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: 010-62755052

: 15334723114

: shangxy_pku@163.com

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: 010-62752059

: 13810429046

: hej j @pku.edu.cn

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									2014		68.4870
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		6000	2600	257	3649.0000	43	531.0000		2016		30.0000

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2 PCT Patent Cooperation Treaty

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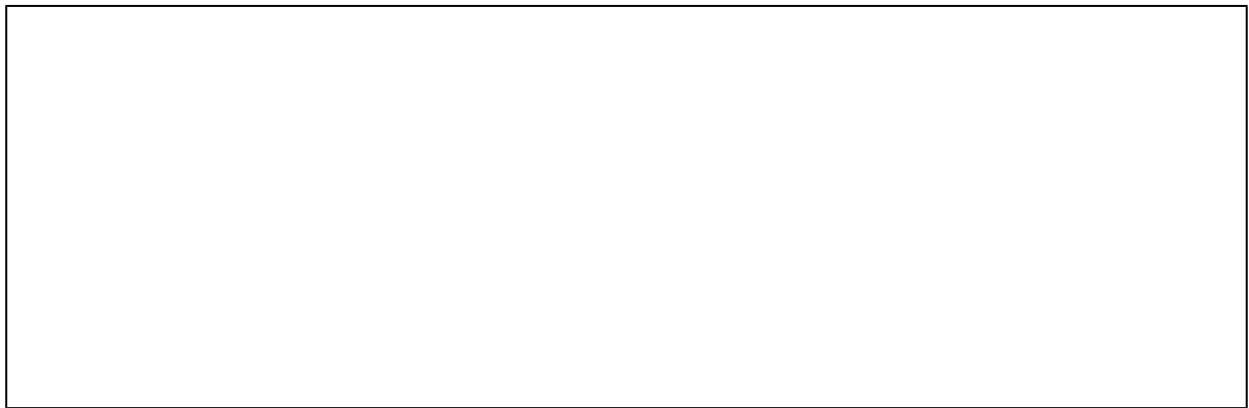
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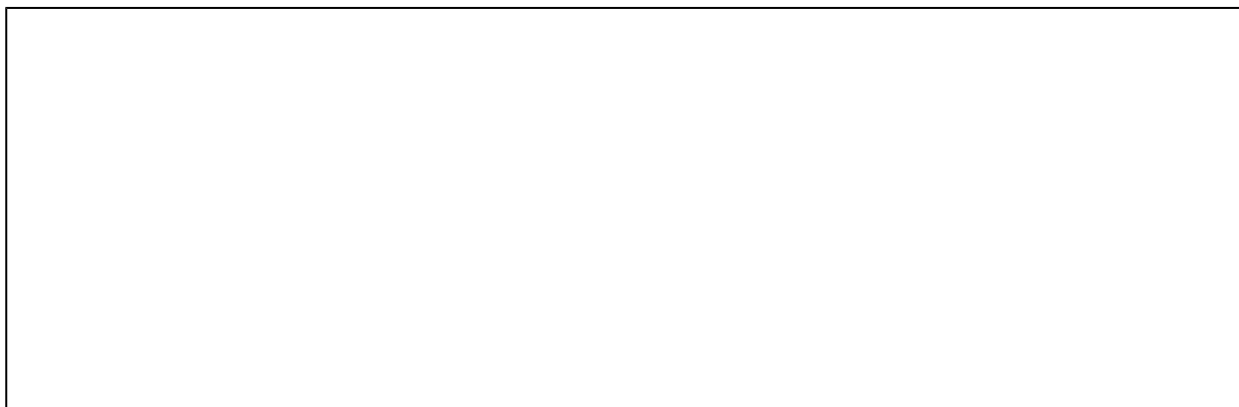
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(45)		42
(25)		24
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		94







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1	CO2		2014	76.0		A
2			2014	86.0		A
3			2014	380.0	863	B
4			2014	220.0		B
5			2014	26.0		B
6	HFC134a		2014	80.0		A
7			2014	200.0	973	B
8			2014	80.0		A

9			2014	82.0		A
10	-		2014	75.0		A
11			2014	126.0		B
12			2014	40.0		A
13	HFC134a		2014	80.0		A
14			2014	75.0		A
15			2014	80.0		A
16			2014	28.0		A
17			2014	100.0		A
18			2015	86.0		A

