Supplementary Information

License Number	3681020277141
License date	Aug 02, 2015
Licensed Content Publisher	John Wiley and Sons
Licensed Content Publication	Journal of Molecular Recognition
Licensed Content Title	Molecular imprinting science and technology: a survey of the literature for the years 2004–2011
Licensed Content Author	Michael J. Whitcombe, Nicole Kirsch, Ian A. Nicholls
Licensed Content Date	Mar 20, 2014
Licensed Content Pages	105
Type of use	Journal/Magazine
Requestor type	University/Academic
Is the reuse sponsored by or associated with a pharmaceutical or medical products company?	no
Format	Electronic
Portion	Figure/table
Number of figures/tables	1
Original Wiley figure/table number(s)	figure 2
Will you be translating?	No
Circulation	1
Title of new article	Reversible molecular adsorption based on multiple-point interaction by shrinkable gels
Publication the new article is in	MDPI
Publisher of new article	Polymers
Author of new article	Guoqing Pan
Expected publication	Dec 2015

Figure S1. The license of reprinting figure from Reference 3. Copyright 2014, Wiley.

License Number	3680911343156
License date	Aug 02, 2015
Licensed content publisher	The American Association for the Advancement of Science
Licensed content publication	Science
Licensed content title	Reversible Molecular Adsorption Based on Multiple-Point Interaction by Shrinkable Gels
Licensed content author	Taro Oya, Takashi Enoki, Alexander Yu. Grosberg, Satoru Masamune, Takaharu Sakiyama, Yukikazu Takeoka, Kazunori Tanaka, Guoqiang Wang, Yasar Yilmaz, Michael S. Feld, Ramachandra Dasari, Toyoichi Tanaka
Licensed content date	Nov 19, 1999
Volume number	286
Issue number	5444
Type of Use	Journal
Requestor type	Scientist/individual at a research institution
Format	Print and Electronic
Portion	Figure
Number of figures/tables	1
Order reference number	None
Title of new article	Reversible molecular adsorption based on multiple-point interaction by shrinkable gels
Publication the new article is in	MDPI
Dublisher of new article	Dolumers

Figure S2. The license of reprinting figure from Reference 94. Copyright 1999, Science.

