

COMPUTATION OF FREQUENCIES - UNIV. STANFORD-ELSEVIER STUDY, 2019 EDITION

Number of authors among the 100,000 most cited in all fields

Number of teaching and research staff by fields and disciplines

Highly cited authors 1996-2017				Highly cited authors 1996-2018				Highly cited authors 2017			
UPC	UPM	UPV	UPCT	UPC	UPM	UPV	UPCT	UPC	UPM	UPV	UPCT

FIELDS											
AGRICULTURE, FISHERIES & FORESTRY			2			2				3	
BIOLOGY			1			2				1	
EARTH & ENVIRONMENTAL SCIENCES								1			
ENGINEERING	6	2	2		8	2	2	13	4	3	1
PHYSICS & ASTRONOMY	4	2			13	2		4	2		
MATHEMATICS & STATISTICS	4				6			5			
CLINICAL MEDICINE		1							1		
CHEMISTRY	4		7		4		1	2		15	
BIOMEDICAL RESEARCH		2	2				2		1	2	
ENABLING & STRATEGIC TECHNOLOGIES		2	1	1		2	1	1	2	1	3
INFORMATION & COMMUNICATION TECHNOLOGIES	1	3	1		2	3	2	2	4	2	
<b>Total authors</b>	<b>19</b>	<b>12</b>	<b>16</b>	<b>1</b>	<b>33</b>	<b>9</b>	<b>12</b>	<b>1</b>	<b>29</b>	<b>13</b>	<b>29</b>

DISCIPLINES (2 principal x author)											
Information & Library Sciences									1		
Biophysics			1				1				
Biochemistry & Molecular Biology							2				
Developmental Biology			1				1			1	
Evolutionary Biology			1							1	
Biotechnology								1			
Plant Biology & Botany		1	2				4			2	
Food Science			2				2			3	
Environmental Sciences								1			
Distributed Computing	1		1		1		1	1		1	
Agricultural Economics & Policy						1					
Energy	2	2		1	3	1		1	5	1	2
Biomedical Engineering	1				1				1		
Telecommunications, Electrical & Electronic Engineering		1			1	1			4	1	
Geological & Geomatics Engineering	2				3				5	1	
Industrial Engineering & Automation			1				1		1		1

COMPUTATION OF FREQUENCIES - UNIV. STANFORD-ELSEVIER STUDY, 2019 EDITION

Number of authors among the 100,000 most cited in all fields

Number of teaching and research staff by fields and disciplines

	Highly cited authors 1996-2017				Highly cited authors 1996-2018				Highly cited authors 2017			
	UPC	UPM	UPV	UPCT	UPC	UPM	UPV	UPCT	UPC	UPM	UPV	UPCT
	Mechanical Engineering & Transports	3	1	1		4	2	1		3	2	3
Environmental Engineering	1								3			
Mining & Metallurgy	1				1				1			
Chemical Engineering	2				3						1	
Strategic, Defence & Security Studies					1				2			
Applied Physics				1		1		1	1			1
General Physics	3	1			4				3			
Chemical Physics	2				3				1		1	
Geochemistry & Geophysics	1								2			
Dairy & Animal Science		1	2				2			1	2	
Medical Informatics		1				1				1		
Artificial Intelligence & Image Processing	1	3	2		2	2	3		4	4	4	
Languages & Linguistics					1				1			
Applied Mathematics	5				7				6	1		
General Mathematics					5				1			
Numerical & Computational Mathematics	1		1		1		1		1		1	
Materials	1	1	1		1	2			1	1	1	
Meteorology & Atmospheric Sciences									2			
Microbiology		1										
Nanoscience & Nanotechnology					3							
Neurology & Neurosurgery		2								2		
Optics	1	2	1		5	2	1		1	1	1	
Optoelectronics & Photonics		1	1		1	2	1			2	1	
Paleontology	1				1							
Fluids & Plasmas	3	2			6				3	2		
Polymers	3				4				1	1	1	
Speech-Language Pathology & Audiology							1					
Experimental Psychology		1								1		
Physical Chemistry	3		5		3				1		11	
General Chemistry			1								5	
Organic Chemistry			6				1				11	1

COMPUTATION OF FREQUENCIES - UNIV. STANFORD-ELSEVIER STUDY, 2019 EDITION

Number of authors among the 100,000 most cited in all fields

Number of teaching and research staff by fields and disciplines

	Highly cited authors 1996-2017				Highly cited authors 1996-2018				Highly cited authors 2017			
	UPC	UPM	UPV	UPCT	UPC	UPM	UPV	UPCT	UPC	UPM	UPV	UPCT
	Operations Research		1				1				1	1
Information Systems		1				1				1		
Networking & Telecommunications		1			1	1			1	1	1	
Virology			2				1				2	
<b>Total items per discipline (no. authors x 2)</b>	<b>38</b>	24	32	2	<b>66</b>	18	24	2	<b>58</b>	26	<b>58</b>	4

N.B. It was decided to provide the frequency by fields and disciplines separately as there is not always correspondence between field and disciplines for the same author. For example, an author who is assigned to Engineering as the main field, may have Applied Mathematics as one of their two main disciplines.