源,提供全球220個國家、8500個機構的學術表現, 分析學校研究產出於世界的表現,並比較其他學校的差異

Welcome to SciVal



全球研究趨勢及現況

- 全球某研究領域文獻成長情形
- 全球某研究領域熱門研究主題
- 該領域全球研究的分佈狀況
- 了解該領域全球有哪些機構參與,研究影響力如何?
- 我們學校在該領域的排名位置?
- 某研究領域全球有哪些Top authors? 亞洲或其他國 家有哪些新興學者
- 了解哪些優質期刊涵蓋此研究主題

從不同的角度分析研究主題

- 依全球學科領域
- 期刊所屬學科(27個主領域、334個子領域): 如電腦科學底下的計算機網 絡與通訊
- 全球熱門研究領域(Topic prominence): 篩選全球前1% 的熱門主題
- 自定義研究主題: 如伊波拉病毒

• 從頂尖文章分析

- 頂尖期刊的研究趨勢: 分析如nature、Lancet期刊最近的研究議題
- 高被引文獻:分析各學科領域全球前1%的HiCi文章熱門研究議題

• SDG 永續發展目標

期刊學科領域分頬: 27個主學科→334個子領域			∨ ₽₽	Medicin	ie (49)	醫學子領域	
	271	回土字科,334回丁识戏			>		Anatomy	
	^	Research Areas			>		Anesthesiology and Pain Medicine	
2	Ξ				>		Biochemistry (medical)	
6	ุก	Type to filter			ر		Cardiology and Cardiovascular Medicine	
، ا		🔄 Add to panel 🛷 Tags 🗸 🗠 Share 🖉 Edit			>		Complementary and Alternative Medicine	
		Name			>		Critical Care and Intensive Care Medicine	
ļ		> 🔠 Agricultural and Biological Sciences (12)			>		Dermatology	
		> 🔠 Arts and Humanities (14)			>	₽₽	Drug Guides	
		> 🔠 Biochemistry, Genetics and Molecular Biology (16)			>		Embryology	
	H	Business, Management and Accounting (11)			>		Emergency Medicine	
		Chemical Engineering (9)			>		Endocrinology, Diabetes and Metabolism	
		 Computer Science (13) 			>		Epidemiology	
		> 🔠 Decision Sciences (5)			>		Family Practice	
		> 🔠 Dentistry (7)			>	믦	Gastroenterology	
		> 🔠 Earth and Planetary Sciences (14)			>		General Medicine	
		> 🔠 Economics, Econometrics and Finance (4)	1		(
,	7 3	> 🔠 Energy (6)			>		Genetics (clinical)	
	æ⁄	> 🔠 Engineering (17)			>	-	Geriatrics and Gerontology	

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從不同的角度分析研究主題

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全球熱門研究主題 (Topic prominence)

- Topic: 具有直接引用關係的文獻資料集—聚焦於一類研究問題
- Scopus資料庫約7500萬文獻資料(1996年至今)和10億條直接引用 連結,參與聚類。
- 全球分成95,000多個Topics; 近1,500個Topic Clusters(上一層)





- **Prominence**
 - 由引用次數(Citation),瀏覽次數(View)和期刊影響指數 Citescore三種指標組成,表達Topic的發展趨勢 (momentum)
 - Prominence排序後按照百分位定義研究領域熱門程度

□ Topic prominence和funding有極高的相關 性--確定資助方向&調整研究方向;



研究方向全貌的分析 (不僅限於高被引文章)

• 依文章引用關係形成研究領域,打破學科 限制,跨領域的研究主題可被定義出來



全球熱門研究主題(Topic of Prominence)





醫學領域的Top1%熱門研究主題有哪些?

		_	Verview	Benchmark
World	ł	篩選醫學	領域	
2009 to 2018	► Medicine]	✓ ASJC
Summary	Topics & Topic Clusters	Published Viewe	ed Cited	Authors

Topics & Topic Clusters

Between 2009 to 2018, researchers in the World have contributed to:



