ʿ . ʺI

*2015 ў ﻠﺠﻲ ˘ ў ў Â ם 14 ‟ ʺΩ 43
ѝ ў ﻠﺠﻲ ˘ 11 æ ў ˘ 71 æ ў Â
* 2015 ˘ ˘ a ﻻ ʾΩʺΩ ȁ ﻻ
ﻠﺠﻲ Э˘ ם ﻠﺠﻲ ѝ 21 ˘ ἐ ם ȁ ם ם Ь
ѝ ˘ ʾ ἐ ם ﻠﺠﻲ Â ἐ ж н
ﻻ Љ ἐ ж н ʅ Â
* ˘ ם ʅ ȁ ם ȁ ﻳﻰ ם
ˆ ˜ ʅ ╟ ȁ ˘ У
Â 3
* ﻳﻰ ם ж н ╟ ˘ 1 æ˚ ˘ 1 æ˚
Â
* У ɔ˘ ɔ Â
* ɔʿ ╖ ╕ ʅ ╟˘ 2015 ﻻ ɔ 2016
ﻻ ɔ Â
*2015 ם 101 ̈ æ˘ 8 æ˚ ľ ך
Ŀ 13 ̈ æ Â
* 2015 ʺΩ ɨ 36 ̈ ˘ 31 ̈ Âʺ Ω ɨ ﻠﺠﻲ 11 Â

ȁ
* 2015 11 ˘ æ ̈ 7 æ ж ם ﻳﻰ * ה Â ﺷﺤ ﻫ IUI
╗ Rudolph Marcus ȁ ﻳﻰ Barry Sharpless ȁ
Richard Zare ȁ╗ ך Frantisek Svec Omar Yaghi ȁ ך Yoshinori
Yamamoto ˘ Љ ﻻ ך ╟ ʺI ў Â ἐ ʿΩ æ ﻳﻰﻳﻰ
˘ ч æ ם Â ˜ ȁ ﻻ ж ﻻ Â ж ם

̋I ی ם Iʼ ḩ ́ I·Â

* 2015 ם ̋Ω SCI 690 ˘ ὲ 390 ѝ У ɔ æ ˘ ˆ IF˜ 6.63ʾ ж 23 ˘ ж 37 ʾ 2015 312 ȁ ی ﺠﻠ 34 ˘ 4867.1 Â

* 2015 ی б (USNEWS) ̈ ,ר ם ́ ̈ ѝ 12 æ Â 2015 QS ̈ ˘ ר ם ́ ̈ ѝ 15 æ Â

* 2015 ם ́ ɔ 507 ˘ ́ ɔ́ ̊ 20 ʾ ר ̋I ʼΩ ܐ 1.8 ˘ 2 Â

* 2015 3 13 ˘ ם ی Oak Ridge ی Dr. Wu Zhou б ם ̊ ̃Ω Â Dr.Zhou έ з ܐ У ‟ ˘ ם ̋I ם ́ ɔ Â

*2015 4 19 2015 5 23 ˘ ם ר б Tetsu Yonezawa ˜ ˘ ╖ б́ ɔ Â

*2015 5 18 ˘ ם ם ی˜ Y ȁ ם Dr. Sue B. Clark

˜˘ Jari Kinaret ˇ Y Â ў
ˆ ɔ ˘ ﻟﺠﻲ ˘ й ロ ˜Ω
Â

*2015 7 21-25 ˘ ロ ﻳﻰ Stephen J. Lippard ˘
ˇ ¨ ȁ Â Stephen J. Lippard 7
23 й ロ й ľ Mobile zinc signaling in the brain - learning, memory, hearing,olfaction, and vision Ŀ Â

* 2015 7 27 2015 8 27 ˘ ﻳﻰ ﻟﺠﻲ ˥ ロ
й У Â ў ɔ ˘ ╟ ˘ ╟
˘ ˘ . ﻟﺠﻲ б ˜Ω Â
ɔ ʿ й ロ ľ Ŀ ʾ ╗ ˥ ╕ ľ
ʿ ȁ ╟ б Ŀ ﻳﻰ ˘ й ľ Quantitative Analysis and Modeling of Spatial Regulation of Axonal Transport in Normal and Degenerative Neurons Ŀ ʾ б ロ ἐ
˜Ω Â

* 2015 ˝Ω ﻳﻰ 155 Â

* 2015 ˝Ω ﻳﻰ ﻳﻰ 4 Â 6 4-6 ˘ ﻳﻰ ロ ˘
╟ ʾ 9 17-19 ˘ ὦ ˥ ˙ ロ ʾ 10 24-25 ˘ Beijing Symposium 2015 on "Frontiers at the Chemistry and Biology Interface ʾ 11 9 ˘ Mini Symposium on Recent Advances in Organic Synthesis at Peking University.

