FOURTH AMENDMENT TO ELSEVIER SUBSCRIPTION AGREEMENT

WHEREAS, the parties hereto have previously entered into an agreement dated the 17 March 2016, as last amended on 27 March 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 30 November 2018, as set forth below and in Schedules 1 and 2.

Section 5 Term

The term of the Agreement as mentioned in Section 5 of the Agreement is hereby extended and shall continue until 30th June 2019. Consortium acknowledges and agrees that no post termination access rights entitlements shall exist or be accumulated during this extended term.

IN WITNESS WHEREOF, the parties have executed this Amendment by their respective, duly authorized representatives as of 30 November 2018.

SURFMARKET B.V. (Consortium)



ELSEVIER B.V. (Elsevier)



Amendment No.: 1-16690065839 1-16690032364 1-16690073204 1-16690065847

Schedule 1 Subscribed Products/Access/Fees

SURFmarket B.V.

The below Fees are in addition to Schedule 1 of the Agreement.

Amendment No.: 1-16690065839 1-16690032364

Subscribed Products – publisher	Access	1st Jan 2019-30th June 2019
ScienceDirect® online – Elsevier B.V.	sciencedirect.com	
Complete Freedom Collection		
· Complete Freedom Collection Fee		€6,100,258.59
TOTAL FEES		€6,100,258.59

Annex A to Schedule 1 Subscribed Titles

SURFmarket B.V.

Amendment No.: 1-16690073204 1-16690065847

Product ID	ISSN	Subscribed Title (online only)
13351	1076-6332	Academic Radiology
13246	0002-9378	American Journal of Obstetrics & Gynecology
13310	0003-9993	Archives of Physical Medicine and Rehabilitation
13049	0749-8063	Arthroscopy: the Journal of Arthroscopy and Related Surgery
13342	1083-8791	Biology of Blood and Marrow Transplantation
07501	1538-4721	Brachytherapy
07647	0015-0282	Fertility and Sterility
13216	0016-5085	Gastroenterology
13360	1547-5271	Heart Rhythm
07551	0360-3016	International Journal of Radiation Oncology / Biology / Physics
13357	1546-1440	Journal of the American College of Radiology
13380	1525-8610	Journal of the American Medical Directors Association
07694	0886-3350	Journal of Cataract & Refractive Surgery
13136	0363-5023	Journal of Hand Surgery (American Volume)
13068	0278-2391	Journal of Oral and Maxillofacial Surgery
13088	0022-5223	Journal of Thoracic and Cardiovascular Surgery
13089	0741-5214	Journal of Vascular Surgery
07539	0958-3947	Medical Dosimetry
07585	0161-6420	Ophthalmology: Journal of the American Academy of
13367	1550-7289	Surgery for Obesity and Related Diseases
07587	0002-9343	The American Journal of Medicine
07610	0003-4975	The Annals of Thoracic Surgery
07583	1053-2498	The Journal of Heart and Lung Transplantation
13372	1553-4650	The Journal of Minimally Invasive Gynecology
07554	0301-5629	Ultrasound in Medicine and Biology

The Subscriber may not substitute any withdrawn Subscribed Title identified on Annex A of this agreement

Schedule 1.1 Subscribed Titles

The Pilot Gold Open Access terms on Schedule 1.1 are replaced and superseded by the below conditions:

Pilot Gold Open Access

The Authorized Users of the Institutions shall have the right during the period 1st January 2019 to June 30th to submit a total of **1,600** journal articles under the Pilot Gold Open Access for publication to Elsevier and, if accepted after peer review, at no additional cost. If selecting open access under the Pilot Gold Open Access the journal article shall be published under a CC-BY or CC-BYNC-ND license as determined by the submitting Authorized User.

The abovementioned amount of 1600 journal articles eligible for the Pilot Gold Open Access under the Agreement consists of:

- 1,300 unused journal articles
- 300 additional journal articles

The eligibility of the above articles for the Pilot Gold Open Access will expire on June 30th 2019, unless the Agreement is renewed in which case any unused amounts shall survive and remain active during the renewal term.

Submitting Authorized Users under the Pilot Gold Open Access shall not be required to transfer any copyright in their work to Elsevier, instead submitting Authorized Users grant exclusive rights to Elsevier in the journal article publishing process. The submitting Authorized Users shall have the same rights to reuse the published journal article as those allowed to third party users of the journal article under the selected CC license. The number of journals published by Elsevier which are available for the Pilot Gold Open Access are selected by Elsevier in agreement with the Subscriber and are based upon the domain and NL publishing behavior required to meet the respective quota as described above in Gold OpenAccess journal articles and attached in Schedule 1.2 of this Agreement. Elsevier shall on a monthly basis provide Subscriber a report of the total number of Gold Open Access journal articles published under this Agreement. Elsevier will make available on a semi-annual basis a complete report of all articles (open access and otherwise) published by Authorized Users. Elsevier will not levy article processing charges directly on Authorized Users of the Institutions in relation to the selected Journals under the Pilot Gold Open Access described herein. The aforementioned does not prejudice Elsevier's right to charge article processing charges from submitting Authorized Users to the extent these fall outside the scope of selected journals under the Pilot Gold Open Access. The Institutions shall ensure that Authorized Users who wish to submit article manuscripts shall identify themselves as being eligible in the course of Elsevier's publishing work-flow.