Top 1% of worldwide Topics by Prominence



與RNA相關的Top1%熱門研究主題

輸入關鍵字

Table ③ Wheel	Top 1% of worldwide Topics by Prominence	✓ Filter RNA	Filter by keyphrase(s) RNA	
		Wor	d	
Торіс	Scholarly Output 🔸	Field-Weighte Citation Impa	d ct Prominence percentile	
<mark>RNA,</mark> Long Untranslated; Neoplasms; Proliferation migration <u>RNA</u> <u>RNA,</u> Untranslated T.115	8,623	3.0	5 99.984	
Genome; Genes; Single guide <mark>RNA,</mark> Guide T.456	5,998	3.3	4 99.987	
Exosomes; Cells; Recipient cells <mark>RNA</mark> T.489	5,358	2.9	9 99.983	
MicroRNAs; <mark>RNA</mark> ; Degradome sequencing <mark>RNA,</mark> Plant <mark>RNA</mark> Interference Sequence Analysis, <mark>RNA</mark> T.592	3,611	1.5	9 99.589	
Gene transfer; Polyethyleneimine; Polyethylenimine PEI <mark>RNA,</mark> Small Interfering <mark>RNA</mark> T.149	3,605	1.7	6 99.691	

全球正在發展中的研究主題(以HDAC抑制劑為例)

Histone Deacetylase Inhibitors; Histone Deacetylases; Hydroxamic Acids T.294 no subject area filter selected 2013 to 2017 ASJC \sim Data s Summary Institutions Countries Authors Scopus Sources Keyphrases Overall research performance Exp Scholarly Output 鎍 Field-Weighted Citation Impact 🎎 International Collaboration 🍰 1,435 1.20 349 View list of publications Citation Count 🏂 Topic Prominence percentile (Views Count 18,889 14,168 99.259 熱門指數為全球前1%

HDAC 抑制劑熱門關鍵字及消長情形

🖲 Keyphrase analysis

Representative publications

Top 50 keyphrases by relevance, based on 1,435 publications | Learn about keyphrase calculations >

Structure-Activity Relationship Lymphoma, T-Cell, Peripheral Epigenesis, Genetic Lymphoma, T-Cell, Cutaneous Transplantation, Heterologous Carcinoma, Hepatocellular Benzamides Carcinoma Apoptosis Cells Neoplasms Ovarian Neoplasms Valproic Acid Autophagy Acetvlation Cell Line Cell Cycle Checkpoints Histone Deacetylase 2 oxamic Acids Quantitative Structure-Activity Relationship Proteins Carcinoma, Non-Small-Cell Lung Drug Screening Assays, Antitumor Protein Isoforms Histones Drug Design Histone Deacetylase 1 Xenograft Model Antitumor Assays Leukemia Glioblastoma Molecular Docking Simulation Zinc Leu Cutics Growth Depsipeptides Breast Neoplasms Therapeutics Growth Pharmacokinetics Cisplatin Antineoplastic Agents Evaluation Studies as Topic Epigenomics Colorectal Neoplasms Pharmaceutical Preparations HCT116 Cells Maximum Tolerated Dose Clinical Trials as Topic

A A A relevance of keyphrase | declining A A A growing (2013-2017)

全球哪些企業/藥廠正在進行該研究 (HDAC 抑制劑)

Histone Deacetylase Inhibitors; Histone Deacetylases; Hydroxamic Acids T.294

2013 to 2017 no subject area	filter selected	\checkmark	Data so		
Summary Institutions Count	ries Authors	Scopus Sources Key	phrases	避擇所靈	
Top Institutions				評估指標	
Worldwide Cor	oorate	✓ reset filter 論文數	FWCI	產學合著比率	
Institution		Scholarly Output	↑ Field-Weighte ∨	Academic-Cor 🗸	
1. 📃 💻 Merck		7	1.59	71.4%	
2. 🔲 📕 Sigma-Tau S.p.A.		7	1.33	71.4%	
3. 🔲 📲 Institut de Recherches Servi	er	6	0.88	83.3%	
4. 📃 📕 Johnson & Johnson		5	2.18	80.0%	
5. 🔄 🔸 Novartis		5	1.59	80.0%	
6. 🗌 🚟 GlaxoSmithKline		4	1.92	75.0%	
7. 📃 📕 Pfizer		4	1.40	75.0%	