ὰ

2015 3 13 ˘ ﻳﻰ New York University ˘ James W. Canary ˘ ʿ Reconfigurable Chiral Copper Complexes: Ambidextrous Catalysis.

2015 3 13 ˘ ╗ ˘ Vladimir Ladizhansky ˘ ʿ Solid-state NMR and membrane protein structure determination: new methods to address old problems.

2015 3 20 ˘ ﻳﻰ ロ ˘ ﻳﻰ ˘ ʿ ʅ ɺ ἐ
˜Ω

2015 3 27 ˘ ˥ ˘ ˘ ʿ Next Generation Proteomics, Phoenix Project and CNHPP

2015 4 3 ˘ ˥ ロ ˘ ш ˜ ˘ ʿ Controllable Synthesis and Property of Rare Earth Nanomaterials

2015 4 17 ˘ ﻳﻰ University of Birmingham ˘ David Book ˘ ʿ Development of materials to purify, compress and store hydrogen.

2015 4 24 ˘ Hokkaido University ˘ Yonezawa Tetsu ˘ ʿ Finding Detailed Structures of Nanoparticles : EXAFS and STEM.

2015 5 8 ˘ ﻳﻰ University of Florida ˘ Kirk S. Schanze ˘ ʿ Conjugated Polyelectrolytes: Fundamental Investigation and Applications to Sensors and Solar Cells.

2015 5 8 ˘ ﻳﻰ University of Southern California ˘ Mark E. Thompson ˘ ʿ The Design of Organic Solar Cells with High Voltage and Efficiency.

2015 5 15 ˘ ﻳﻰ Humboldt-Universität zu Berlin ˘ Thomas Braun ˘ ʿ Activation of Fluorinated Molecules at Transition Metal Complexes: From Model Reactions to Catalysis.

2015 5 22 ˘ ﻳﻰ ロ ˘ ˘ ʿ ˆ ˝I
ˀ .

2015 5 22 ˘ ﻳﻰ o ˘ ˘ ʿ Molecular programming with DNA.

2015 5 29 ˘ University of Zurich ˘ Ruedi Aebersold ˘ ʿ Genotypic Variability and the Quantitative Proteotype

2015 5 29 ˘ ی Seoul National Universityˇ Takhee Lee ˘ ˙ Molecular- and polymer-based electronic devices.

2015 6 5 ˘ Shinshu Universityˇ Morinobu Endo ˘ ˙ The State-Of-The-Art Science and Applications of Carbon Nanotubes

2015 6 12 ˘ ی University of Wisconsinˇ George W Huber ˘ ˙ The Design of New Catalytic Technologies: Challenges and Opportunities of the Emerging Clean Fuels and Chemicals Industry.

2015 6 12 ˘ ی Purdue University, Joseph Irudayaraj ˘ ˙ Single molecule spectroscopic Investigations of live cells.

2015 6 19 ˘ ی University of California, Los Angelesˇ Paul S. Weiss ˘ ˙ Cooperative Function in Atomically Precise Nanoscale Assemblies

2015 7 3 ˘ ی The Scripps Research Instituteˇ K.D. Janda ˘ ˙ Merging of Chemistry and Biology: In Search of Molecules with Translational Function

2015 7 3 ˘ Kyushu Universityˇ Chihaya Adachi ˘ ˙ Highly Efficient Organic Light Emitting Diodes Based on Thermally Activated Delayed Fluorescence

2015 9 25 ˘ ی Northwestern Universityˇ Fraser Stoddart ˘ The Nature of the Mechanical Bond.

