







2014 Proceedings of PICMET '14: Infrastructure and Service Integration.









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NARLabs Application case – Solar energy									
• Below shows the top 10 assignees with solar									
energy related patents (high science linkage)									
	No	AssigneeName	#of natents	Percentage					
	1	Micron Technology Inc	2 439	6.85%					
	2	International Business Machines Corporation	852	2.39%					
	3	Semiconductor Energy Laboratory Co., Ltd.	787	2.21%					
	4	Applied Materials, Inc.	654	1.84%					
	5	Intel Corporation	609	1.71%					
	6	Kabushiki Kaisha Toshiba	599	1.68%					
	7	Infineon Technologies AG	429	1.21%					
	8	Canon Kabushiki Kaisha	397	1.12%					
	9	Matsushita Electric Industrial Co., Ltd.	380	1.07%					
	10	Samsung Electronics Co., Ltd.	341	0.96%					
		Micron Technology shares 6.85% that cite literatures	of patents						
2014/6/6					17				

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• Knowledge sources of	No.	Country US	Cited literatures 96834	Percentage 47.44%					
a lon an anary to alm a lo ary	2	Japan	24733	12.12%					
solar energy technology	3	Germany	12116	5.94%					
related nationts	4	UK France	9882	4.84%					
related patents	6	South Korea	5131	2.51%					
	7	Canada	4609	2.26%					
– Literatures from US are	8	China	4290	2.10%					
aited most in color energy	9	Switzerland	3665	1.80%					
cited most in solar energy	10	Italy	3620	1.77%					
natents (47.44%)	11	Netherlands	3083	1.76%					
	13	Sweden	3027	1.31%					
– The share of US and	14	Finland	2589	1.27%					
	15	Russia	2125	1.04%					
Ianan is about 60%	16	Australia	1723	0.84%					
Jupun 15 00000 0070	17	Belgium	1690	0.83%					
	18	Israel	1619	0.79%					
	20	India	1551	0.76%					
2014/6/6	20	-Pum	1520	18					



