找全球重要學者,作為留任與招募之對象

Histone Deacetylase Inhibitors; Histone Deacetylases; Hydroxamic Acids T.294

2013 to 201	7 🗸	no subject	area filter sele	ected	V ASJ	С	Data so
全球Top	autho	rs				Scholarly	發表期刊排名前10%論文比例
		Author		Affiliation		Output 🗸	Publications i 🗸
	1.	Xu, Wenfan	g	Ministry of Education Chir	na	28	25.0%
	2.	Jung, Manfr	red	University of Freiburg		19	55.6%
	3.	Liou, Jingpi	ng	📔 Taipei Medical University		18	61.1%
	4.	Zhang, Ying	gie	Ministry of Education Chir	na	18	22.2%
	5.	Wagner, Flo	orence F.	Broad Institute		14	64.3%
			TAIPE MEDICAI ACA	TAIPEI MEDICAL UNIVERSITY ACADEMIC HUB / PURE EXPERTS me Profiles Research Units Projects Research Output Press / Media		Top 15 Based or	keyphrases 18 publications
		Home Profile				Histone Histone	Deacetylase Inhibitors Deacetylases
	劉景平	平教授	E-mail Jung Strapping			Hydroxa Xenogra Tubulin Colorect	mic Acids ft Model Antitumor Assays al Neoplasms
						Acrylami HCT116	de Cells

Newly emerged Topics

New Topics represent areas of research that have seen a significant growth acceleration in recently published articles and have attracted recent funding.

These new Topics are derived from existing parent Topics and are formed by new citation relationships that have occurred in the past year.

In 2019 we identified 37 new Topics to SciVal



SciVal

全球新興議題(Newly Emerged Topics Worldwide)

	Overview	Benchmarking	Collaboration	Trends	Reporting	Μ
World						
2016 to >2019 v no filter selected		✓ ASJC				
Summary Topics & Topic Clusters Published	Viewed	Cited Authors	Institutions	Countries	Economic Impa	act

Topics & Topic Clusters

Between 2016 to >2019, researchers in the World have contributed to:

1,494 Topic Clusters	Learn about Topics and	Topic Clusters ↗
	ceann about ropies and	Topic clusters //

95,454 Topics

🗄 Table 💿 Wheel

Newly emerged Topics for 2019 worldwide

		World	ł		
_{торіс} 37個新興議題	Scholarly Output 🔸	Field-Weighted Citation Impact	Prominence percentile		
Models; Computer vision; Deep generative T.1019265 *	2,036	3.99	99.829		
Convolution; Particle accelerators; CNN accelerator T.1016560 *	1,812	3.93	99.604		



Pain; General Surgery; Analgesics, Opioid T.1076006

Newsworthy paper - New FDA black box warning for codeine: How will this affect dentists?

- Topic highlights Pain and Opioids
- Very topical with the opioid epidemic in the US
 - Around 60% of the publications co-authored by US authors

Scholarly Output 📚 117	Field-Weighted Citation Impact 🕸	International Collaboration 🐲 6
View list of publications		
Views Count 570	Citation Count 🎄 285	Topic Prominence percentile ① 55.950
Topic character		
Keyphrase analysis Representative publications		
	Rhinoplasty Randomized Controlled Trial Prospective Studies Lower Extremity Pain, Posto Risk Factors Ambulatory Surgical Pro Quality of Life Cohort Studies Postoperative Period Bariatric Surgery Hand Bariatric Surgery Anal Spine • Place Patients Methods Anesthetics, Local Rel Correspondence as Topic Anesthe	cholecystectomy is as Topic perative perati

New FDA black box warning for codeine: How will this affect dentists?

7 media mentions and coverage from 6 news outlets

Mentioned in <u>CNN report</u> in Jan 2018

Cough and cold medicines containing opioid ingredients, such as codeine or hydrocodone, should no longer be given to children of any age, according to the US Food and Drug Administration.

	4 69	Citations in Scopus	
		80th percentile	
	1.59 🕌	Field-Weighted Citation Impact	
	PlumX Metr	rics	,
*	Usage, Capture Social Media an beyond Scopus	es, Mentions, nd Citations s.	
Citations			
Citation In	dexes:	4	
Usage			
Usage		WHEN	
Usage	Fitness Wellness Parentin	ig Live Longer	Internatio
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止咳藥可待因(Codeine)禁用於兒童及哺乳婦女,多款流行日藥中 鏢!(附圖)

從不同的角度分析研究主題及尋找學者

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- 自定義研究主題: 如伊波拉病毒
- · 從頂尖文章分析
- 顶尖期刊的研究趨勢: 分析如nature、Lancet期刊最近的研究議題
- 高被引文獻: 分析各學科領域全球前1%的HiC i文章熱門研究議題

·SDG 永續發展目標

以登革熱為例



Define a new Research Area

1. Create definition	2. Refine de	finition	3. Save definition	
Use search terms	Use entities	Use Top	ics	

Define a new Research Area based on publications that match...