2015 9 25 ˘ ی University of Michiganˇ Robert Kennedy ˘ ˙ The Nanoliter Lab: Using Droplet Microfluidics for Chemical Analysis, Screening, and Sensing

2015 10 9 ˘ ی University of Cambridgeˇ Anthony K. Chee ˘ ˙ Physical Properties of Metal-Organic Frameworks

2015 10 16 ˘ ی Fritz Haber Institute of the Max Planck Society in Berlinˇ Matthias Scheffler ˘ ˙ Big-Data Analytics for Materials Science: Concepts, Challenges, and Hype.

2015 10 16 ˘ ی Cardiff Universityˇ Graham J. Hutchings ˘ ˙ Catalysis using supported gold nanoalloy catalysts.

2015 10 23 ˘ ی University of California Berkeleyˇ Kevan Shokat ˘ ˙ Nontraditional Strategies for Drugging Important Disease Targets.

2015 10 30 ˘ University of Genevaˇ Nicolas Winssinger ˘ ˙ PNA-programmed Self Assemblies in Chemical Biology

2015 11 6 ˘ ی MITˇ Stephen L. Buchwald ˘ ˙ Palladium-Catalyzed Carbon -Heteroatom Bond-Forming Reactions

2015 11 13 ˘ ی Princeton Universityˇ Paul J. Chirik ˘ ˙ Earth Abundant Metal Catalysts for Organic Synthesis: The Interplay of Applications and Electronic Structure.

2015 11 13 ˘ ی University of Washingtonˇ David Baker ˘ ˙ The golden age of de novo protein structure design

2015 11 20 ˘ ″Ω ˘ Rint Sijbesma ˘ ˙ Mechanofunctional polymers: Luminescent probes & catalytic triggers

2015 11 27 ˘ ی University of Oxfordˇ Peter J. Hore ˘ ˙ Do birds use chemical reactions to navigate?

2015 12 4 ˘ ی Leibniz Institute for Catalysis at the University of Rostockˇ Matthias Beller ˘ ˙ Be Green! Sustainable Catalysis for Making Bulk and Fine Chemicals

2015 12 4 ˘ ی University of Minnesotaˇ Jiali Gao ˘ ˙ Protein dynamics and charge transfer processes in a photoreceptor protein.

2015 12 11 ˘ The University of Tokyoˇ Takuzo Aida ˘ ˙ Materials Science Using Electrostatic Repulsions.

2015 12 11 ˘ Kyoto Universityˇ Susumu Kitagawa ˘ ˙ Chemistry of New Porous materials: Porous Coordination Polymers/Metal-Organic Frameworks.

2015 12 18 ˘ یی European Commission, Joint Research Center˘ Thomas Fanghanel ˘ ʿ
Closing the Nuclear fuel Cycle for Future Sustainable Nuclear Energy
2015 12 25 ˘ یی ˘ ˎ ˘ ȁ б

* ὰ У ﲏ ̋I ˘ Љ ̶ ︎-ƀ TGF-b˜
ﾑ Â У 3 16 ˆ ˘ ˆ ˜ ˜Â ὰ
SLC ˆ SWCNTs˜ ˘ ̋I ȩ ˘
TGF-b ﾑ ̋I Â ̋I Э У ˘ ̋I
˘ ╖ TGF-b ﾑ ȁ Â У ˘ У
TGF-b ﾑ ̋I Â
* У ﾉ ﾉ ﾊ ˘ 1- ﲏ-2- ﲏ м Cope
ﾊ ˘ έ 6-7-5 Ь Â ﾊ й м ȁ Cope ȁ
[1˘ 2]- Â ɔ ˆ ˘ ˘ ˜Â
* ̋I ȩ Ainsliadimer A б Â ̋I
˘ ȩ έ ȁ ﾊ Â ɫ˘
ȩ ȩ ɔ й
IKK ˘ з ˘ ȩ б ὲ Æ 46 Æ Â
Ainsliadimer A ﾊ NF-kB ɔ У
IKK ﾑ Â ɫ Љ ﾉ Ainsliadimer A
Â ̏Ω ˆ ˜Â
* б ˥ ﾉ ὲ ɔ ˜
ɔ˘ ﲏ Sierpiński˜ ˘ æ ˆ STM˜
ҿ ɔ ╟ ҿ Â У 2015
3 30 Љ ľ Assembling molecular Sierpiński triangle fractals Ŀ й ȇ - Ȉ ʿ
ˆ ˜Â
* † ȁ У ˘
ﾊ ˘ б ˘
н ﲏ Э Â - ˘
˘ ﲏ н PET ﲏ
˘ /PET Â ж ˘ ὲ
ˆ ˘ ˜Â
* ȁ У ‟ ﲏ BDPPV Â
n BDPPV Э ȁ ч n ClBDPPV
FBDPPV Â BDPPV б n N-DMBI ̏Ω ɫ Â ὲ 14 S
cm-1˘ ╖ 28 μW m-1 K-2˘ ╖ n ̏Ω Â
˘ ̏Ω Э a ὲ ˘ ˘
˘ ɣ Â ̏Ω ˆ – ˜Â
* ﾉ ﾉ ὲ ˜ ˘ б æ Ni(cod)2
[RhCl(cod)]2 ﾊ ˘ ɣ Â ﾊ ˘ ﾉ Φ ɣ ﲏ ﾉ
̋Ω ﾊ б æ d У ȩ ľ ˜ Ŀ Φ ɣ
˘ ╖ έ ɣ Â й
a ˘ й У У Â
˘ ˘ ˆ ˜ Â
* Ь ῶ ﾊ ˘ й ȩ
έ Â ȇ Ȉ Accounts of Chemical Research˜ Э ῶ