The parties may adjust the above identifying process where appropriate and amend this Agreement accordingly by means of an amendment in writing.

All Institutions will have access to the Elsevier Open Access Platform ("EOA Platform"), which allows such Institutions to validate the eligibility of the author and accept or reject payment of the APC. Validation of eligibility will be the responsibility of the Institution and invoices will be sent to authors at their Institution's address.

The EOA Platform will present the institutional representative with all information needed to validate the article publishing charges, such as the details of the corresponding author, a DOI, article title, journal title, research funding and the APC. When the Institution approves paying the APC, Elsevier will invoice the Institute.

Schedule 1.2 <u>Open Access Titles</u> The below list of open Access titles replaces and supersedes Schedule 2 of the Agreement.

		Publishing
Journal	ISSN	category
Acta Tropica	0001-706X	Hybrid OA
Actualités pharmaceutiques	0515-3700	Hybrid OA
Addictive Behaviors Reports	2352-8532	Full OA
Advanced Drug Delivery Reviews	0169-409X	Hybrid OA
Advances in Colloid and Interface Science	0001-8686	Hybrid OA
Advances in Water Resources	0309-1708	Hybrid OA
Agricultural and Forest Meteorology	0168-1923	Hybrid OA
Agricultural Systems	0308-521X	Hybrid OA
Agricultural Water Management	0378-3774	Hybrid OA
Agriculture, Ecosystems and Environment	0167-8809	Hybrid OA
Algal Research	2211-9264	Hybrid OA
American Heart Journal	0002-8703	Hybrid OA
American Journal of Cardiology	0002-9149	Hybrid OA
American Journal of Ophthalmology Case Reports	2451-9936	Full OA
Ampersand	2215-0390	Full OA
Anaerobe	1075-9964	Hybrid OA
Analytica Chimica Acta: X	2590-1346	Full OA
Analytical Biochemistry	0003-2697	Hybrid OA
Annales de cardiologie et d'angéiologie	0003-3928	Hybrid OA
Annals of Anatomy	0940-9602	Hybrid OA
Annals of Nuclear Energy	0306-4549	Hybrid OA
Antiviral Research	0166-3542	Hybrid OA
Applied Catalysis A: General	0926-860X	Hybrid OA
Applied Catalysis B: Environmental	0926-3373	Hybrid OA

Applied Energy	0306-2619	Hybrid OA
Applied Geosciences and Computers	2590-1974	Hybrid OA
Applied Thermal Engineering	1359-4311	Hybrid OA
Aquaculture Reports	2352-5134	Full OA
Archives of Biochemistry and Biophysics	0003-9861	Hybrid OA
Archives of Cardiovascular Diseases	1875-2136	Hybrid OA
Array	2590-0056	Full OA
Arthropod Structure & Development	1467-8039	Hybrid OA
Atencion Primaria	0212-6567	Full OA
Atención Primaria Práctica	2605-0730	Full OA
Atherosclerosis	0021-9150	Hybrid OA
Atherosclerosis: X	2590-1354	Full OA
Atmospheric Environment: X	2590-1621	Full OA
Autoimmunity Reviews	1568-9972	Hybrid OA
Autonomic Neuroscience: Basic and Clinical	1566-0702	Hybrid OA
Behavioural Brain Research	0166-4328	Hybrid OA
Bioactive Carbohydrates and Dietary Fibre	2212-6198	Hybrid OA
Biocatalysis and Agricultural Biotechnology	1878-8181	Hybrid OA
Biochemical and Biophysical Research Communications	0006-291X	Hybrid OA
Biochemical Pharmacology	0006-2952	Hybrid OA
Biochemistry and Biophysics Reports	2405-5808	Full OA
Biochimica et Biophysica Acta (BBA) - Bioenergetics	0005-2728	Hybrid OA
Biochimica et Biophysica Acta (BBA) - Biomembranes	0005-2736	Hybrid OA
Biochimica et Biophysica Acta (BBA) - General Subjects	0304-4165	Hybrid OA
Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids	1388-1981	, Hybrid OA
Biochimica et Biophysica Acta (BBA) - Molecular Basis of Disease	0925-4439	Hybrid OA
Biochimica et Biophysica Acta (BBA) - Molecular Cell Research	0167-4889	Hybrid OA
Biochimica et Biophysica Acta (BBA) - Proteins and Proteomics	1570-9639	Hybrid OA
Biochimica et Biophysica Acta (BBA) - Reviews on Cancer	0304-419X	Hybrid OA
Biofilm	2590-2075	Full OA
Biological Control	1049-9644	Hybrid OA
Biomass and Bioenergy	0961-9534	Hybrid OA
Biomedicine & Pharmacotherapy	0753-3322	Full OA
Biomolecular Detection and Quantification	2214-7535	Full OA
Bioorganic and Medicinal Chemistry	0968-0896	Hybrid OA
Bioorganic and Medicinal Chemistry Letters	0960-894X	Hybrid OA
Biophysical Chemistry	0301-4622	Hybrid OA
Bioresource Technology	0960-8524	Hybrid OA
Biosensors and Bioelectronics: X	2590-1370	Full OA
BioSystems	0303-2647	Hybrid OA