19			2015	80.0		A
20			2015	72.0		A
21	CO2		2015	76.0		A
22			2015	123.97		B
23			2015	354.4		A
24			2015	278.0		A
25			2015	32.0		A
26			2015	256.0		A
27			2016	1050.0		A
28			2016	300.0		A



1			2014	50.0		A
2	DS	0	2014	53.0		A
3			2014	6.0		B
4			2014	40.0		A
5			2014	70.0		A
6			2015	50.0		A
7			2015	34.0		A
8			2015	65.0		A
9			2015	11.0		B
	PU					

10	HCFC-141b 2		2015	43.0		A
11	BAT/BEP POPs		2015	65.0		A
12			2016	200.0		A
13			2016	300.0		A
14			2014	40.0		B
15			2014	28.0	" " "	B
16			2014	4.0		B
17			2014	50.0	" "	B
18	BAT/BEP POPs		2014	65.0		B
19			2014	400.0		B

20			2014	11.0		B
21			2014	50.0		A
22	DS	0	2014	53.0		A
23			2014	6.0		B
24			2014	40.0		A
25			2014	70.0		A
26			2015	50.0		A
27			2015	34.0		A
28			2015	65.0		A
29			2015	11.0		B
30	PU HCFC-141b 2		2015	43.0		A

31	BAT/BEP POPs		2015	65.0		A
32			2016	200.0		A
33			2016	300.0		A

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 2014 2013 300

					/	SCI
1	Numerical simulations of the piston effect for near-critical fluids in spherical cells under small thermal disturbance	Zhan-Chao Hu Xin-Rong Zhang	2016		International Journal of Thermal Sciences	
2	Abnormal microchannel convective fluid flow near the gas-liquid critical point	Lin Chen Xin-Rong Zhang Junnosuke Okajima Shige-nao Maruyama	2014		Physica A: Statistical Mechanics and Its Applications	
3	Effective slip boundary conditions for sinusoidally corrugated surfaces	Lin Guo, Shi yi Chen, Mark O Robbins	2016		Physical Review Fluids	
4	Microalgal carotenoids: beneficial effects and potential in human health	Zhang, J., Sun, Z., Sun, P. P., Chen, T. P. & Chen, F.*	2014		Food & Function	
5	Thermodynamic analysis of representative power generation cycles for low-to-medium tem	i-Cong Yu, Lin Chen, Yan Zhao, Hong-Xu Li, X. R. Zha	2015		International Journal of Energy Research	

	perature applications	ng*				
6	Numerical simulation on the optical and thermal performance of a modified integrated compound parabolic solar concentrator	Lin Chen, Ji a-Xi a ng Chen and Xi n-R ong Zhang	2014	International Journal of Energy Research		
7	Effective slip boundary conditions for sinusoidally corrugated surfaces	Lin Guo, Shi yi Chen, Mark O Robbin s	2016	Physical Review Fluids		
8	Microalgal carotenoids: beneficial effects and potential in human health	Zhang, J., Sun, Z ., Sun, P. P., Chen, T. P. & Chen, F .*	2014	Food & Function		
9	Thermodynamic analysis of representative power generation cycles for low-to-medium temperature applications	i -Cong Yu, Lin Chen, Yan Zhao, Hon g-Xu Li, X. R. Zha ng*	2015	International Journal of Energy Research		
10	Numerical simulation on the optical and thermal performance of a modified integrated compound parabolic	Lin Chen, Ji a-Xi a ng Chen and Xi n-R ong Zhang	2014	International Journal of Energy Research		

	solar concentrator					
11	Effective slip boundary conditions for sinusoidally corrugated surfaces	Lin Guo, Shi yi Chen, Mark O Robbins	2016	Physical Review Fluids		
12	Microalgal carotenoids: beneficial effects and potential in human health	Zhang, J., Sun, Z., Sun, P. P., Chen, T. P. & Chen, F.*	2014	Food & Function		
13	Thermodynamic analysis of representative power generation cycles for low-to-medium temperature applications	Li-Cong Yu, Lin Chen, Yan Zhao, Hong-Xu Li, X.R. Zhang*	2015	International Journal of Energy Research		
14	Effective slip boundary conditions for sinusoidally corrugated surfaces	Lin Guo, Shi yi Chen, Mark O Robbins	2016	Physical Review Fluids		
15	Numerical simulation on the optical and thermal performance of a modified integrated compound parabolic solar concentrator	Lin Chen, Ji a-Xiang Chen and Xi n-Rong Zhang	2014	International Journal of Energy Research		
	Microalgal carote					