polymerization Licensed content author Licensed content date Licensed content volume number Licensed content issue number Number of pages 7 Type of Use Requestor type author of new work Portion figures/tables/illustrations Format Are you the author of this Elsevier article? Will you be translating? Original figure numbers Publication new article is in Publisher of the new article Author of new article Author of new article Author of new article Extended Author of new article Extended Author of new article Extended Author of new article Guoging Pan, Ying Zhang, Xianzhi Guo, Chenxi Li, Huiqi Zhang Licensed content vis Is November 2010 author of new article Budy Author of new article Budy Author of new article Format Author of new article Guoging Pan Expected publication date Expected publication date Expected publication at Dec 2015 Estimated size of new article In Outhor of pages)		
Licensed content publisher Licensed content publication Licensed content publication Licensed content title An efficient approach to obtaining water-compatible and stimuli-responsive molecularly imprinted polymers by the facile surface-grafting of functional polymer brushes via RAFT polymerization Licensed content author Licensed content date Licensed content volume number Licensed content volume number Licensed content issue number Number of pages 7 Type of Use reuse in a journal/magazine author of new work Portion figures/tables/illustrations Format Are you the author of this Elsevier article? Will you be translating? Original figure numbers Scheme 1 Title of the article Reversible molecular adsorption based on multiple-point interaction by shrinkable gels Publication new article is in Publisher of the new article Guoqing Pan Elsevier approach to obtaining water-compatible and stimuli-responsive molecularly imprinted polymers by the facile surface-grafting of functional polymer brushes via RAFT polymerization Guoqing Pan Elsevier approach to obtaining water-compatible and stimuli-responsive molecularly imprinted polymer by the facile surface-grafting of functional polymer brushes via RAFT Biosensez approach to obtaining water-compatible and stimuli-responsive molecularly Elsevier approach to obtain grafted surface-grafting of functional polymer brushes via RAFT Elsevier approach to obtain grafted surface-grafting of functional polymer brushes via RAFT Elsevier approach to obtain grafted surface-grafting of functional polymer brushes via RAFT Elsevier approach to obtain grafted surface-grafting of fu	License Number	3680941485869
Licensed content publication Licensed content title Licensed content title An efficient approach to obtaining water-compatible and stimuli-responsive molecularly imprinted polymers by the facile surface-grafting of functional polymer brushes via RAFT polymerization Licensed content author Licensed content date Licensed content volume number Licensed content issue number Licensed content issue number Number of pages 7 Type of Use reuse in a journal/magazine author of new work Portion figures/tables/illustrations Format Are you the author of this Elsevier article? Will you be translating? No Original figure numbers Publication new article Publisher of the new article Publisher of the new article Author of new article Author of new article Foundation in me article Guoging Pan Expected publication date Expected publication date Expected publication and activity and the surface of the new article Cnumber of pages 10 Licensed content title An efficient approach to obtaining water-compatible and stimuli-responsive molecularly imprinted polymers An efficient approach to obtaining water-compatible and stimuli-responsive molecularly imprinted polymer Spans, Stansparsity and stimuli-responsive molecularly An efficient approach to obtaining water-compatible and stimuli-responsive molecularly Business Capacity Chemical Spansparsity	License date	Aug 02, 2015
Licensed content title An efficient approach to obtaining water-compatible and stimuli-responsive molecularly imprinted polymers by the facile surface-grafting of functional polymer brushes via RAFT polymerization Licensed content author Licensed content date Licensed content volume number Licensed content issue 15 November 2010 Licensed content issue 26 Number of pages 7 Type of Use Requestor type author of new work Portion figures/tables/illustrations Format Are you the author of this Elsevier article? Will you be translating? Noriginal figure numbers Author of new article Publication new article Author of new article MDPI Publisher of the new article Author of new article Guoging Pan Dec 2015 Estimated size of new article (number of pages) Author of pages) Author of pages Licensed content author obstaining year-content author of pages Author of pages Author of pages Author of new article Dec 2015 Estimated size of new article (number of pages)	Licensed content publisher	Elsevier
imprinted polymers by the facile surface-grafting of functional polymer brushes via RAFT polymerization Licensed content author Licensed content date Licensed content volume 26 Licensed content volume 26 Licensed content issue 3 number Number of pages 7 Type of Use reuse in a journal/magazine Requestor type author of new work Portion figures/tables/illustrations Number of 1 figures/tables/illustrations Format electronic Are you the author of this Elsevier article? Will you be translating? No Original figure numbers Scheme 1 Title of the article Reversible molecular adsorption based on multiple-point interaction by shrinkable gels Publication new article is in MDPI Publisher of the new article Guoqing Pan Expected publication date Dec 2015 Estimated size of new article (number of pages)	Licensed content publication	Biosensors and Bioelectronics
Licensed content date 15 November 2010 Licensed content volume number 26 Licensed content issue 3 number 3 Number of pages 7 Type of Use reuse in a journal/magazine Requestor type author of new work Portion figures/tables/illustrations Number of 1 figures/tables/illustrations Format electronic Are you the author of this Elsevier article? Will you be translating? No Original figure numbers Scheme 1 Title of the article Reversible molecular adsorption based on multiple-point interaction by shrinkable gels Publication new article is in MDPI Publisher of the new article Guoqing Pan Expected publication date Dec 2015 Estimated size of new article (number of pages)	Licensed content title	imprinted polymers by the facile surface-grafting of functional polymer brushes via RAFT
