Data provided by Thomson Reuters from its Essential Science Indicators, 1 January 2000-31 October 2010

Rank in materials science

TOP CHEMISTS OF THE PAST DECADE

Impact

Citations

		Scientist	pers				Scientist	apers			
60		Jens K. Nørskov Technical University of Denmark	122	7,736	63.41	82	Richard A. Friesner Columbia University	98	5,697	58.13	
61	5	Yugang Sun Argonne National Laboratory	93	5,896	63.40	83	Jairton Dupont Federal University				
62		Evgeny Katz Clarkson University	97	6,147	63.37		of Rio Grande do Sul	120	6,964	58.03	
63	75	Craig J. Hawker Univ of California, Santa Barbara	141	8,893	63.07	84	John F. Hartwig University of Illinois			and the second second	
64		Christian Serre Versailles Saint-Quentin-					at Urbana-Champaign	167	9,638	57.71	
		en-Yvelines University	72	4,517	62.74	85	Robert Langer MIT	98	5,632	57.47	
65	71	Richard H. Friend University of Cambridge	74	4,642	62.73	86	Mark E. Davis California Institute of Technology	66	3,791	57.44	
=66		Jean M. J. Fréchet Univ of California, Berkeley	209	12,985	62.13	=87	Manos Mavrikakis Univ of Wisconsin-Madison	56	3,205	57.23	
=66		James M. Tour Rice University	134	8,325	62.13	=87	Adi Eisenberg McGill University	65	3,720	57.23	
68		Robert C. Haddon Univ of California, Riverside	84	5,191	61.80	89	Maurice Brookhart University of North Carolina			PRO-17 11 (1972 11 12 11	
69	15 E	Peter J. Stang University of Utah	103	6,356	61.71		at Chapel Hill	87	4,978	57.22	
70	24	Nicholas A. Kotov University of Michigan	78	4,809	61.65	90	Amir H. Hoveyda Boston College	122	6,967	57.11	
71		F. Dean Toste University of California, Berkeley	84	5,163	61.46	91	Charles R. Martin University of Florida	58	3,312	57.10	
72		Michal Kruk City University of New York	54	3,315	61.39	92	Alexander Zapf University of Rostock	60	3,407	56.78	
73		Didier Astruc University of Bordeaux I		6,883	60.38	93	Jeffrey R. Long University of California, Berkeley	98	5,563	56.77	
74	83	Michael Giersig Free University of Berlin		3,310	60.18	94	Neil R. Champness University of Nottingham	86	4,877	56.71	
75		George C. Schatz Northwestern University		12,116	59.98	95	Naomi J. Halas Rice University	73	4,131	56.59	
76		Harold G. Craighead Cornell University	51	3,042	59.65	96	Abraham Nitzan Tel Aviv University	51	2,879	56.45	
77		Keith Fagnou † University of Ottawa	63	3,747	59.48	97	Charles L. Brooks University of Michigan	67	3,778	56.39	
78		Milan Mrksich University of Chicago	54	3,168	58.67	98	Helmut Cölfen Max Planck Institute				
79		Alois Fürstner Max Planck Inst of Coal Research	151	8,858	58.66		of Colloids and Interfaces	82	4,595	56.04	
80		Karl Anker Jørgensen Aarhus University	152	8,893	58.51	99	Jérôme Cornil University of Mons	65	3,640	56.00	
81		Rustem F. Ismagilov University of Chicago	59	3,437	58.25	100	Geoffrey W. Coates Cornell University	90	5,029	55.88	
elebrate ele	Nanotechnology in all its aspects is strongly in evidence when one surveys the research interests of the chemistry (IUPAC) have proclaimed this to be the International Year of Chemistry. During 2011, lebrations and special events will be held around the globe "to increase the public appreciation of chemistry in department of the public appreciation of chemistry in department of the past 10 years. Peting world needs, to encourage interest in chemistry among young people, and to generate enthusiasm for the past 10 years. Peting world needs, to encourage interest in chemistry among young people, and to generate enthusiasm for the past 10 years. Peting world needs, to encourage interest in chemistry among young people, and to generate enthusiasm for the past 100 chemists who achieved the highest action impact scores for chemistry papers (articles and reviews) published since January 2000. Citation impact itations per paper) is a weighted measure of influence that seeks to reveal consistently superior performance. To sure that a high score could not be achieved by a few highly cited papers, a threshold of 50 papers was used the analysis. The average citation impact in chemistry for the period was 11.07, so all the researchers listed above achieved for more papers are the feeting world needs, to encourage interest in chemistry, there is no denying the message of the citation indicators. The field has attracted enormous interest in the past 100 chemists listed. While the rubric covers much and some sceptics call "nano" the latest fad in chemistry, there is no denying the past special events of the chemistry indicators. The field has attracted enormous interest in the past 100 chemists listed. While the rubric covers much and some sceptics call "nano" the latest fad in chemistry in dehenistry independent on the past 100 chemists listed. While the rubric covers much and some sceptics call "nano" the latest fad in chemistry in dehenistry listed. While the rubric covers much and some sceptics call "nano" the latest fad i										