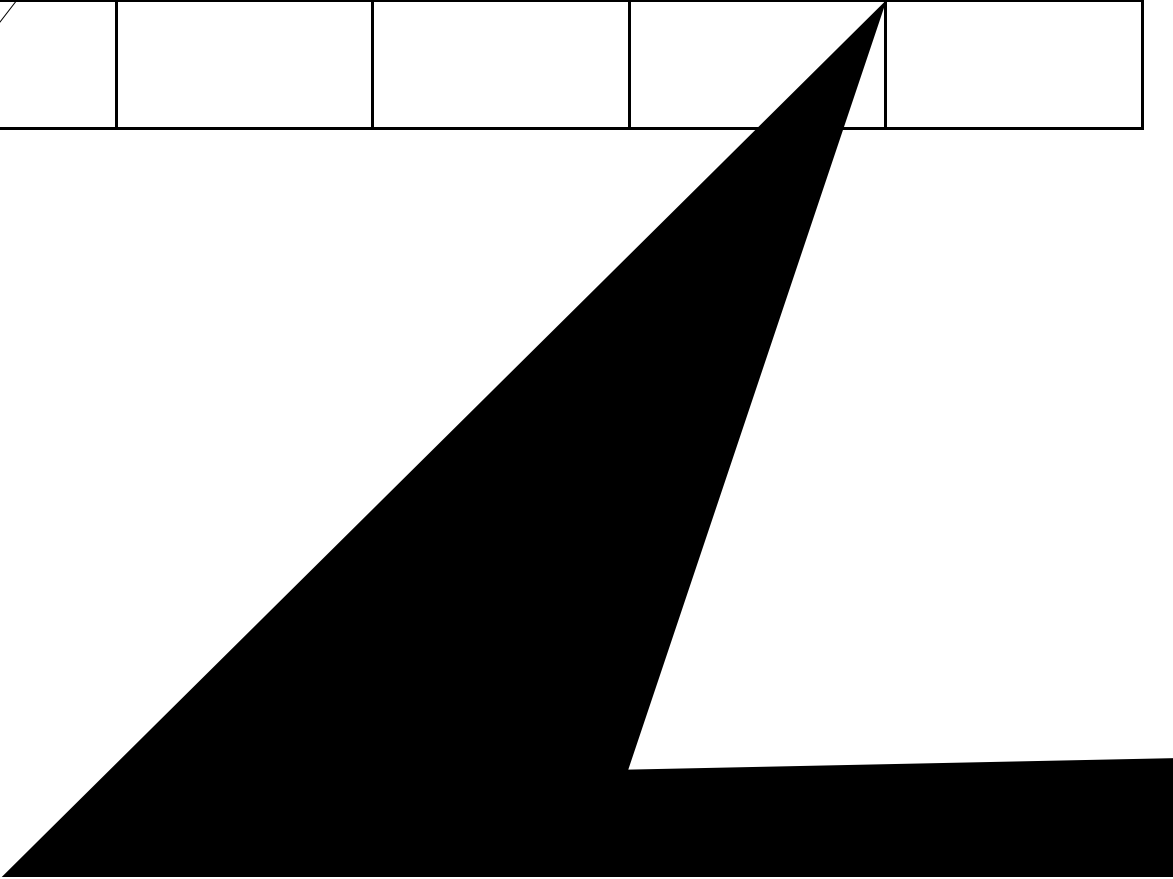
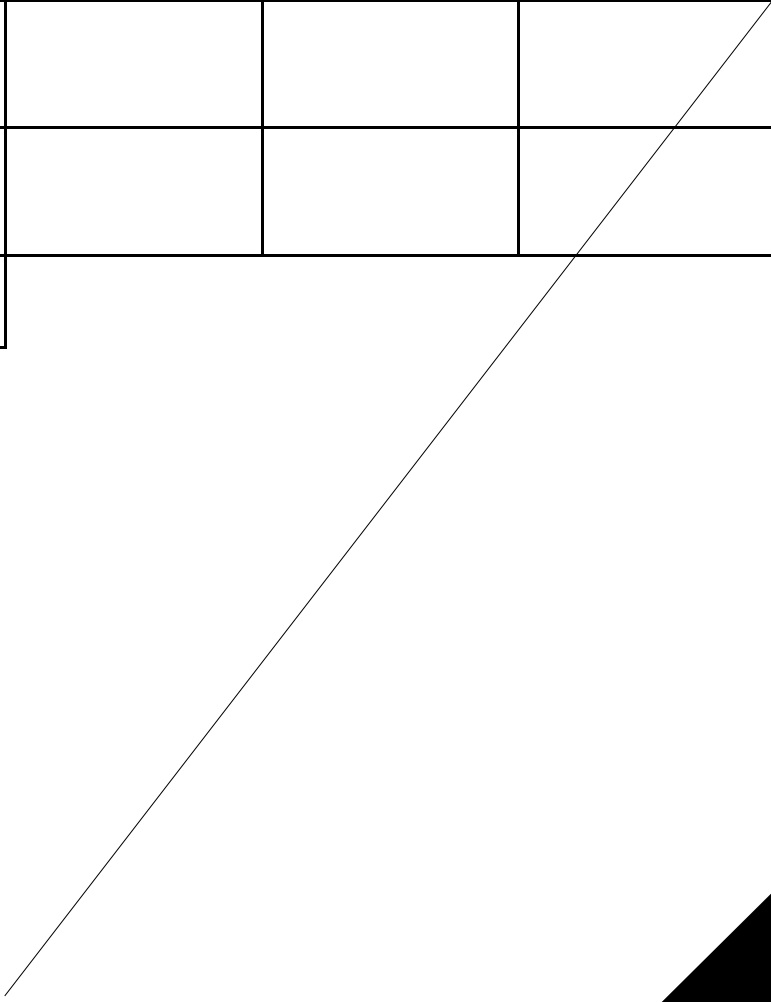
16	noids: beneficial effects and potential in human health	Zhang, J., Sun, Z., Sun, P.P., Chen, T.P. & Chen, F.*	2014	Food & Function		
17	Thermodynamic analysis of representative power generation cycles for low to medium temperature applications	i-Cong Yu, Lin Chen, Yan Zhao, Hong-Xu Li, X.R. Zhang*	2015	International Journal of Energy Research		
18	Numerical simulation on the optical and thermal performance of a modified integrated compound parabolic solar concentrator	Lin Chen, Ji a-Xi a ng Chen and Xi n-R ong Zhang	2014	International Journal of Energy Research		
19	Effect of residual interface stress on thermo-elastic properties of unidirectional fiber-reinforced nanocomposites	Chen Y, Zhang Z, Huang R, Huang Z	2016	International Journal of Mechanical Sciences		
20	Effective slip boundary conditions for sinusoidally corrugated surfaces	Lin Guo, Shi yi Chen, Mark O Robbins	2016	Physical Review Fluids		
	A new fatigue failure theory for m					

