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73 Nature Commun. Chem. Soc. Rev. JACS Acc. Chem. Res. A

ngew. Chem. Int. Ed. Nano Lett. Adv. Mater. ACS Nano

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Nat. Common. 2015, 6, 6099 J. Am. Chem. Soc. (2015, 137, 1012-1015) J. Am. Chem. Soc. (2015, 137, 8904-8907) Nano Lett. (2015, 15, 403-409)

/h-BN

h-BN B N B N h-BN

B N

h-BN Adv. Mater. 2014, 26, 1776

Nano Lett., 2015, 15, 5846-5854

Nano Lett

. 2014, 14, 3832

Pd

Pd Pd

Pd

3650 cm2/V?s

SEM , Pd

Ni Pt Rh

Small 2014, 10, 4

003-4011

Nature Commun. 2016, 7, 13440

ACS Nano 2016, 10, 3665-3673 Nano Res. 2016, 9, 249-259

0.5-1.1 eV

Glaser Glaser-Hay

J. Am. Chem. Soc. 2015, 137(24)

, 7596-759

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GNR

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120 meV

Adv. Mater., 2015, 27, 4093-4096

Nano Lett., 2015, 15, 5585-5589

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Adv. Mater. 2015, 27, 5210-5216

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Small 2014, 10, 224

5-2250

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Nature Commun., 2015, 6, 6972

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ITO ZnO

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Bi2Se3 Bi2Te3

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dv. Mater. 2015, 27, 4315

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Advanced Materials 2015 DOI: 10.1002/adma.201

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Nano Lett. 2015 15, 4206-4213

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(Adv. Mater., 2014, 26, 1776) /h-BN

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Nature Commun., 2015, 6, 6519

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2 Mildred Dresselhaus

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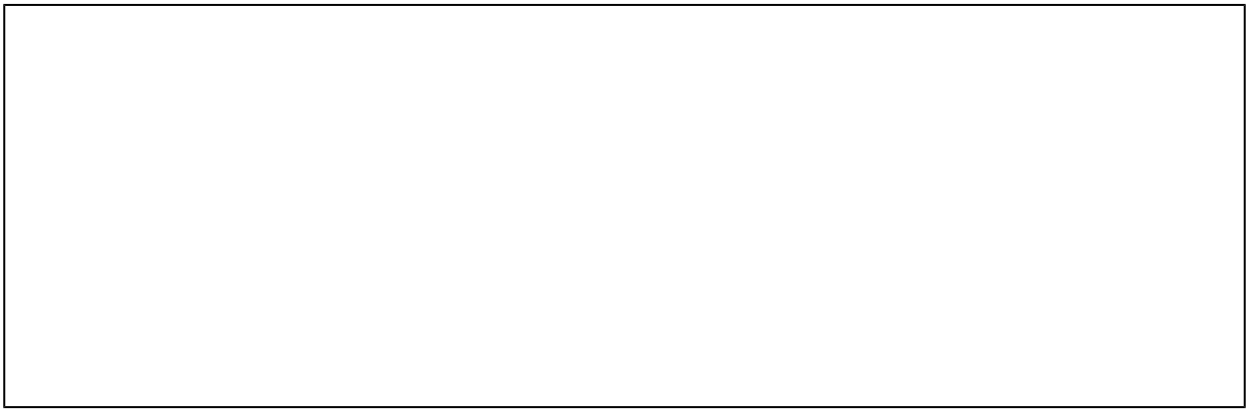