Biotechnology Reports	2215-017X	Full OA
Blood Cells, Molecules, and Diseases	1079-9796	Hybrid OA
Bone Reports	2352-1872	Full OA
Brain and Cognition	0278-2626	Hybrid OA
Brain and Language	0093-934X	Hybrid OA
Brain Research	0006-8993	Hybrid OA
Brain Research Bulletin	0361-9230	Hybrid OA
Brain Stimulation	1935-861X	, Hybrid OA
Brain, Behavior, and Immunity	0889-1591	, Hybrid OA
Building and Environment	0360-1323	, Hybrid OA
Cancer Epidemiology	1877-7821	Hybrid OA
Cancer Genetics	2210-7762	Hybrid OA
Cancer Letters	0304-3835	Hybrid OA
Cancer Treatment Reviews	0305-7372	, Hybrid OA
Carbohydrate Polymers	0144-8617	Hybrid OA
Carbohydrate Research	0008-6215	Hybrid OA
Carbon	0008-6223	Hybrid OA
Cardiovascular Pathology	1054-8807	Hybrid OA
Cardiovascular Revascularization Medicine	1553-8389	Hybrid OA
Case Reports in Women's Health	2214-9112	Full OA
Case Studies in Construction Materials	2214-5095	Full OA
Case Studies in Thermal Engineering	2214-157X	Full OA
Catalysis Today	0920-5861	Hybrid OA
Cell Calcium	0143-4160	Hybrid OA
Cellular Immunology	0008-8749	Hybrid OA
Cellular Signalling	0898-6568	Hybrid OA
Chaos, Solitons & Fractals: X	2590-0544	Full OA
Chemical Engineering and Processing	0255-2701	Hybrid OA
Chemical Engineering Journal	1385-8947	Hybrid OA
Chemical Engineering Science: X	2590-1400	Full OA
Chemical Physics	0301-0104	Hybrid OA
Chemical Physics Letters: X	2590-1419	Full OA
Chemico-Biological Interactions	0009-2797	Hybrid OA
Chemistry and Physics of Lipids	0009-3084	Hybrid OA
Chemometrics and Intelligent Laboratory Systems	0169-7439	Hybrid OA
Chemosphere	0045-6535	Hybrid OA
Climate Risk Management	2212-0963	Full OA
Climate Services	2405-8807	Full OA
Clinical Breast Cancer	1526-8209	Hybrid OA
Clinical Colorectal Cancer	1533-0028	Hybrid OA
Clinical Genitourinary Cancer	1558-7673	Hybrid OA