21	Multi-directional fibre-reinforced composite laminates with arbitrary stacking sequence	Dong, H., Li, Z., Wang, J. and Karimhaloo, B. L.	2016	International Journal of Fatigue		
22	Microalgal carotenoids: beneficial effects and potential in human health	Zhang, J., Sun, Z., Sun, P. P., Chen, T. P. & Chen, F.*	2014	Food & Function		
23	Abnormal Microchannel Convective Fluid Flow near the Gas-Liquid Critical Point	L. Chen, X. R. Zhang*	2014	Physica A		
24	Thermodynamic analysis of representative power generation cycles for low-to-medium temperature applications	Li-Cong Yu, Lin Chen, Yan Zhao, Hong-Xu Li, X. R. Zhang*	2015	International Journal of Energy Research		
25	Performance Evaluation of a Non-tracking Solar Concentrator in Terms of Optical and Thermal Characteristics	Abid Ustaoglu, Junnosuke Okajima, Xin-Rong Zhang, and Shigenao Maruyama	2015	Environmental Progress & Sustainable Energy		
26	Numerical simulation on the optical and thermal performance of a modified integrated c	Lin Chen, Ji-Xiang Chen and Xin-R	2014	International Journal of Energy Re		

Compound parabolic solar concentrator	ong Zhang		search		
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1	Energy Solutions to Global warming	Xi n-Rong Zhang, I brahi m Di ncer	2016



11		201323854215		2014			
12		20142064672		2014			
13		201310610631		2014			
14		201310609846		2014			
15		201310631238 X		2014			
16		201310717562		2014			
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23		201420743049		2014			

