Ran	(in I	materials science			Impact	Rank	(in I	materials science			Impact	Ra
	Ran	ik in chemistry		Citations			Rar	ik in chemistry	(Citations		
		Scientist	Papers					Scientist	Papers			
		Peidong Yang Univ of California, Berkeley	36	13,900		31		Paul W. M. Blom University of Groningen	37	2,176	58.81	6
		Yadong Yin Univ of California, Riverside	32		199.59	32		Jenny Nelson Imperial College London	31	1,821	58.74	6
3		Michael H. Huang National Tsing Hua Univer		'	159.97	33		David J. Mooney Harvard University	43	2,512	58.42	e
		Younan Xia Washington University in St Louis		11,936		34		Tsu-Wei Chou University of Delaware	33	1,915	58.03	e
		Yugang Sun Argonne National Laboratory	37		141.38	35		lain McCulloch Imperial College London	30	1,725	57.50	e
6		Yiying Wu Ohio State University	74	'		36		Andreas Greiner University of Marburg	30	1,716	57.20	6
7		Jan C. Hummelen University of Groningen	38		122.18	37		Ferdi Schüth Max Planck Inst for Coal Resea		3,395	56.58	e
	47	Alan J. Heeger Univ of California, Santa Barb		'	118.12	38		Henning Sirringhaus University of Cambridg		2,173	55.72	6
9		Oomman K. Varghese Pennsylvania State Uni	versity 28	3,021	107.89	39		Samson A. Jenekhe University of Washington		1,490	55.19	6
10	32	Catherine J. Murphy University of Illinois				40		C. Suryanarayana University of Central Florid		1,801	54.58	6
		at Urbana-Champaign	31	'	106.87	41		James R. Durrant Imperial College London	31	1,669	53.84	7
11		Michael D. McGehee Stanford University	26		101.96	42		Guillermo C. Bazan UC, Santa Barbara	55	2,960	53.82	7
12		Christoph J. Brabec Univ of Erlangen-Nurem	-	'	98.65	43		Meixiang Wan Chinese Academy of Sciences				7
13		Stephen R. Forrest University of Michigan	. 25	2,417	96.68			Institute of Chemistry, Beijing	29	1,557	53.69	7
14		N. Serdar Sariciftci Johannes Kepler Univers				44		Pierre-Antoine Albouy University of Paris-Su		1,503	53.68	1
		of Linz	74	- /	87.08	45		Dietmar W. Hutmacher Queensland Universi	•			7
15		Herbert Gleiter Karlsruhe Institute of Techno	0,	/ -	84.14	40		ofTechnology	39	2,092	53.64	1
16		Rodney S. Ruoff University of Texas at Austin		/	82.40	46		Anders Hagfeldt Uppsala University	26	1,385	53.27	1
17		Frank Caruso University of Melbourne	74	- /	75.53	47		Dago M. De Leeuw University of Groningen				7
18		Philippe Dubois University of Mons	36	/	73.00	40	40	and Philips Research Laboratories	32	1,704	53.25	1
19		Taeghwan Hyeon Seoul National University	37	· ·	72.57	48	42	Michael Grätzel Swiss Federal Institute				8
		Xiangfeng Duan Univ of California, Los Angel		/	72.44	40		of Technology, Lausanne	52	2,763	53.13	٤
21		Rachel A. Caruso University of Melbourne	27	/	72.15	49		Zhifeng Ren Boston College	37	1,963	53.05	
22		Galen D. Stucky Univ of California, Santa Ba	rbara 72	5,095	70.76		12	Mark E. Thompson Univ of Southern Californ		1,482	52.93	8
23		Igor V. Alexandrov Ufa State Aviation		0.555	07.04	51		Andrey L. Rogach City University of Hong Kon	ng 34	1,781	52.38	In re
	70	Technical University	38	,	67.24	52		Rinat K. Islamgaliev Ufa State Aviation	07	4 000	50.05	featu
		Nicholas A. Kotov University of Michigan	36	,	66.33			Technical University	37	1,926	52.05	In th pape
25		Craig A. Grimes Pennsylvania State Universit		'	65.93	53		Mats R. Andersson Chalmers Univ of Techno		1,449	51.75	cher
26		Ullrich Scherf University of Wuppertal	64	/	64.05	54		Mietek Jaroniec Kent State University	54	2,771	51.31	on h engi
27		Andreas Stein University of Minnesota	47	2,985	63.51	55		Fujio Izumi National Institute for Materials Sc		4 077	E4.00	deal
28		Subra Suresh Massachusetts Institute		4 00 4	60.00	50		Japan		1,277	51.08	anal Tr
	50	of Technology	64	4,024	62.88	56		Simon R. Phillpot University of Florida	29	1,481	51.07	for p
29	53	Shaik M. Zakeeruddin Swiss Federal Institut		4.070	04.05	57		Neil Coombs University of Toronto	25	1,269	50.76	seek high
20		of Technology, Lausanne	27	/	61.85	58		Terry C. Lowe Manhattan Scientifics	28	1,416	50.57	scier
30		Ray H. Baughman University of Texas at Dalla	as 25	1,503	60.12	59		Wolfgang J. Parak University of Marburg	27	1,365	50.56	Si