Impact Rank in chemistry

Citations

Rank in materials science **Citations** Scientist **Papers** 74 17,776 240.22 32 10 Catherine J. Murphy University of Illinois 90 19,870 220.78 at Urbana-Champaign 69 5,717

82.86 76 6,286 82.71 M. G. Finn Scripps Research Institute Stephen L. Buchwald MIT 169 13,941 82.49 Younan Xia Washington University in St Louis 161 13,120 81.49 Stuart L. Schreiber Harvard University 66 5,369 81.35 80.33 37 19 Taeghwan Hyeon Seoul National University 82 6,587 George M. Whitesides Harvard University 228 18,237 79.99 Ryong Ryoo Korea Advanced Institute

of Science and Technology 6,057 78.66 Michael F. Rubner MIT 51 4,004 78.51 41 20 Xiangfeng Duan Univ of California, Los Angeles

64 5,022 78.47

73 5,428

65 4,827

94 6,916

66 4,758

53 3,673

4,069

6,930

4,073

57 3,787

86 5,696

99 6,426

Impact

187 14,602 78.09 111 8,384

75.53

74.36 74.26 73.57

72.09 5,030 71.86 69.30

50 3,411 68.22 67.82

Rank in chemistry

Rank in materials science

in that field during the past decade. Their materials science ranks are noted beside their ranks in chemistry.

Dmitri V. Talapin University of Chicago Ryoji Noyori Nagoya University Chad A. Mirkin Northwestern University

of Technology

Rank in chemistry

Rank in materials science

Charles M. Lieber Harvard University

Hongjie Dai Stanford University

Xiaogang Peng University of Arkansas

12 50 Mark E. Thompson Univ of Southern California

Eric N. Jacobsen Harvard University

Robert H. Hauge Rice University

Valery V. Fokin Scripps Research Institute

Peidong Yang University of California, Berkeley

Benjamin List Max Planck Inst of Coal Research

Banglin Chen University of Texas at San Antonio

David W. C. Macmillan Princeton University

and Research Organisation (CSIRO), Australia

Michael J. Zaworotko University of South Florida

Michael S. Strano Massachusetts Institute

Ezio Rizzardo Commonwealth Scientific

Omar M. Yaghi Univ of California, Los Angeles

K. Barry Sharpless Scripps Research Institute

Richard E. Smalley † formerly Rice University

A. Paul Alivisatos University of California, Berkeley 93 14,589 156.87

Mostafa El-Sayed Georgia Institute of Technology 111 10,135 91.31

Michael O'Keeffe Arizona State University

Scientist

Liberato Manna Italian Institute of Technology Robert H. Grubbs California Institute of Technology

David A. Case Rutgers University

Shouheng Sun Brown University

Moungi G. Bawendi MIT

Richard P. Van Duyne Northwestern University Carlos F. Barbas Scripps Research Institute James R. Heath California Institute of Technology

95 8,029 69 5,830

88 7,690 87.39 170 14,617 85.98

62 5,431 87.60

84.52

84.49

83.92

83.45

82.98

Rank in chemistry

Impact

Citations

73 12,910 176.85

60 9,754 162.57

60 9,217 153.62

88 12,768 145.09

59 8,548 144.88

54 6,853 126.91

95 11,167 117.55

81 8,808 108.74

53 5,394 101.77

55 5,566 101.20

81 7,985 98.58

54 4,843 89.69

61 5,929

55 5,267

52 4,747

83 7,403

56 4,981

62 5,486

233 20,505

52 4,364

60 5,007

84 6,970

97.20

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91.29

89.19

88.95

88.48

88.00

Papers

and Industrial Research (CSIR), South Africa Mikhail E. Itkis University of California, Riverside Osamu Terasaki Stockholm University 53 29 Shaik M. Zakeeruddin Swiss Federal Institute of Technology, Lausanne

42 48 Michael Grätzel Swiss Federal Institute

Joan F. Brennecke University of Notre Dame

Andreas Manz Korea Institute of Science

Suprakas Sinha Ray Council for Scientific

Yadong Yin University of California, Riverside

Prashant V. Kamat University of Notre Dame

John D. Holbrey Queen's University Belfast

John R. Yates Scripps Research Institute

Samuel I. Stupp Northwestern University

Kenneth R. Seddon Queen's University Belfast

Alan J. Heeger Univ of California, Santa Barbara

Hua Chun Zeng National University of Singapore

of Technology, Lausanne

44 89 Horst Weller University of Hamburg

and Technology Europe

Gregory C. Fu MIT

92 6,198 67.37 63 4,204 66.73 Wenbin Lin Univ of North Carolina at Chapel Hill 104

> 65.69 64.91 63 4,016 63.75

66.63

66.44

66.23

Next week: Chinese universities of the C9 League