35		201610115417		2016			
36		201610082552		2016			
37		201610068976		2016			
38		201620013078		2016			
39		201620036032		2016			
40		201610024746		2016			
41		201620036034		2016			
42		201610024741		2016			

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3 PCT Patent Cooperation Treaty

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4 PCT

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1	CO2	Q/KD0001-2014		B
2		VB/T 1046-2012		B
3		GB/T2918-2008		B
4		DB11/T 1346-2016		A
5		DB11/T 1211-2015		A
6		DB11/T 1212-2015		A
7		DB11/T 1209-2015		A
8		DB11/T 1210-2015		A
9		DB11/T 1232-2015		A

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1							1	2016
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6	El sevi er (Most Cite d Chi nese Re searchers)				El sevi er			2016
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8	El sevi er (Most Cite d Chi nese Re searchers)				El sevi er			2015
9	El sevi er (Most Cite d Chi nese Re searchers)				El sevi er			2014

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1			8000.0	
2	NW CO2		3000.0	
3	CO2		5000.0	
4			8000.0	
5			800.0	
6	/		1000.0	
7	/		800.0	
8			800.0	
9			2000.0	
10			3657.0	
11			2386.0	

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1	MW				2014		100.0
2	LNG -				2014		110.0
3					2014		430.0
4					2014		220.988
5					2014		1500.0
6	" "				2014		25.0
7					2014		20.0
8					2014		25.0
9					2014		15.0

10					2014		15.0
11					2014		15.0
12	LNG	-			2015		100.0
13					2015		200.0
14					2015		37.2
15	"	"			2015		15.0
16					2015		15.0
17					2015		15.0
18					2015		100.0
19					2015		5.0