Data provided by Thomson Reuters from its Essential Science Indicators, 1 January 2000-31 October 2010													
Rank in materials science			Impact Rank in materials science					Impa		Impact			
	Rank in chemistry			Citations			Rank in chemistry			Citations			
		Scientist	Papers						Scientist	Pap	Papers		
60		Marie-Paule Pileni Pierr	e and Marie Curie	University 32	1,612	50.38	83	74	Michael Giersig Free U	niversity of Berlin	36	1,570	43.61
61		Jonathan N. Coleman T	rinity College Dubl	lin 30	1,507	50.23	84		Jean-Luc Brédas Georg	ia Institute of Technology	50	2,177	43.54
62		Zhenan Bao Stanford University 38		1,907	50.18	85				35	1,523	43.51	
63		Dieter Neher University	of Potsdam	30	1,499	49.97	86		Caroline A. Ross MIT		27	1,174	43.48
64		Dieter Wolf Idaho Natio	nal Laboratory	26	1,285	49.42	87		John W. Hutchinson Ha	rvard University	42	1,824	43.43
65		Kornelius Nielsch Unive	ersity of Hamburg	27	1,322	48.96	88		David Beljonne Univers	ity of Mons	25	1,085	43.40
66		Yet-Ming Chiang MIT		26	1,254	48.23			Horst Weller University	U	25	1,082	43.28
67		Joachim H. Wendorff Ur		-	1,430	47.67	90			DTU National Laboratory			
68		Antonios G. Mikos Rice		95	4,507	47.44			for Sustainable Energy		48	2,077	43.27
69		John R. Reynolds Univer		45	2,131	47.36	91		Linda S. Schadler				
70		David Grosso Pierre and		,	2,548	46.33			Rensselaer Polytechnic		42	1,817	43.26
	65		ersity of Cambridge		2,775	46.25	92			hoven Univ of Technology	61	2,633	43.16
72		Paula T. Hammond MIT		42	1,927	45.88	93		Young-Woo Heo Kyungp		30	1,294	43.13
73		Richard W. Siegel Rense	•		1,419	45.77	94		Alan H. Windle Universi		36	1,552	43.11
74		Fred Wudl Univ of Califo			1,141	45.64	95		Andrew I. Cooper Unive		30	1,284	42.80
	63	Craig J. Hawker Univ of	,		1,548	45.53	96		Markus Niederberger S	Swiss Federal Institute			
76		Peter X. Ma University of	-	30	1,352	45.07			of Technology, Zurich		36	1,537	42.69
77		Karine Alselme Upper A	,	25	1,122	44.88	97		Antonio Facchetti Nort	,			10.00
78		David L. Kaplan Tufts Ur	,	. 77	3,408	44.26			and Polyera Corporation		37	1,579	42.68
79		Donal D. C. Bradley Imp	-		2,522	44.25	98		Nicola Pinna University		05	4.057	40.00
80		Kam W. Leong Duke Uni	•	45	1,991	44.24	00		and Seoul National Univ	,	25	1,057	42.28
81		Yeshayahu Lifshitz Tech		05	1 007	42.00	99		• •	se Academy of Sciences,	- 24	1 200	40.00
00		Israeli Institute of Techno	0,	25	1,097	43.88	100			ysics and Chemistry, Beijing	-	1,309	42.23
82		John A. Rogers Univ of I	linois, urbana-Ch	ampaign 61	2,671	43.79	100		William D. Nix Stanford	University	49	2,065	42.14

recognition of 2011 being named the International Year of Chemistry, *Times Higher Education* previously Thomson Reuters during the past decade, those listed above represent the top 0.02 of 1 per cent in the field. Sixteen of those listed also ranked in the top 100 by citation impact in chemistry, among those who published atured a list of the top 100 chemists over the past decade according to citation impact (citations per paper). that analysis, a set of discipline-specific journals defined the field of chemistry; as a supplement, selected 50 or more papers in that field during the past decade. Their ranks in chemistry are noted. pers in multidisciplinary journals such as Science and Nature were also counted. But it must be admitted that As with the chemistry table, this list includes many researchers who state that a main or significant focus of emistry is difficult to define precisely. To supplement the previous treatment, the current table presents data their research is nanotechnology - by our count, 78 per cent of the scientists featured. high-impact researchers in materials science, a realm that overlaps with chemistry as well as physics, The authors' national affiliations are: 48 for the US; 11 for Germany; eight for the UK; four each for France and the gineering and other areas. Once again, the field was defined by a set of discipline-specific journals plus papers Netherlands; three for Australia, China (including Hong Kong), South Korea and Switzerland; two for Belgium, Russia aling with materials science from multidisciplinary titles. Influential biochemists will be the focus of a future and Sweden; and one apiece for Austria, Canada, Denmark, the Republic of Ireland, Israel, Japan, Portugal and alysis to round out our celebration of chemistry. Taiwan (which comes to 101 owing to Nicola Pinna's appointments in Portugal and South Korea). The institutions The table above lists the 100 researchers in material science who achieved the highest citation-impact scores appearing three or more times are: University of California, Santa Barbara (5); Imperial College London (4); Massar papers (articles and reviews) published since January 2000. Impact is a weighted measure of influence that chusetts Institute of Technology (4); Pennsylvania State University (3); Stanford University (3); the University of eks to reveal consistently superior performance. To ensure that high scores could not be achieved by a few Cambridge (3); the University of Groningen (3); the University of Marburg (3); and the University of Michigan (3). For more information, see http://science.thomsonreuters.com/products/esi/

ghly cited papers, a threshold of 25 papers was used in the analysis. The average citation impact in materials ience for the period was 6.93, so all the researchers listed above achieved more than six times that mark. Since approximately 500,000 materials scientists were recorded in the journal publications indexed by

TOP MATERIALS SCIENTISTS OF THE PAST DECADE