Licensed content volume number Licensed content issue number Number of pages 7 Type of Use reuse in a journal/magazine Requestor type author of new work Portion figures/tables/illustrations Number of 1 figures/tables/illustrations Format electronic Are you the author of this Elsevier article? Will you be translating? No Original figure numbers Scheme 1 Title of the article Reversible molecular adsorption based on multiple-point interaction by shrinkable gels Publication new article is in Publisher of the new article Author of new article Expected publication date Expected publication date Expected publication date Expected problematics of new article Couging Pan Expected publication date Expected publication date Expected problematics of new article Couging Pan Expected problematics of new article Couging Pan Expected publication date Dec 2015	Licensed content author	Guoqing Pan,Ying Zhang,Xianzhi Guo,Chenxi Li,Huiqi Zhang
number Licensed content issue a mumber Number of pages 7 Type of Use reuse in a journal/magazine Requestor type author of new work Portion figures/tables/illustrations Number of 1 figures/tables/illustrations Format electronic Are you the author of this Elsevier article? Will you be translating? No Original figure numbers Scheme 1 Title of the article Reversible molecular adsorption based on multiple-point interaction by shrinkable gels Publication new article is in MOPI Publisher of the new article Guoging Pan Expected publication date Dec 2015 Estimated size of new article (number of pages)	Licensed content date	15 November 2010
number of pages 7 Type of Use reuse in a journal/magazine Requestor type author of new work Portion figures/tables/illustrations Number of figures/tables/illustrations Number of figures/tables/illustrations Format electronic Are you the author of this Elsevier article? Will you be translating? No Original figure numbers Scheme 1 Title of the article Reversible molecular adsorption based on multiple-point interaction by shrinkable gels Publication new article is in MOPI Publisher of the new article Guoqing Pan Expected publication date Dec 2015 Estimated size of new article (number of pages)		26
Type of Use reuse in a journal/magazine Requestor type author of new work Portion figures/tables/illustrations Number of figures/tables/illustrations Format electronic Are you the author of this Elsevier article? Will you be translating? No Original figure numbers Scheme 1 Title of the article Reversible molecular adsorption based on multiple-point interaction by shrinkable gels Publication new article in MDPI Publisher of the new article MOPI Publisher of the new article Guoging Pan Expected publication date Dec 2015 Estimated size of new article (number of pages)		3
Requestor type author of new work Portion figures/tables/illustrations Number of figures/tables/illustrations Format electronic Are you the author of this Elsevier article? Will you be translating? Original figure numbers Scheme 1 Title of the article Publication new article is in MDPI Publisher of the new article Author of new article Expected publication date Expected publication date Expected publication date Expected figures/tables/illustrations 1 1 1 1 1 1 1 1 1 1	Number of pages	7
Portion figures/tables/illustrations Number of figures/tables/illustrations Format electronic Are you the author of this Elsevier article? Will you be translating? No Original figure numbers Scheme 1 Title of the article Reversible molecular adsorption based on multiple-point interaction by shrinkable gels Publication new article is in MOPI Publisher of the new article Guoqing Pan Expected publication date Dec 2015 Estimated size of new article (number of pages)	Type of Use	reuse in a journal/magazine
Number of figures/tables/illustrations 1 1 1 1 1 1 1 1 1	Requestor type	author of new work
figures/tables/illustrations Format electronic Are you the author of this Elsevier article? Will you be translating? No Original figure numbers Scheme 1 Title of the article Reversible molecular adsorption based on multiple-point interaction by shrinkable gels Publication new article in MDPI Publisher of the new article Polymers Author of new article Guoging Pan Expected publication date Dec 2015 Estimated size of new article (number of pages)	Portion	figures/tables/illustrations
Are you the author of this Elsevier article? Will you be translating? Original figure numbers Scheme 1 Title of the article Publication new article is in MDPI Publisher of the new article Author of new article Expected publication date Expected publication date Expected for new article Cinumber of pages) Author of new article Expected publication date Dec 2015 Extended Size of new article Cinumber of pages)		1
Elsevier article? Will you be translating? Original figure numbers Scheme 1 Title of the article Publication new article is in Publisher of the new article Author of new article Expected publication date Expected publication date Expected for new article Cnumber of pages) No MOPI Polymers Guoqing Pan Expected publication date Dec 2015 Estimated size of new article (number of pages)	Format	electronic
Original figure numbers Scheme 1 Title of the article Reversible molecular adsorption based on multiple-point interaction by shrinkable gels Publication new article is in MDPI Publisher of the new article Polymers Author of new article Guoqing Pan Expected publication date Dec 2015 Estimated size of new article (number of pages)		Yes
Title of the article Reversible molecular adsorption based on multiple-point interaction by shrinkable gels Publication new article is in MDPI Publisher of the new article Author of new article Superior Super	Will you be translating?	No
Publication new article is in MDPI Publisher of the new article Polymers Author of new article Guoqing Pan Expected publication date Dec 2015 Estimated size of new article (number of pages)	Original figure numbers	Scheme 1
Publisher of the new article Author of new article Expected publication date Estimated size of new article (number of pages) Polymers Guoging Pan Dec 2015 Estimated size of new article (number of pages)	Title of the article	Reversible molecular adsorption based on multiple-point interaction by shrinkable gels
Author of new article Guoqing Pan Expected publication date Dec 2015 Estimated size of new article (number of pages) 10	Publication new article is in	MDPI
Expected publication date Dec 2015 Estimated size of new article (number of pages) 10	Publisher of the new article	Polymers
Estimated size of new article 10 (number of pages)	Author of new article	Guoqing Pan
(number of pages)	Expected publication date	Dec 2015
		10
Electrica VAT number GB 494 £277 12	Elegator VAT number	GB 494 £272 12