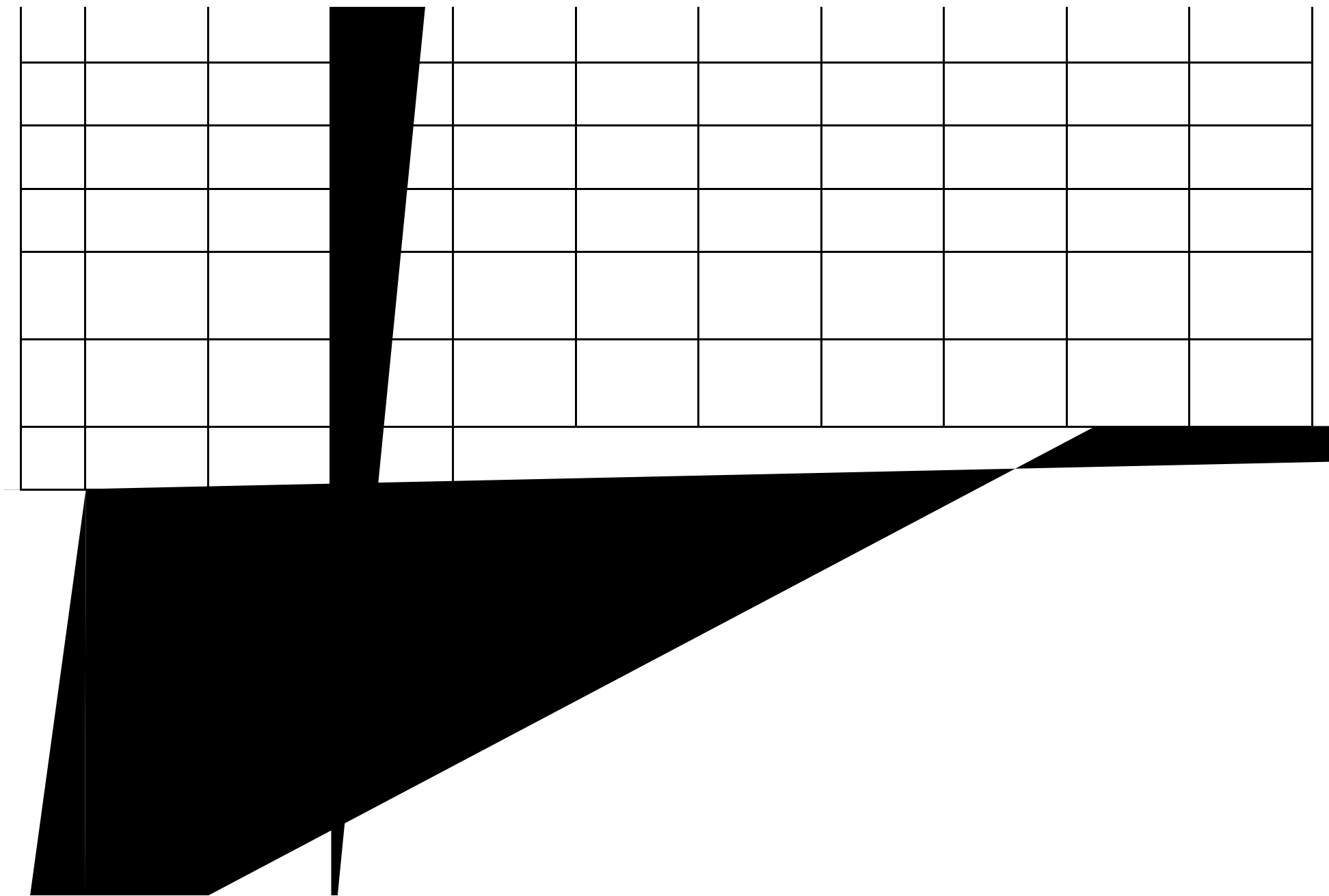


1			4000.0	
2	100KW CO2		12000.0	
3	MW CO2		3000.0	
4			8000.0	
5			2000.0	
6	70kW		1000.0	
7	CO2		500.0	
8	CO2		1000.0	
9			10000.0	
10			1000.0	
11			1000.0	
12			1000.0	

13	002	5000.0	
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							2014. 12-		
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2			1956-10-0 1				2013		
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3			1972-09-2 9						
			1969-09-0				---		



17			1961-02-07						
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19			1971-11-10						
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22			1979-09-28						
23			1961-12-18						
			1961-08-2						

24			5						
25			1968-03-11						
26			1969-05-02						
27			1982-06-26				IEEE INFORMS		
28			1968-12-03				1- 201 1- 201 5- 2010 2011- 2015		

								2006-		
								Regional Editor of Journal of Flow Control, Measurement & Visualization		
29			1974-07-20							
30			1962-12-27							
31			1962-08-03							
32			1962-01-26							
33			1960-06-20							
34			1973-05-15							
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63			1981-11-2 7							

71			1977/08							
72			1971/10							
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76			1964/06/1 6							
77			1982/09/0 8							
78			1989/09/0 5							
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84			1976/02/1 3							

85			1984/09/0 1							
86			1977/12/2 7							
87			1985/06/0 3							
88			1986/07/1 1							

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1	2014-06		54	
2	2014-05		1101	
3	2014-08		2000	
4	2014-10		1000	" "
5	2014-07		48	
6	2015-03		300	2015
7	2015-06		65	
8	2015-07		85	
9	2015-08		50	
10	2015-09		60	
11	2015-11		60	

12	2015- 11		30	
13	2016- 02		72	
14	2016- 05		96	
15	2016- 05		200	
16	2016- 05		200	
17	2016- 07		1000	" "
18	2016- 06		50	
19	2016- 08		200	
20	2016- 09		80	
21	2016- 09		65	
22	2016- 10		55	
23	2016- 12		47	
24	2016- 12		50	

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1	2014-12			
2	2015-3			
3	2015-12			2015 2016
4	2016-06			
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2					2015	150.0
3	X				2016	160.0