Enter query string: Dengue Virus

Need more guidance? Use the search query fields

北醫在全球排名位置	<u> </u>			
Dengue Virus			Overvie	w
At Taipei Medical University Analyze Research Area in deta	il			
2009 to 2018 🔽 Medicine	✓ AS	IC (•) în		
Research performance				
Taipei Medical University has 30 publications in this Research Area				
Scholarly Output 鎍	Authors		Field-Weighted Citation Impact 鎍	
30 🔺	33 🔺		14.06	
D View list of publications				
Citation Count 🕸	Citations per Publication 촳			
2,428	80.9			
Most active Institutions in this Research A	rea		+ Add to Reporting Export \checkmark Shortcuts \checkmark	
Show top 10 contributing Institutions (worldwide) 🔽 in this Research Area,	by number of publications Analyze top 100	0 in more detail		
Institution 1	Si	cholarly Output 🔸	Field-Weighted Citation Im 🗸	

Institution 🔨	Scholarly Output 🤸	
1. 🚳 Fundação Oswaldo Cruz	253 🔺	2.64
2. 🗮 Mahidol University	233 🔺	1.82
3. 🚍 National University of Singapore	218 🔺	5.15
4. 💻 Centers for Disease Control and Prevention	176 🔺	4.18
5. 💻 National Institutes of Health	160 🔺	6.30
6. 🎇 University of Oxford	153 🔺	6.21
7. I Institut Pasteur Paris	141 🔺	4.67
8. I CNRS	140 🔺	2.74
9. 💽 Universidade de São Paulo	137 🔺	4.29
10. 💻 University of Texas Medical Branch at Galveston	122 🔺	2.79
96. 🖴 🙍 Taipei Medical University	30 🔺	14.06

Collaboration

北醫在該領域目前國際合作及潛在合作對象



Leaflet | © OpenStreetMap

自定義研究主題方式2: 從Scopus輸入關鍵字

Scopus 1	Search	Sources	Alerts	Lists	Help 🗸	SciVal ∌
Document search						
Documents Authors Affiliations Advanced		× Article	e title, Ab	stract, Ke	ywords	✓ +
katilitie leaning katilitie l	Searc	h Sources A	verts Lists	Help V	, SciVal → Rita	1Ho v 📃

1,065 document results

View secondary documents View 61042 patent results View 10046 Mendeley Data

TITLE-A85-KEY ("machine learning") AND (LIMIT-TO (PUBYEAR, 2020) OR LIMIT-TO (PUBYEAR, 2019) OR LIMIT-TO (PUBYEAR, 2016) OR LIMIT-TO (PUBYEAR, 2017) OR LIMIT-TO (PUBYEAR, 2017) OR LIMIT-TO (SUBJAREA, "ATH")) AND (LIMIT-TO (SUBJAREA, "COMP") OR LIMIT-TO (SUBJAREA, "ENGI") OR LIMIT-TO (SUBJAREA, "ATH")) AND (LIMIT-TO (SUBJAREA, "COMP") OR LIMIT-TO (SUBJAREA, "ENGI") OR LIMIT-TO (SUBJAREA, "ATH")) AND (LIMIT-TO (SUBJAREA, "COMP") OR LIMIT-TO (SUBJAREA, "ENGI") OR LIMIT-TO (SUBJAREA, "ATH")) AND (LIMIT-TO (SUBJAREA, "COMP") OR LIMIT-TO (SUBJAREA, "ENGI") OR LIMIT-TO (SUBJAREA, "ATH")) AND (LIMIT-TO (SUBJAREA, "COMP") OR LIMIT-TO (SUBJAREA, "ENGI") OR LIMIT-TO (SUBJAREA, "ATH")) AND (LIMIT-TO (SUBJAREA, "COMP") OR LIMIT-TO (SUBJAREA, "ENGI") OR LIMIT-TO (SUBJAREA, "ENGI") OR LIMIT-TO (SUBJAREA, "ATH")) AND (LIMIT-TO (SUBJAREA, "COMP") OR LIMIT-TO (SUBJAREA, "ENGI") OR LIMIT-TO (SUBJAREA, "ATH")) AND (LIMIT-TO (SUBJAREA, "COMP") OR LIMIT-TO (SUBJAREA, "ENGI") OR LIMIT-TO (SUBJAREA, "ENGI") OR LIMIT-TO (SUBJAREA, "ATH")) AND (LIMIT-TO (SUBJAREA, "COMP") OR LIMIT-TO (SUBJAREA, "ENGI") OR LIMIT-TO (SUBJAREA,