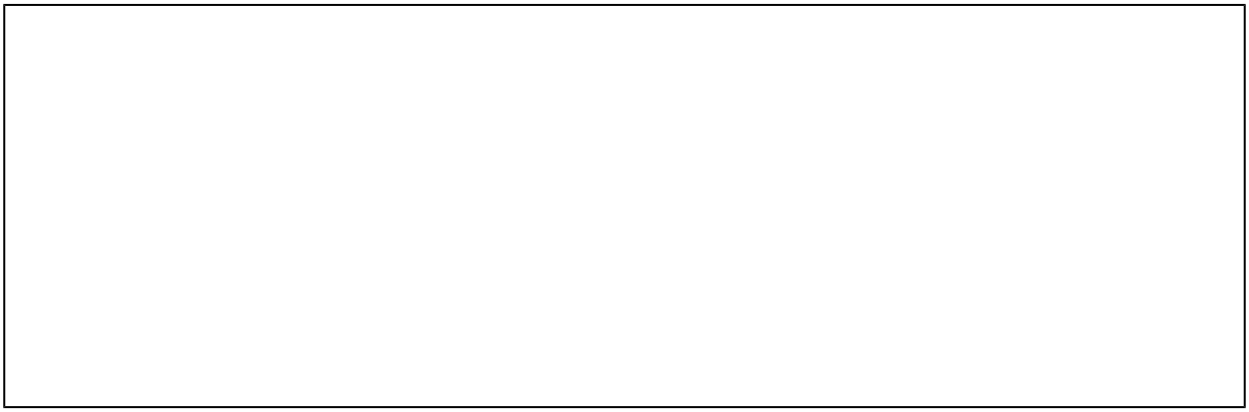

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1			2013	670.0		B
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10			2013	200.0		B
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13			2013	300.0		B
14			2013	80.0		B
15			2014	25.5		B
16			2014	85.0		B
17			2013	89.0		B
18			2013	100.0		B

19			2014	20.0		B
20			2014	15.0		B
21			2015	380.0		B
22			2015	25.0		B
23	VIB		2015	80.0		B
24			2015	100.0		B
25	2D		2015	287.0		B
26			2015	150.0		B
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29			2015	24.0		B

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1	Temperature-triggered chemical switching growth of in-plane and vertically stacked graphene-boron nitride heterostructures	T Gao, XJ Song, H W Du, YF Nie, YB Chen, QQ Ji, JY Sun, YL Yang, YF Zhang*, ZF Liu*	2015	Nature Commun.		11.3
2	Roll-to-Roll Encapsulation of Metal Nanowires between Graphene and Plastic Substrate for High-Performance Flexible Transparent Electrodes	B Deng, PC Hsu, G C Chen, BN Chandrashekar, L Liao, ZW Ayitimuda, JX Wu, YF Guo, L Lin, Y Zhou, M Aisijiang, Q Xie, Y Cui*, ZF Liu*, HL Peng*	2015	Nano Letters		13.8
3	van Hove Singularity Enhanced Photochemical Reactivity of Twisted Bilayer Graphene	L Liao, HL Peng, JB Yin, A.L. Koh, YL Chen, Q Xie, H L Peng*, and ZF Liu*	2015	Nano Letters		13.8
4	Direct CVD-derived graphene glasse	JY Sun, YB Chen, M Priydarshi, Z Chen, A Bachmatiuk, ZY Zou, ZL Chen, XJ Song, YF Gao	2015	Nano Letters		13.8

	s targeting wide ranged applicatio ns	, M Rümmeli, YF Z hang* & ZF Liu*				
5	Synthesis of Grap hdiyne Nanowalls using Acetylenic Coupling Reaction	JY Zhou, X Gao, R Liu, ZQ Xie, J Ya ng, SQ Zhang, GM Zhang, HB Liu, YL Li, J Zhang*, ZF Liu*	2015	J. Am. Chem. Soc.		13.0
6	Diameter-Specific Growth of Semicon ducting SWNT Arra ys Using Uniform Mo2C Solid Cataly st	SC Zhang, L M Ton g, Y Hu, L X Kang , J Zhang*	2015	J. Am. Chem. Soc.		13.0
7	Roll-to-Roll Gree n Transfer of CVD Graphene onto Pla stic for Transpar ent and Flexible Triboelectric Nan ogenerator.	BN Chandrashekar# , B Deng#, A S Sm itha, YB Chen, CW Tan, HX Zhang, HL Peng*, ZF Liu*	2015	Adv. Mater.		19.0
8	Growing uniform g raphene disks and films on molten g lass for heating devices and cell culture	YB Chen, JY Sun, JF Gao, F Du, Q H an, YF Nie, ZL Ch en, A Bachmatiuk, M Kr. Priydarshi, DL Ma, XJ Song, X S Wu, CY Xiong, M H Rümmeli, F Ding , YF Zhang* and Z F Liu*	2015	Adv. Mater.		19.0
	Large-area growth	LX Kang, Y Hu, H				