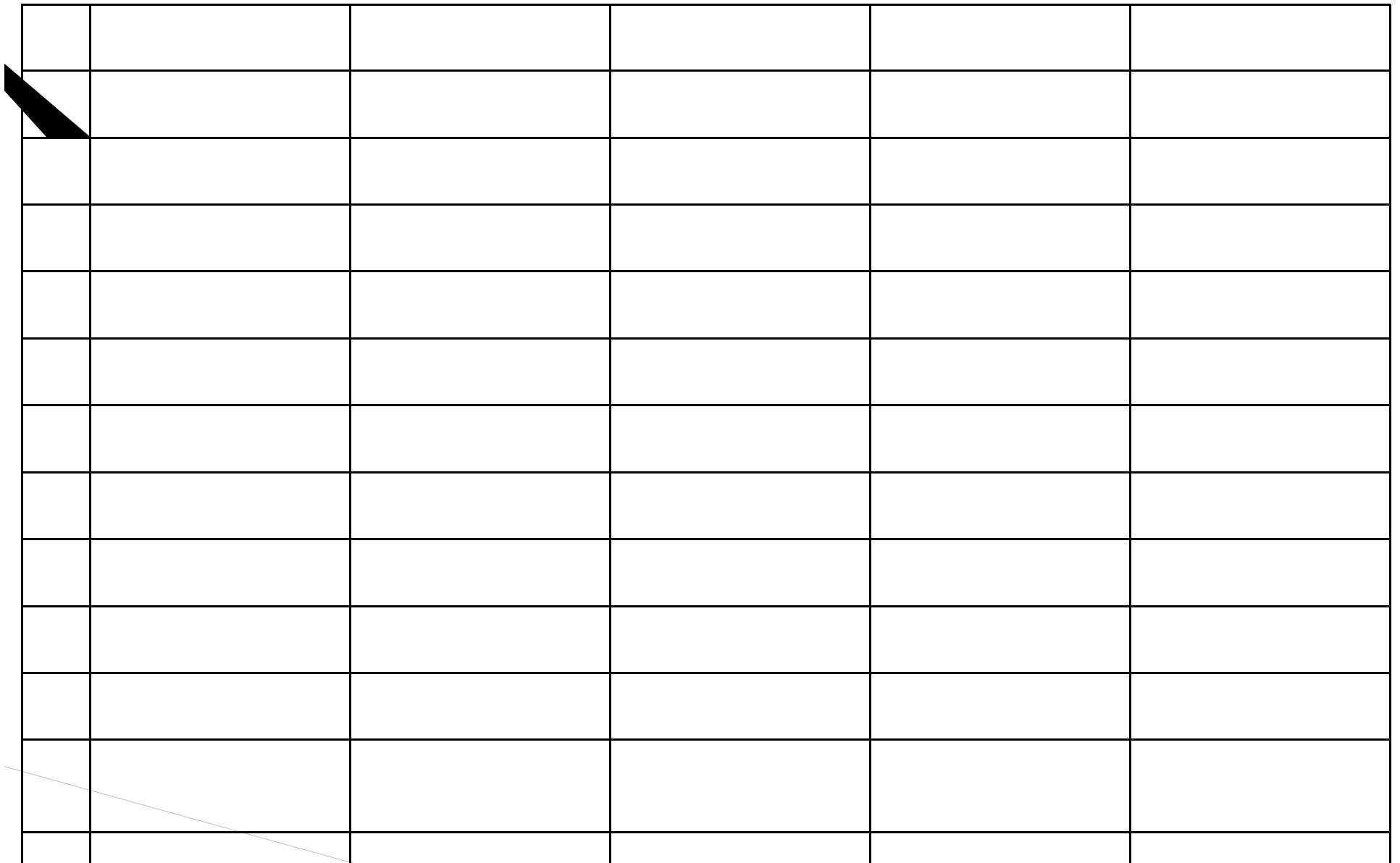
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1	Ronal d W ennersten			2014. 5. 25- 29
2	Xi anguo Li			2014. 5. 25- 29
3	Il ham i Yi l di z			2014. 5. 25- 29
4	I brahi m Di ncer			2014. 5. 25- 29
5	Hi roshi Yanaguchi			2014. 5. 25- 29 CO2-
6	Zuomi n Dong			2014. 5. 25- 29
7	Ji nyue Yan			2014. 11. 17-19
8				2014. 11. 18-20 " "
				2014. 12. 3-5

9	Susan Krumdi eck			
10	Milivoje Kostic			2015. 11
11	Hiroshi Yamaguchi			2015. 6
12				2015. 5
13	Mehmet Arik			2015. 4
14	Milivoje Kostic			2016. 03
15	Trygve Magne Ei kevi k			2016. 10
16	Hiroshi Yamaguchi			2016. 04
17	Katsumi Fujina			2016. 07
18	Giacomo Pisano			2016. 07
19	Yuhiro Iwanoto			2016. 08
20				2016. 10
21				2016. 12

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14			2014-11		301	
15			2014-11		313	" "
16			2014-11		60	
17			2014-12		906	
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19			2015-05			
20			2015-06			
						2015

21	2015		2015-06		
22			2016-07		
23			2016-11		

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1	International Conference on Clean Energy	2014-06	Istanbul, Turkey		Functional Fluids and Their Thermal Energy Conversion by Molecular Design Method
2		2016			

