



License Agreement Amendment

This Amendment is dated the 22nd day of December, 2017 and will be effective upon execution by and between:

Battelle, Pacific Northwest Division, Operator of Pacific Northwest National Lab Pacific Northwest National Laboratory on behalf of the US Department of Energy ("DOE"),
902 Battelle Blvd.
Richland, WA 99354 ("Licensee"),

and

Springer Customer Service Center, LLC.
233 Spring Street
New York, NY 10013, USA ("Springer"),

License ID: 21826.002

Amendment to License Agreement ("Amendment") with License ID 21826, dated July 7th, 2016, between Springer Customer Service Center, LLC ("Springer") and Pacific Northwest National Laboratory on behalf of the US Department of Energy ("DOE") ("Licensee").

The main purpose of this Amendment is to update License ID 21826 in the following way(s):

- Incorporate Attachment 2
- Amendment to Specific Provisions: Journals Section 6 to include the attached list of titles;

Attachment 2

1. Participating Libraries listed in Attachment 1 to this License Agreement may add to or modify their Content through a purchase order under this License Agreement, so long as (i) the newly added or modified Content is already included in this License Agreement and (ii) the Participating Library acknowledges that the applicable Specific Provisions and all Springer Terms and Conditions found under this License Agreement apply to the purchase order and take precedence over any additional terms and conditions contained therein.

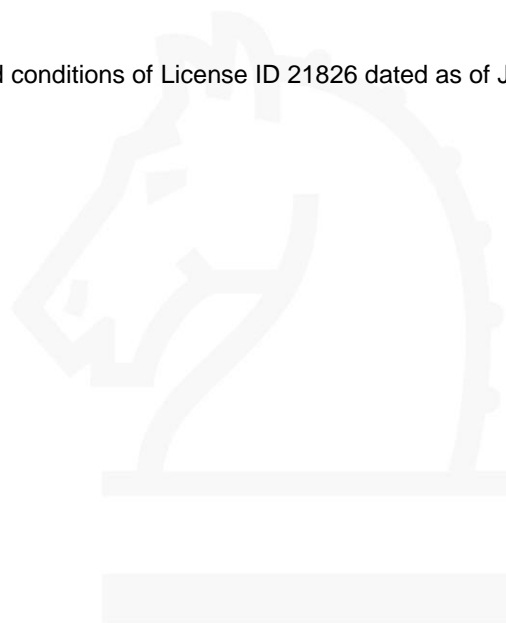


**Specific Provisions:
Journals**

6.

	Title No.	Title	ISSN electronic	Year
1.	12667	Energy Systems	1868-3975	2018
2.	12678	Electrocatalysis	1868-5994	2018
3.	12274	Nano Research	1998-0000	2018
4.	41061	Topics in Current Chemistry	2364-8961	2018
5.	13399	Biomass Conversion and Biorefinery	2190-6823	2018

All other terms and conditions of License ID 21826 dated as of July 7th, 2016 remain binding.





IN WITNESS WHEREOF, the parties have signed this Amendment by their respective, duly authorized representatives with effect of Licensee's beginning of access to the Content.

LICENSEE:

SPRINGER: Springer Customer Service Center, LLC

Signature: Doug Akers
Digitally signed by Doug Akers
 DN: cn=Doug Akers, o=Battelle,
 ou=Contracts,
 email=doug.akers@pnnl.gov, c=US
 Date: 2017.12.27 10:37:36 -0800

Name: _____

(Printed): Doug Akers

Title: Directorate Contracts Manager

Date: 12/27/2017

Signature: Syed Hasan
DocuSigned by:
 F609854BCB44E...

Name: _____

(Printed): Syed A. Hasan

Title: President
Global Sales

Date: 27 December 2017

Signature: Maria Lopes
DocuSigned by:
 88CA1FEDD0DA4E8...

Name: _____

(Printed): Maria Lopes

Title: VP Sales

Date: 27 December 2017