9	of ultra-high-density single-walled carbon nanotube arrays on sapphire surface	Zhong, J Si, S C Zhang, Q C Zhao, JJ Lin, Q W Li*, Z Y Zhang, L M Peng, J Zhang*	2015	Nano Res.		8.9
10	Chemistry makes graphene beyond graphene	L Liao, HL Peng*, ZF Liu*	2014	J. Am. Chem. Soc.		13.0

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1		201310349245		2013			
2		201310169948		2013			
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30	CVD	201510837048		2015			
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32		ZL 2011 1 0041452.0		2013			
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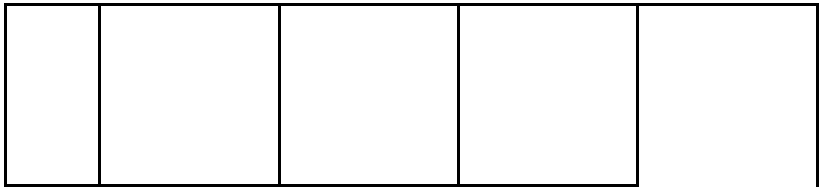

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2			1969-12-26					Carbon Editor		2012-10 2007-7 2006-6
3			1967-02-01					2014.7 Adivisory Board, Nano Research 2013.12 Advisory Board, ACS Nano 2013.6 Associate Editor, Journal of Materials Chemistry A 2013.6 Steering Committee of Carbon Nanotube Conferences 2008		2012-10 2011-7 2002-8

4			1964-09-28							2007-2
5			1968-04-20					-		2014-10 2005-8 2000-6

6			1968-01-26					Scientific Reports Journal of Energy Chemistry		2013-10 2008-8 2003-12
7			1975-02-13							2012-8 2008-1
8			1976-12-01							2012-9 2010-4
9			1974-07-01					Catalysis Science & Technology		2012-9 2009-3
10			1980-02-07							2014-9 2013-9 2012

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11			1978-09-08							2015-8 2012-9 2009-6
12			1982-03-24							2015-9 2014-3 2012-9
13			1988-9-18							2015-7 9
14			1981-06-01							
15			1973-11-24							2007-7
16			1968-07-28							
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1	2013-6-7	A205	Ruoff Sumio Iijima Young Hee Lee	5 MRS
2	2014-8-5	A205		
3	2015-6-6	A205		

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1	Frontiers of Nanochemistry-2013		2013-6-5	A204	”(Frontiers of Nanochemistry)
2			2014-8-5		
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4	Frontiers of Nanochemistry-2015		2015-6-5		”(Frontiers of Nanochemistry)

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1	UK-China Forum on “Carbon and Surface-Functionalised Nanostructures”	2013 3 24	London, England		Chirality Controlled Growth of Single-Walled Carbon Nanotubes on Surface
2	The Bilateral UC Davis/Peking University Workshop	2013 3 4	California, United State		Interface Effects in Molecular Devices: From Concept to Functions
3	The International Workshop on Molecular Nanoelectronics and the 7th China-Denmark Bilateral Forum on Self-assembled Molecular Electronic Nanosystems	2013 4 15	Huangshan, China		Lattice-directed growth of single-walled carbon nanotubes on surface: from orientation to chirality control
4	The Third China-Korea Workshop on Energy Science	2013 5 6			Growth of Single-Walled Carbon Nanotubes with Controlled Structure on Surface
5	2nd Singapore-China Bilateral Symposium on Carbon-based Nanomaterials for Energy	2013 5 18			Designed synthesis and photoelectric conversion of graphene
6	Frontiers of Nanochemistry-2013	2013 6 5			Controllable Synthesis of High-quality Topological Insulator Quasi-2D Nanostructures