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Search within results	٩	00 Analy	ze search results		Show all abs	tracts Sort on: Cited by (highest)	~
Refine results			CSV export 🧹 Download View citation overview	View cited by Save to list		3 7	
Limit to Exclude			Document title	Authors	Year	Source	Cited by
Access type 🕥	^		XGBoost: A scalable tree boosting system	Chen, T., Guestrin, C.	2016	Proceedings of the ACM SIGKDD	980
Open Access	(1,065) >		Open Access			International Conference on Knowledge Discovery and Data Mining 13-17-August-2016, pp. 785-794	
Year	^ «		View abstract v Full Text View at Publisher Rela	ted documents			
2019	(27) >						
2018	(470) >	2	Accessorize to a crime: Real and stealthy attacks on state-of art face recognition	-the- Sharif, M., Bhagavatula, S Bauer, L., Reiter, M.K.	5., 2016	Proceedings of the ACM Conference on Computer and Communications Security	88
2017	(322) >		Open Access			24-28-October-2016, pp. 1528-1540	

3 匯入SciVal報告

Scopus		搜尋 來源出版物 新知通報
157,386 篇文獻結果		查看次要文獻 查看 12
TITLE-ABS-KEY ("machine learning")		
▲ 編輯 四 儲存 日 設定新知通報 記 設定 RSS	П	
在搜尋結果內搜尋 Q	nln 分析搜尋給	
精簡搜尋結果	■ 全部 ~ SciVal 報告 ~ 下載 查看引ぶ	【概覽 查看引用者 儲存到清單 ••• 🔒
限制範圍 排除		

4 在SciVal 進一步分析(全球趨勢)

SciVal Overview Benchmarking Collaboration Trends Reporting machine learning 2009 to 2018 🗸 🗸 Summary Institutions Countries Authors Scopus Sources Keyphrases Overall research performance Scholarly Output 🏩 International Collaboration Field-Weighted Citation Impact 🎎 145,928 1.69 30,635 Regression analysis Diagnos Text processing Technology Neural networks Resert Decision formatics Decision making Magnitude State Stat View list of publications Views Count 2,923,457 Semantics Computer vision an networks Support vector machines Network architec Genetic algorithms Applications Bayesian networks Supervised learning Data handling Supervised learn Computer science Natural language processing systems Reinforcement learning Image processing

從Scopus檢索結果匯入到SciVal的操作步驟

Scopus	搜尋 牙	交源出版物 🗿	新知通
4,736 篇文獻結果			
TITLE-ABS-KEY ("single-wall carbon nanotube" OR "single-wall carbon nanotubes" OR swcn) AND (LIMIT-TO (PUBYEAR, 2	²⁰¹⁸⁾ 3.	. 儲存至	≧My SciVal 的publication set
1. 從Scopus進出為SciVal報告			
您匯出的文獻已傳送至 SciVal。當您的文獻已獲處理並可在 SciVal 中查看時,您將會收到 SciVal 的電郵。		<u>B</u>	SciVal
在搜尋結果內搜尋 Q 0 00 分析搜尋結果			
■ 全部 ~ SciVal 報告 ~ 下載 查看引文概覧	查看引用者		Hide tags
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Your SciVal Publication Set is now ready		2	€ 10/29/2019-05:10:521
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Dear SciVal user,		Edit P	ublication Set 1 百次命之
Your SciVal Publication Set 10/29/2019-05:10:521 has been created and is now available to use in SciVal		Change	e name
https://scival.com/redirect/DocumentSetNotification?dest=/overview&uri=Customer/0/DocumentSe	<u>t/247230</u>	更改命名	4 of 300
Regards, The SciVal team			
注意: 文獻超過5000筆需要等6小時		Save nam	ie >

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- · 依全球學科領域
- 期刊所屬學科(27個主領域、334個子領域): 如電腦科學底下的計算機網 絡與通訊
- 全球熱門研究領域(Topic prominence): 篩選全球前1% 的熱門主題
- 自定義研究主題: 如伊波拉病毒、AI(人工智慧)