Figure S3. The license of reprinting figure from Reference 36. Copyright 2010, Elsevier.

License Number	3681021332657
License date	Aug 02, 2015
Licensed Content Publisher	John Wiley and Sons
Licensed Content Publication	Angewandte Chemie
Licensed Content Title	Thermo-Responsive Hydrogel Layers Imprinted with RGDS Peptide: A System for Harvesting Cell Sheets
Licensed Content Author	Guoqing Pan,Qianping Guo,Yue Ma,Huilin Yang,Bin Li
Licensed Content Date	May 28, 2013
Licensed Content Pages	5
Type of use	Journal/Magazine
Requestor type	University/Academic
Is the reuse sponsored by or associated with a pharmaceutical or medical products company?	no
Format	Electronic
Portion	Figure/table
Number of figures/tables	1
Original Wiley figure/table number(s)	Scheme 1
Will you be translating?	No
Circulation	1
Title of new article	Reversible molecular adsorption based on multiple-point interaction by shrinkable gels
Publication the new article is in	MDPI
Publisher of new article	Polymers
Author of new article	Guoqing Pan
Expected publication date of new article	Dec 2015
Estimated size of new article (pages)	10

Figure S4. The license of reprinting figure from Reference 37. Copyright 2013, Wiley.



Photoisomerization dynamics of

stilbenes

Author: David H. Waldeck
Publication: Chemical Reviews

Date: May 1, 1991

Copyright © 1991, American Chemical Society

Publisher: American Chemical Society



PERMISSION/LICENSE IS GRANTED FOR YOUR ORDER AT NO CHARGE

This type of permission/license, instead of the standard Terms & Conditions, is sent to you because no fee is being charged for your order. Please note the following:

- · Permission is granted for your request in both print and electronic formats, and translations.
- If figures and/or tables were requested, they may be adapted or used in part.
- Please print this page for your records and send a copy of it to your publisher/graduate school.
- Appropriate credit for the requested material should be given as follows: "Reprinted (adapted) with permission from (COMPLETE REFERENCE CITATION). Copyright (YEAR) American Chemical Society." Insert appropriate information in place of the capitalized words.
- One-time permission is granted only for the use specified in your request. No additional
 uses are granted (such as derivative works or other editions). For any other uses, please
 submit a new request.

Figure S5. The license of reprinting figure from Reference 103. Copyright 2002, Royal Society of Chemistry.

License Number	3681030597038
License date	Aug 02, 2015
Licensed Content Publisher	John Wiley and Sons
Licensed Content Publication	Advanced Materials
Licensed Content Title	pH-Sensitive Water-Soluble Nanospheric Imprinted Hydrogels Prepared as Horseradish Peroxidase Mimetic Enzymes
Licensed Content Author	Zhiyong Chen,Li Xu,Yuan Liang,Meiping Zhao
Licensed Content Date	Dec 28, 2009
Licensed Content Pages	5
Type of use	Journal/Magazine
Requestor type	University/Academic
Is the reuse sponsored by or associated with a pharmaceutical or medical products company?	no
Format	Electronic
Portion	Figure/table
Number of figures/tables	1
Original Wiley figure/table number(s)	Figure 3
Will you be translating?	No
Circulation	1
Title of new article	Reversible molecular adsorption based on multiple-point interaction by shrinkable gels
Publication the new article is in	MDPI
Publisher of new article	Polymers
Author of new article	Guoqing Pan
Expected publication date of new article	Dec 2015
Estimated size of new	10

Figure S6. The license of reprinting figure from from Reference 64. Copyright 2010, Wiley.