7	International Symposium on Optoelectronics, Materials, and Energy (iSOME 2013)	2013 6 11			Growth of Single-Walled Carbon Nanotubes with Controlled Structure on Surface
8	The Fourteenth International Conference on the Science and Application of Nanotubes Conference	2013 6 24	Finland		Lattice-directed growth of single-walled carbon nanotubes on surface: from orientation to chirality control
9	The Collaborative Conference on 3D & Materials Research (CCMR-2013)	2013 6 24	Korea		Molecular Electronic Devices Using Carbon Nanomaterials-based Electrodes
10		2013 6 29			Controlled Growth and Optoelectronic Properties of Dirac Materials
11	International Conference on Materials for Advanced Technologies (ICMAT-2013)	2013 6 30			Materials for Advanced Technologies
12	The 15th Asian Chemical Congress	2013 8 19			Controlled Growth of Graphene and Its 2D Hybrids: Attraction, Reality and Future
13	The 4th PKU-CU Bilateral Nanotechnology Symposium	2013 9 2			Growth of Single-Walled Carbon Nanotubes
14	International Conference on Nanoscience & Technology, China 201	2013 9 5			Controlled synthesis and optoelectronic properties of functiona

	3 (ChinaNANO 2013)				l two-dimensional cry stals
15	The 5th International Conference on Recent Progress in Graphene Research	2013 9 9	Japan		Recent Progress in Gr aphene Research
16	The 19th China-Japan Bilateral Symposium o n Intelligent Electro photonic Materials an d Molecular Electroni cs SIEMME ' 19	2013 9 13			Intelligent Electroph otonic Materials and Molecular Electronics
17	International Symposi um on Nanostructures and Their Application s in Renewable Energy	2013 10 24			Nanostructures and Th eir Applications in R enewable Energy
18	World Congress on Eng ineering and Technolo gy (CET2013)	2013 10 25	Sanya		Interface Effects in Molecular Devices: Fr om Concept to Functio ns
19	The 4th A3 Symposium of Emerging Materials	2013 11 11	Korea		Controlled Growth and Optoelectronic Proper ties of 2D layered cr ystals
20	The 12th Internationa l Conference on Front iers of Polymers and Advanced Materials	2013 12 8	Auckland, New Zealand		Polymers and Advanced Materials
21	14th ISEAC	2013 8 17			

22		2013 9 3			
23	The Materials Research Society Spring Meeting (2014)	2014.4.21			Graphene and Its 2D Hybrids: From Designed CVD Growth to Photochemical Engineering
24	Graphene-2014	2014.5.6			CVD Growth of Graphene and Its 2D Hybrids: Attraction, Reality and Future
25	2nd Sino-European Meeting on Graphene Research	2014.5.11			Controlled CVD Growth of Graphene and Its 2D Hybrids for Electronic Applications
26	Kavli Futures Symposium: Nanomaterials Science in Asian Perspective	2014.6.19			Graphene and Beyond: Attraction, Reality and Future
27	The Inorganic and Nanomaterials Forum (INF 2014)	20147.25			CVD Growth of Graphene and Its 2D Hybrids
28	The 5th Australis-China Conference on Science, Technology and Education	2014.7.20			Graphene and Its 2D Hybrids: Attraction, Reality and Future
29	The 6th International Conference on Recent Progress on Graphene Research	2014.9.21			Graphene and Its 2D Hybrids: From Controlled CVD Growthto Band Structure Engineering
30	Asian Conference of Nanoscience and Nanotechnology 2014 (AsiaNA	2014.9.26			Graphene and Its 2D Hybrids: Attraction, R

	NO2014)				eality and Future
31	The Materials Research Society Fall Meeting (2014)	2014.12.1			CVD Growth of Graphene and Its 2D Hybrids
32	10+10	2014.8.5			Carbon-Molecule Junctions: A Reliable Platform for Molecular Electronics
33	IC_ME_D_2014	2014.5.15			Carbon-Molecule Junctions: A Reliable Platform for Molecular Electronics
34	2014	2014.3			Interface Effects in Molecular Devices: From Concept to Function
35	Asian Conference of Nanoscience and Nanotechnology 2014 (AsiaNANO2014)	2014.9.26			Carbon-Molecule Junctions: A Reliable Platform for Molecular Electronics
36	Biophysical Society Thematic Meeting “Disorder motifs and domains in cell control”	2014.10.11			Interaction specificity of intrinsically disordered proteins
37	NT14 conference	2014.6.1			Radial Deformation of Single-Walled Carbon Nanotubes on Quartz Substrates and the Resultant Anomalous Diameter-Dependent Reaction Selectivity