• 從頂尖文章分析

- 頂尖期刊的研究趨勢: 分析如nature、Lancet期刊最近的研究議題
- 高被引文獻:分析各學科領域全球前1%的HiCi文章熱門研究議題

• SDG 永續發展目標

以Nature為例

Define a new Research Area	⑦ View quick guide X
1. Create definition 2. Refine definition 3. Save definition	
Use search terms Use entities Use Topics	
Select one or more entities to represent your new Research Area	
Scopus Sources All tags + Copy selected to my new Research Area Type to filter nature	 Remove selected from my new Research Area
NATURE PHYSICAL SCIENCE	Definition of your Research Area:
Nature	Nature
Nature Astronomy	
Nature Based Strategies for Urban and Building Sustainability	
Nature Biomedical Engineering	
Nature Biotechnology	
Nature Catalysis	
 Nature Cell Biology 	

Next step >

透過頂尖期刊,看研究趨勢的演變--綜合性期刊



evolutionary biology homeostasis yeast catalysis gene expression aling cosmology rodent ligand milen Crystal ańalysis_{braiň} <u>tumor</u> molec Ia crystallography pathogenicity enzyme⁻activity hromosome phenotype mutationcance peptide protein nmunity Cytoplasm genome eukarvote biochemistry duàntu m mechanics disease treatment membrane genetic analysis functional role methylation nitochondrial DNA chemical binding data acquisition inhibitor physiology immune response embryonic development

2013

Greenland Multiprotein Complexes Drug Resistance, Neoplasm Global Warming Crystallography, X-Ray Chemistry Techniques, Synthetic Magnetic Fields Enhancer Elements, Genetic Biodiversity Neutrons Biological Evolution Planets Water Optogenetics X-Rays Fossils Biocatalysis Temperature Time Ice Cover Electrons Genome, Human Protein Multimerization Ice Artic Regions Pacific Ocean Galaxies Epigenesis, Genetic Cell Lineage Metals Gases History, 21st Century Single-Cell Analysis Solar System Stem Cell Niche DNA Methylation Atmosphere Allosteric Regulation NA Methylation Atmosphere Allosteric Regulation Induced Pluripotent Stem Cells Oceans and Seas Drosophila melanogaster Neural Pathways Palladium Symbiosis Evolution, Molecular Genome-Wide Association Study











全攻	F學 術機構		發表論文數	高被引 (Top1%) 論:	文 平均被引次數
	Institution 个		Scholarly Output	↓ Outputs in To ∨	Citations per 🗸
1.	Harvard Univer	sity	761	492	170.04
2.	Howard Hughe	es Medical Institute	563	401	169.77
3.			385	224	105.39
4.	Stanford Unive	rsity	371	244	159.59
5.	Massachusetts	Institute of Technology	319	209	181.28
6.	👯 University of Ca	ambridge	290	156	108.33
全政	就主要學者		發表論文數高	被引 (Top1%) 論文	H-index
全现	<mark>求主要學者</mark> Author	Affiliation	發表論文數 高 Scholarly Output <mark>↓</mark>	被引(Top1%)論文 , ^{Outputs in To}	H-index
全 玫 口	<mark>k主要學者</mark> Author Gabriel, Stacey Bolk	Affiliation Broad Institute	發表論文數 高 Scholarly Output ↓ 26	被引(Top1%)論文 	H-index h-Index
全玫 □ 1. □ 2. □	<mark>k主要學者</mark> Author Gabriel, Stacey Bolk Lander, Eric S.	Affiliation Broad Institute Massachusetts Institute of Technology	發表論文數 高 Scholarly Output ↓ 26 22	被引(Top1%)論文 <u>Outputs in To</u> 25 22	H-index h-Index 132 201
全玫 二 1. 二 2. 二 3. 二	K主要學者 Author Gabriel, Stacey Bolk Lander, Eric S. Getz, Gad A.	Affiliation Broad Institute Massachusetts Institute of Technology Broad Institute	發表論文數 高 Scholarly Output ↓ 26 22 21	被引(Top1%)論文 <u>Outputs in To</u> ✓ 25 22 19	H-index h-Index 132 201 105
2. 4. 2. 3. 4. 4. 4. 4. 4. 4. 4. 4	k主要學者 Author Gabriel, Stacey Bolk Lander, Eric S. Getz, Gad A. Meyerson, Matthew	Affiliation Broad Institute Massachusetts Institute of Technology Broad Institute Dana-Farber Cancer Institute	發表論文數 高 Scholarly Output ↓ 26 22 21 21	被引(Top1%)論文 <u>Outputs in To</u> 25 22 19 20	H-index h-Index 132 201 105 140
全玩 二 1. 二 2. 二 3. 二 4. 二 5. 二	快主要學者 Author Gabriel, Stacey Bolk Lander, Eric S. Getz, Gad A. Meyerson, Matthew Wilson, Richard K.	Affiliation Affiliation Affiliation Affiliation Affiliation Broad Institute Broad Institute Dana-Farber Cancer Institute Washington University St. Louis	發表論文數 高 Scholarly Output ↓ 26 22 21 21 21	被引(Top1%)論文 <u>Outputs in To</u> ✓ 25 22 19 20 20	H-index h-Index 132 201 105 140 106

Friston, K.J.





