



**EIGHTY - EIGHTH AMENDMENT TO
ELSEVIER SUBSCRIPTION AGREEMENT**

WHEREAS, the parties hereto have previously entered into an agreement dated 9 April 2014, as last amended on 5 January 2017 (the "Agreement") and wish to amend the Agreement as set forth in this amendment ("Amendment").

NOW, THEREFORE, in consideration of the mutual promises and covenants set forth below, and for such other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree to amend the Agreement as of the execution date below as set forth on Schedule 1.

Except as specifically amended hereby, all of the existing terms and conditions of the Agreement are hereby ratified. Capitalized terms used herein that are not otherwise defined shall have the meanings ascribed to them in the Agreement. To the extent any terms or conditions of the Agreement conflict with or are inconsistent with this Amendment, the terms of this Amendment shall prevail.

IN WITNESS WHEREOF, the parties have executed this Amendment by their respective, duly authorized representatives as of 14 March 2017.

**THE REGENTS OF THE UNIVERSITY OF CALIFORNIA o/b/ THE CALIFORNIA
DIGITAL LIBRARY
(Subscriber)**

[Redacted Signature]

Title: Associate Executive Director

**ELSEVIER B.V.
(Elsevier)**

[Redacted Signature]

Name

Title: Executive Vice President Research Solution Sales

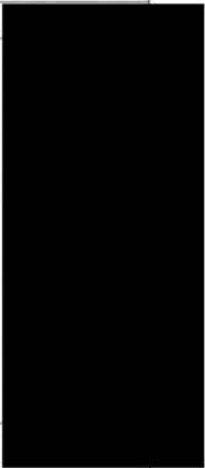
Amendment No.: 1-13248218322

Schedule 1
Subscribed Products/Access/Fees

The Subscribed Products and Fees identified below are in addition to those identified in the Agreement.

UNIVERSITY OF CALIFORNIA, BERKELEY

No. 1-13248218322

Subscribed Products – publisher	Access	2017 USD
ScienceDirect® online – Elsevier B.V.	sciencedirect.com	
Elsevier eBooks Titles		
Elsevier Reference Works (perpetual access)		
-Comprehensive Medicinal Chemistry III- 9780128032015		
-Comprehensive Biomaterials II-9780081006924		
-Comprehensive Composite Materials II- 9780081005347		
-Learning and Memory: A Comprehensive Reference (Second Edition)-9780128052914		
-Comprehensive Toxicology (Third Edition)- 9780081006122		
TOTAL FEES		

**Annex A to Schedule I
Elsevier eBooks Titles**

UNIVERSITY OF CALIFORNIA, BERKELEY

Product ID	ISBN	Elsevier eBooks Title
9780121257514	9780121257514	Acetylenes, Allenes and Cumulenes
9780444527837	9780444527837	Adsorption, Ion Exchange and Catalysis
9780080443744	9780080443744	Advanced Free Radical Reactions for Organic Synthesis
9780444720023	9780444720023	Advanced Inorganic Fluorides
9780123843579	9780123843579	Analytical Gas Chromatography
9780444530646	9780444530646	Atlas of Zeolite Framework Types
9780120918416	9780120918416	Atomic and Molecular Photoabsorption
9780124160255	9780124160255	Basic Equations of the Mass Transport through a Membrane Layer
9780444518118	9780444518118	Basic ¹ H- and ¹³ C-NMR Spectroscopy
9780444528377	9780444528377	Chemical Bonding at Surfaces and Interfaces
9780444516459	9780444516459	Chemical Energy and Exergy
9780080966595	9780080966595	Chemical Engineering Design
9780444521866	9780444521866	Chemical Kinetics
9780125309851	9780125309851	Chemical Thermodynamics: Advanced Applications
9780884153153	9780884153153	Chemistry of Petrochemical Processes
9780124001510	9780124001510	Chemistry Connections
9780444516695	9780444516695	Chiral Analysis
9780080445090	9780080445090	Concepts and Terminology in Organic Stereochemistry
9780125870733	9780125870733	Crystallography Made Crystal Clear
9780444720078	9780444720078	Electrochemical Reactions and Mechanisms in Organic Chemistry
9780444828064	9780444828064	Electrochemistry at Metal and Semiconductor Electrodes
9780444527929	9780444527929	Electrochemistry for Materials Science
9780444516565	9780444516565	Femtochemistry and Femtobiology
9780444521767	9780444521767	Functional Dyes
9780444527851	9780444527851	Fundamentals of Petroleum Refining
9780123736284	9780123736284	Gas Chromatography and Mass Spectrometry
9780857092403	9780857092403	Group Theory for Chemists
9780444519580	9780444519580	Handbook of Electrochemistry
9780080958439	9780080958439	Handbook of Heterocyclic Chemistry
9780750670128	9780750670128	Handbook of Industrial Crystallization
9780124160170	9780124160170	Handbook of Solid Phase Microextraction
9780444533630	9780444533630	Heterogeneous Catalysis
9780126516456	9780126516456	Heterogeneous Catalysis in Organic Chemistry
9780120846627	9780120846627	High Resolution NMR
9780123031907	9780123031907	Imidazole and Benzimidazole Synthesis
9780126838657	9780126838657	Inductively Coupled Plasma-Mass Spectrometry
9780123851482	9780123851482	Introduction to Practice of Molecular Simulation
9780122541056	9780122541056	Introductory Raman Spectroscopy
9780123869845	9780123869845	IR and Raman Spectroscopy
9780444511003	9780444511003	Lab-on-a-Chip
9780444517340	9780444517340	Laser-Induced Breakdown Spectroscopy

9780444531261	9780444531261	Membrane Distillation
9780444530578	9780444530578	Metal Nanoclusters in Catalysis and Materials Science: The Issue of Size Control
9780444527820	9780444527820	NMR Quantum Information Processing
9780123770455	9780123770455	Olefin Metathesis and Metathesis Polymerization
9780444521262	9780444521262	Optical Spectroscopy
9780815514015	9780815514015	Pesticide Synthesis Handbook
9780444894304	9780444894304	Physical Chemistry of Polymer Solutions
9781437744590	9781437744590	Polylactic Acid
9780444527790	9780444527790	Principles of Surface-Enhanced Raman Spectroscopy
9780123821614	9780123821614	Purification of Laboratory Chemicals
9780123877857	9780123877857	Rules of Thumb for Chemical Engineers
9780444100313	9780444100313	Spectroscopy of Polymers
9780444517197	9780444517197	Theory and Applications of Computational Chemistry
9780444531384	9780444531384	The Chemistry of Pincer Compounds
9780080442884	9780080442884	The Chemistry of Radical Polymerization
9780444519573	9780444519573	The Hydrogen Bond and the Water Molecule