

Exhibit 1
The REAL Author Rankings for 2014–2018

Rank	Previous Rank	Name	Number
1	1	Michael J. Seiler	22
2	2	William G. Hardin III	12
3	2	Jonathan A. Wiley	11
	4	Joseph T.L. Ooi	11
	4	Zhenguo Lin	11
6	9	David M. Harrison	10
7	4	Seow-Eng Ong	9
	9	Tien Foo Sing	9
	14	Yingchun Liu	9
10	11	David C. Ling	8
	14	David H. Downs	8
	11	Eli Beracha	8
	14	Geoffrey K. Turnbull	8
	4	Yongheng Deng	8
15	14	Abdullah Yavas	7
	24	Andy Naranjo	7
	14	Brent W. Ambrose	7
	4	C.F. Sirmans	7
	14	K.W. Chau	7
	34	R. Kelley Pace	7
	14	S. McKay Price	7
	11	Siu Kei Wong	7
23	14	Crocker H. Liu	6
	NR	David M. Geltner	6
	14	Erik Devos	6
	24	Eva Steiner	6
	24	Henry J. Munneke	6
	NR	James N. Conklin	6
	14	John L. Glascock	6
	NR	Julia Freybote	6
	34	Masaki Mori	6
	34	Ran Lu-Andrews	6
	34	Shaun A. Bond	6
34	34	Alan Tidwell	5
	NR	Benjamin Scheick	5
	34	Bennie D. Waller	5
	NR	G. Stacy Sirmans	5
	34	John M. Clapp	5
	34	Lingxiao Li	5
	24	Marcus T. Allen	5
	NR	Moussa Diop	5
	NR	Philip A. Seagraves	5
	34	Ping Cheng	5
	NR	Shuang Zhu	5
	24	Siqi Zheng	5
	34	Spenser J. Robinson	5
	NR	Tingyu Zhou	5
	NR	Vivek Sah	5
	34	Xudong An	5