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R&D

	(2001)			(2001)			(2001-2002)		
		R&D			R&D			R&D	
1		24,182	7.5	Ford Motor Co	7,400 (97,236)	4.6	自動車	5,925 (59,250)	7.2
2		7,276	3.2	General Motors Corp	6,200 (81,468)	3.5	松下電器産業	5,655 (56,550)	14.5
3	LG	6,165	3.7	IBM Corp	5,290 (69,511)	6.2		4,332 (43,320)	16.4
4		4,410	11.1	Pfizer Inc	4,847 (63,690)	15.1	日立製作所	4,154 (41,540)	11.8
5		4,076	49.0	Microsoft Corp	4,379 (57,540)	17.3	本田技研工業	3,951 (39,510)	12.3
6	SDI	2,292	2.9	Motorola Inc	4,318 (56,739)	14.4	NEC	3,500 (35,000)	9.8
7		1,715	2.5	Cisco Systems Inc	3,922 (51,535)	17.6	富士通	3,498 (34,980)	11.5
8		1,393	1.1	Intel Corp	3,796 (49,879)	14.3	東芝	3,262 (32,620)	10.2
9	SK	1,254	1.2	Johnson & Johnson	3,591 (47,186)	10.9	日産自動車	2,621 (26,210)	8.7
10		1,239	0.7	Lucent Technologies Inc	3,520 (46,253)	16.5		2,186 (21,860)	12.8
11		987	1.3	Hewlett-Packard Co	2,635 (34,624)	5.8	三菱電機	2,047 (20,470)	8.5
12		981	3.2	Merck & Co	2,456 (32,272)	5.1		1,856 (18,560)	12.1
13	LG	912	2.9	Bristol Myers Squibb	2,259 (29,683)	11.6	松下通信工業	1,507 (15,070)	18.4
	20	62,377	-	20	68,614 (901,588)	-	20	52,627 (526,270)	-

† , 100 , ()
1 =1314 , 100 =1000 (2001)
) , , Research Technology Management (IRI, 2003.1-2)

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(GE), Microsoft, IBM, , 3M,

(R&D) 150 (MIT)
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 15.1%, 19.5%, 21.5%
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 7.5% 2 4182 R&D 1 20 , 10
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 R&D 2 7276 20

< *Chemical Journal* 2003/ 03/ 13 >