Benchmarking Overview

Collaboration

Reporting My SciVal S

Trends

Publications in the World that fall within the top 1% most cited publications worldwide within Cognitive Neuroscience | 2009 to 2018

2009 to 2018

Summary	Institutions	Countries	Authors	Scopus Sources	Keyphrases	
Overall	l research	performa	ance			
Scholarly Out	tput 藭			Field-Weighte	d Citation Impact	🕸 International Collaboration 🕸
1,931				7.03		849
and				N-+++++++++	**	~~~~~
▶ View list o Views Count	of publications			Citation Coun	it 🍂	Functional Neuroimaging Artificial Intelligence Neural Networks (Computer) Atlases as Topic Image Processing, Computer-Assisted Social Behavior Image Interpretation, Computer-Assis
192,184				414,628	·	Diffusion lensor Imaging Models, Neurologic Neural Pathways Neuroimaging Aging Behavior Classification Hippocampus Reward Nerve NetBrain Neuroscience Amyodala
						Executive Function Methods Attention Time Learning Cognition Gyrus Cin
						Cerebral Cortex Memory, Short-Term Magnetic Resonance Imag Prefrontal Cortex Meta-Analysis as Topic Models, Psych

A A A relevance of keyphrase | declining A A A growing (2009-2018)

特定文獻集合: 匯入文章至SciVal(Import publication set)



永續發展目標SDGs in SciVal

- They are available as predefined Research Areas:
 - Type "SDG" into "Find existing Research Areas" and choose an SDG
 - You can use the SDGs in Overview, Benchmarking and Trends

1 ^{NU} M¥∰∰#	2 ZERO HAINGER		4 EBREATION	5 RENDER
Goal 1: End poverty in all its forms everywhere	Goal 2: End hunger, achieve food security and Improved nutrition and promote sustainable agriculture	Goal 3: Ensure healthy lives and promote well-being for all at all ages	Goal 4: Ensure inclusive and quality education for all and promote lifelong learning	Goal 5: Achieve gender equality and empowe all women and girls
6 CLEAN WATER AND SAME ATTON	7 AFTINEMARET AND CLEAN ENCROPT	8 ECENT MORE AND ECONOMIC CROWTH	9 ADJUSTICE INVIDUATION ADJUSTICE INVIDUATION	10 REDUCED REQUALITIES
Goal 6: Ensure access to water and sanitation for all	Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all	Goal 8: Promote inclusive and sustainable economic growth, employment and dromet for still	Goal 9: Build resilient infrastructure, promote sustainable industrialization	Goal 10: Reduce inequality within and among countries



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The development of the SDG queries



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全球SDG3: Good Health and Well-being

SDG 3: Good Heal	th and Well-bei	ng Report from template
2009 to 2018		Data sources
Summary Institutions Countries	Authors Scopus Sources	Keyphrases
		+ Add Summary to Reporting
Overall research perform	ance	+ Add to Reporting
Scholarly Output 鎍	Field-Weighted Citation (mpact 🞉 International Collaboration 🔅
5,917,979	1.17	1,065,853

F View list of publications		Delivery of Health Care
Views Count	Citation Count	Meta-Analysis as Topic Neoplasms
107 946 028	89 383 221	Research Patients Quality of Life
107,740,020	07,000,221	Obesity Diagnosis Humans HIV Mutation Biological Markers
		The Prediatrics Breast Neoplasms Mortality
		Inerapeutics Health Prostatic Neoplasms
		General Surgery Stroke Risk Colls Survival Risk Factors
		Depression Genes Prevalence Safety Drug Therapy
		Epidemiology Neoplasm Metastasis Randomized Controlled Trials as Topic



台灣學校在SDG3: Good Health and Well-being的表現

Scopus Sources

Keyphrases

reset filter

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SDG 3:	Good Health	າ and Well-beir	ıg
2009 to 2018	~		