Synthesis and Photoresponsive Properties of a Molecularly

Imprinted Polymer
Author: Christophe Gomy, Andreea R.

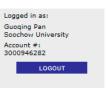
Schmitzer

Publication: Organic Letters

Publisher: American Chemical Society

Date: Sep 1, 2007

Copyright © 2007, American Chemical Society



PERMISSION/LICENSE IS GRANTED FOR YOUR ORDER AT NO CHARGE

This type of permission/license, instead of the standard Terms & Conditions, is sent to you because no fee is being charged for your order. Please note the following:

- · Permission is granted for your request in both print and electronic formats, and translations.
- If figures and/or tables were requested, they may be adapted or used in part.
- Please print this page for your records and send a copy of it to your publisher/graduate school.
- Appropriate credit for the requested material should be given as follows: "Reprinted (adapted) with permission from (COMPLETE REFERENCE CITATION). Copyright (YEAR) American Chemical Society." Insert appropriate information in place of the capitalized words.
- One-time permission is granted only for the use specified in your request. No additional
 uses are granted (such as derivative works or other editions). For any other uses, please
 submit a new request.

Figure S7. The license of reprinting figure from from 68. Copyright 2007, ACS.



S Title: Macromolecular Amplification of

Author:

Binding Response in Superaptamer Hydrogels Wei Bai, Nicholas A. Gariano,

David A. Spivak **Publication:** Journal of the American

Chemical Society **Publisher:** American Chemical Society

Date: May 1, 2013

Copyright © 2013, American Chemical Society



PERMISSION/LICENSE IS GRANTED FOR YOUR ORDER AT NO CHARGE

This type of permission/license, instead of the standard Terms & Conditions, is sent to you because no fee is being charged for your order. Please note the following:

- Permission is granted for your request in both print and electronic formats, and translations.
- If figures and/or tables were requested, they may be adapted or used in part.
- Please print this page for your records and send a copy of it to your publisher/graduate school
- Appropriate credit for the requested material should be given as follows: "Reprinted (adapted) with permission from (COMPLETE REFERENCE CITATION). Copyright (YEAR) American Chemical Society." Insert appropriate information in place of the capitalized words.
- One-time permission is granted only for the use specified in your request. No additional
 uses are granted (such as derivative works or other editions). For any other uses, please
 submit a new request.

Figure S8. The license of reprinting figure from Reference 86. Copyright 2013, ACS.

License Number	3681031224665
License date	Aug 02, 2015
Licensed Content Publisher	John Wiley and Sons
Licensed Content Publication	Advanced Materials
Licensed Content Title	Rational Design of Synthetic Nanoparticles with a Large Reversible Shift of Acid Dissociation Constants: Proton Imprinting in Stimuli Responsive Nanogel Particles
Licensed Content Author	Yu Hoshino,Ryohei C. Ohashi,Yoshiko Miura
Licensed Content Date	Mar 17, 2014
Licensed Content Pages	6
Type of use	Journal/Magazine
Requestor type	University/Academic
Is the reuse sponsored by or associated with a pharmaceutical or medical products company?	no
Format	Electronic
Portion	Figure/table
Number of figures/tables	1
Original Wiley figure/table number(s)	Scheme 1
Will you be translating?	No
Circulation	1
Title of new article	Reversible molecular adsorption based on multiple-point interaction by shrinkable gels
Publication the new article is in	MDPI
Publisher of new article	Polymers
Author of new article	Guoqing Pan
Expected publication	Dec 2015

Figure S9. The license of reprinting figure from Reference 89. Copyright 2014, Wiley.

© 2015 by the authors; licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution license (http://creativecommons.org/licenses/by/4.0/).