Э ˜Â

* à ˜ ң (+)-Propindilactone G a ɔ˘

è Â ɔ Лъ Asymmetric Total Synthesis of Propindilactone G й

˜Â (+)-Propindilactone G 2008

Schisandra propinqua var. propinqua˜ ˜ Ь ң Â(+)-Propindilactone G é 5/5/7/6/5 10 è 3 Â ң é HIV Â 2 Лъ 20 (+)-Propindilactone G a ɔ Â

* ˝I C-H ◘ ң Â ·

У é ң (−)-Incarviatone A й Â ң é

8 è 3 Â ˜ ˜

ң ◘ é IC50 29nM˜˘ ◘ ή

è é Â ˝I У à C-H ◘ ˘

Лъ н й 4 à C-H ◘ è a sp3

C-H indane ˜Ω ү Â ˜ Лъ

14 (−)-Incarviatone A a Â

˜

* ˜ à † ˜Ω AA˜ Ę ˘

б Â Accounts of Chemical Research

Э AA à

˜Â ˜ ä ˜ Ą

* ˚ б Л ˆ а ḩ ˜ ˘ ⋈ Э ⩘ ҿ
У У Љ Â б ˂ ɔ˘ У
Â ɔ ˆ ˜ Э Â
Y ɔ
2015 ῝Ω 7 ᴁ ╗ ם
ʿ н ˥ ˘ 2012 ی ˘ 2013-2015 ی o
ɫ Â2015 5 ם ם Â ў ʿ ם
˘ й έ ȁ ˘ ȁ ȁ Â
ʿ н ˥ ˘ 2007 ی ˘ 2007-2008
ی ɫ˘ 2008-2009 ی╗ ˥ ˘ 2009 8 ╗ ی
˘ ╞ Â 2015 12 ם ם Â ў ʿ
ם ם Â
ʿ н ˥ ˘ 2007 ˥ ם ᴁ Â 2007-2011
ή ɫ˘ 2010 IMEC Â 2011-2015 ╗ ی
˘ Â 2015 3 ם ם Â Â
ʿ н ˥ ˘ 2011 ˥ ם ᴁ Â 2011-2014
ی ی╗ ɫ˘ 2014-2015 ی ی ɫ Â2015 11
ם ם Â Â
ʿ н ˘ 2015 ˥ ם ᴁ Â 2015 7 ם
ﻟﺠﻲ ɔ Â
ʿ н ˥ ם ˘ 2015 ˥ ם ᴁ Â 2015 7 ם
ﻟﺠﻲ ɔ Â
ʿ 2006 ˂ ᴁ˘ 2006-2015 ˥ ╟ ╞ ȁ
Â 2015 10 ם ╕ ʼΩ / н ╕ ʼΩ ɔ Â
2015 ῝Ω 4 ᴁ Â ʼ ʼ ʼ Â
2015 ῝Ω 10 ᴁ Â ῝I ʼ ʼ Ⲇ ʼ ʼ ʼ
ʼ ʼ ῞Ω ʼ ʼ Â