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Countries

Authors

All sectors

+ Add to Reporting Export ✓

Top 100 Institutions in this Research Area, by Scholarly Output

② Visualization

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Taiwan

Institutions

🔊 View on Chart

Asia Pacific

🗄 Table

Summary

Top Institutions

		Publications in Top 10% Journal Percentiles by						
	Institution	Scholarly Output ↓	CiteScore Percentile 🗸	Field-Weighted Citation Impact 🗸	Citation Count 🗸			
1.	National Taiwan University	17,363	6,902	1.75	358,911			
2.	Chang Gung University	13,870	4,367	1.22	222,019			
3.	National Yang-Ming University	12,546	4,213	1.46	209,603			
4.	China Medical University Taichung	10,492	3,688	1.29	173,925			
5.	Taipei Medical University	9,010	3,191	1.47	132,696			
6.	Kaohsiung Medical University	7,476	2,395	1.09	107,004			



比較台灣學校在SDG3: Good Health and Well-being





比較台灣學校在SDG3: Good Health and Well-being



進一步分析學校在SDG的研究表現

- 1. Put the SDG in Trends
- 2. Find the institution in which you're interested
 - a. Use the region filters to help locate the institution
- 3. Click on the Scholarly Output number to see the underlying publications
- 4. Create a Publication Set
 - a. Use the Save as Publication Set option
- 5. You can now look deeper at the institution's contribution to the SDG based upon our search queries

SDG 3: Good Health and Well-being	
Summary Institutions Countries Authors Scopus Sources Keyphrases	
Asia Pacific Image: Taiwan All sectors reset filter Image: Table Image: Visualization Image: Visualization Image: Visualization	
Top 100 Institutions in this Research Area, by Scholarly Output	
N View on Chart	
Institution	Scholarly Output 🗸
1. 📃 📓 National Taiwan University	9,326
2. 📃 🧧 Chang Gung University	7,896
3. 📃 📓 National Yang-Ming University	7,079
4. 🗌 📲 China Medical University Taichung	6,191
	- 107

× Publications at Taipei Medical University Within: SDG 3: Good Health and Well-being | Year range: 2014 to 2018 Export 🗸 ✓ Authors 5,497 publications | 🕞 Save as Publication Set All authors \downarrow Title Authors Year Scopus Source Citations 113 Lin, H. Global, regional, and national age-sex specific Naghavi, M., Wang, H., Lozano, R. 2015 The Lancet 3,465 Li (Jack), Y.C. 108 all-cause and cause-specific mortality for 240 and 714 more causes of death, 1990-2013: A systematic analysis Iqbal, U. 74 for the Global Burden of Disease Study 2013 Liou. T.H. 73 > View abstract View in Scopus > Chiou, H. 71 Global, regional, and national life expectancy, Wang, H., Naghavi, M., Allen, C. 1,859 2016 The Lancet Show more all-cause mortality, and cause-specific mortality and 768 more for 249 causes of death, 1980-2015: a systematic Author numbers analysis for the Global Burden of Disease Study 2015 All author numbers

舉例: 北醫近三年發表在SDG3的主要作者

	Overview	Benchmarking	Collaboration	Trends Reporti	ing My SciVal	Scopus ↗	⑦ 益		
Publications at Taipei Medical University within SDG 3: Good Report from template Health and Well-being 2016 to 2018									
2016 to 2018	v no filter selected		✓ ASJ	C 💿 🏛			Data sources		
Summary	Topics & Topic Clusters C	Collaboration Pul	olished Viewed	Cited Authors	Institutions Ec	onomic Impact			
Authors + Add to Reporting Export 🗸 Top 500 authors, by Scholarly Output in Publications at Taipei Medical University within SDG 3: Good Health and Well-being 2016 to 2018 over the period 2016 to 2018.									
⊡⊕ Add to pane	1								
	Name		Scholarly Output 🗸	Most recent publication	Citations per Pu	blication 🗸	<i>h</i> -index		
1.	Li (Jack), Yu Chuan		79	2018		3.6	23		
2.	Iqbal, Usman		53	2018		18.5	14		
3.	Lin, Herngching		53	2018		3.6	42		
4.	Liou, Tsan Hon		47	2018		5.0	19		

Austria and the SDGs

Publication output and impact of academic institutions related to at least one Sustainable Development Goal







Thank you