38	China-Italy bilateral workshop on graphene	2014.9.20			Microscopic structures and electronic properties of graphene and h-BN-graphene Heterostructures
39		2014.9.21			Growth and atomic-scale characterization of graphene and graphene-h-BN hybrid on metal substrates
40	The 5th Australia-ChinaSymposium for Materials Science	2014.7.20			Growth of Single-Walled Carbon Nanotubes on Surface with Controlled Structures
41	Carbon 2014	2014.6.1			CVD Growth of Single-Walled Carbon Nanotubes with Controlled Structures for Nanodevice Applications
42	2nd Sino-European Meetying on Graphene Research	2014.5.12			Graphene: A Platform for Surface Enhanced Raman Spectroscopy
43	97th Canadian Chemistry Conference and Exhibition	2014.6.1			Graphene Enhanced Raman Spectroscopy
44	2014 MRS Spring Meeting	2014.4.21			Ultra-small Intracellular Bioelectronic Probes for Live-cell Action Potential Recording
	Asian Conference of Nanoscience and Nanote				Two-dimensional Crystals: Controlled Synth

45	chnology 2014 (AsiaNANO2014)	2014.9.26			esis and Optoelectronic Devices
46		2014.8.4			Two-dimensional Dirac Materials and Their Optoelectronic Devices
47	International symposium on Materials Chemistry of Two-Dimensional Crystals	2014.8.5			Functional Two-dimensional Crystals: Controlled Synthesis and Optoelectronic Devices
48	1st International workshop on Engineering and Applications of Nanocarbon Materials	2015.2.1	Jinan		Growth of High-Density Horizontally Aligned SWNT Arrays using Trojan Catalysts
49	MRS-SPRING	2015.4.6	San Francisco		Graphene and Beyond: A Road to Controlled Growth
50	7th Workshop on Nucleation and Growth of Single Wall Carbon Nanotubes	2015.4.10	Houston		Growth of High-Density Horizontally Aligned SWNT Arrays using Trojan Catalysts
51	3rd International Conference on Advanced Applied Raman Spectroscopy (Raman Fest 2015)	2015.5.6	Xiamen		Lighting up the Raman Signal of Molecules in the Vicinity of Graphene Related Materials
52	10th Sino-US Nano Forum	2015.6.26	Wuhan		CVD Growth of High-Quality Graphene on Insulators
53	The 16th International Conference on the Science and Applicatio	2015.6.28	Nagoya		Growth of High-Density Horizontally Aligned SWNT Arrays using T

	n of Nanotubes NT15				rojan Catalysts
54	2015 PKU-UTokyo Summe r Camp	2015.7.20	Tokyo		Controlling synthesis of 2-D nanocarbons: F rom graphene to graph diyne
55	The 6th International Conference on Nanosci ence and Technology (ChinaNANO 2015)	2015.9.3	Beijing n		n

					nd Future
61	International Symposium on Clusters and Nanostructures (ISCAN)	2015.10.25	Virginia		Graphene and beyond: Attraction, Reality and Future
62	2nd Asian-European Symposium on Organic Optoelectronics	2015.10.26	Edinburgh		CVD Growth of Single-Walled Carbon Nanotubeswith Controlled Structures for Nanodevice Applications
63	2015 International Graphene Innovation Conference (GRAPCHINA 2015),	2015.10.28	Qingdao		Graphene and beyond: Attraction, Reality and Future
64	6th International Collaborative and Cooperative Chemistry Symposium	2015.11.16	Seoul		CVD Growth of Single-Walled Carbon Nanotubes with Controlled Structures for Nanodevice Applications

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