Clinical Immunology	1521-6616	Hybrid OA
Clinical Lung Cancer	1525-7304	Hybrid OA
Clinical Microbiology Newsletter	0196-4399	Hybrid OA
Clinical Neurology and Neurosurgery	0303-8467	Hybrid OA
Clinical Therapeutics	0149-2918	Hybrid OA
Colloids and Surfaces A: Physicochemical and Engineering Aspects	0927-7757	Hybrid OA
Colloids and Surfaces B: Biointerfaces	0927-7765	Hybrid OA
Comparative Biochemistry and Physiology Part D: Genomics and Proteomics	1744-117X	Hybrid OA
Comparative Immunology, Microbiology and Infectious Diseases	0147-9571	Hybrid OA
Computational and Theoretical Chemistry	2210-271X	Hybrid OA
Computers and Electronics in Agriculture	0168-1699	Hybrid OA
Computers and Graphics: X	2590-1486	Full OA
Contemporary Clinical Trials Communications	2451-8654	Full OA
Coordination Chemistry Reviews	0010-8545	Hybrid OA
Critical Reviews in Oncology/Hematology	1040-8428	Hybrid OA
Crop Protection	0261-2194	Hybrid OA
Current Opinion in Behavioral Sciences	2352-1546	Hybrid OA
Current Opinion in Food Science	2214-7993	Hybrid OA
Current Opinion in Immunology	0952-7915	Hybrid OA
Current Opinion in Microbiology	1369-5274	Hybrid OA
Current Opinion in Neurobiology	0959-4388	Hybrid OA
Current Opinion in Pharmacology	1471-4892	Hybrid OA
Current Opinion in Structural Biology	0959-440X	Hybrid OA
Current Opinion in Virology	1879-6257	Hybrid OA
Current Plant Biology	2214-6628	Full OA
Current Problems in Cancer	0147-0272	Hybrid OA
Current Problems in Cardiology	0146-2806	Hybrid OA
Current Therapeutic Research	0011-393X	Full OA
Currents in Pharmacy Teaching and Learning	1877-1297	Hybrid OA
Cytokine and Growth Factor Reviews	1359-6101	Hybrid OA
Cytokine: X	2590-1532	Full OA
Data in Brief	2352-3409	Full OA
Desalination	0011-9164	Hybrid OA
Development Engineering	2352-7285	Full OA
Developmental and Comparative Immunology	0145-305X	Hybrid OA
Developmental Biology	0012-1606	Hybrid OA
Developmental Cognitive Neuroscience	1878-9293	Full OA
Diabetes & Metabolism: X	2590-1540	Full OA
Diagnostic Microbiology and Infectious Disease	0732-8893	Hybrid OA
Diamond and Related Materials	0925-9635	Hybrid OA

Disability and Health Journal	1936-6574	Hybrid OA
DNA Repair	1568-7864	Hybrid OA
Drug and Alcohol Dependence	0376-8716	Hybrid OA
Drug Discovery Today	1359-6446	Hybrid OA
Drug Discovery Today: Disease Models	1740-6757	Hybrid OA
Drug Discovery Today: Technologies	1740-6749	Hybrid OA
Dyes and Pigments	0143-7208	Hybrid OA
Earth System Governance	2589-8116	Full OA
Ecotoxicology and Environmental Safety	0147-6513	Hybrid OA
EJC Supplements	1359-6349	Full OA
Electric Power Systems Research	0378-7796	Hybrid OA
Electrochemistry Communications	1388-2481	Full OA
Electrochimica Acta	0013-4686	Hybrid OA
Energy	0360-5442	Hybrid OA
Energy and Buildings	0378-7788	Hybrid OA
Energy Conversion and Management: X	2590-1745	Full OA
Energy Economics	0140-9883	Hybrid OA
Energy Policy	0301-4215	Hybrid OA
Energy Reports	2352-4847	Full OA
Energy Research & Social Science	2214-6296	Hybrid OA
Energy Strategy Reviews	2211-467X	Full OA
eNeurologicalSci	2405-6502	Full OA
Environmental and Experimental Botany	0098-8472	Hybrid OA
Environmental Innovation and Societal Transitions	2210-4224	Hybrid OA
Environmental Science and Policy	1462-9011	Hybrid OA
Environmental Toxicology and Pharmacology	1382-6689	Hybrid OA
Epidemics	1755-4365	Full OA
Epilepsy & Behavior Case Reports	2213-3232	Full OA
Epilepsy and Behavior	1525-5050	Hybrid OA
European Journal of Agronomy	1161-0301	Hybrid OA
European Journal of Cell Biology	0171-9335	Hybrid OA
European Journal of Integrative Medicine	1876-3820	Hybrid OA
European Journal of Obstetrics & Gynecology and Reproductive Biology: X	2590-1613	Full OA
European Journal of Oncology Nursing	1462-3889	Hybrid OA
European Journal of Pharmaceutical Sciences	0928-0987	Hybrid OA
European Journal of Pharmaceutics and Biopharmaceutics	0939-6411	Hybrid OA
European Journal of Pharmacology	0014-2999	Hybrid OA
European Journal of Protistology	0932-4739	Hybrid OA
European Journal of Radiology Open	2352-0477	Full OA
European Polymer Journal	0014-3057	Hybrid OA

Evaluation and Program Planning	0149-7189	Hybrid OA
Experimental Neurology	0014-4886	Hybrid OA
Experimental Parasitology	0014-4894	Hybrid OA
Field Crops Research	0378-4290	Hybrid OA
Fish and Shellfish Immunology	1050-4648	Hybrid OA
Fitoterapia	0367-326X	Hybrid OA
Food and Chemical Toxicology	0278-6915	Hybrid OA
Food and Chemical Toxicology	2212-4292	Hybrid OA
Food Chemistry	0308-8146	Hybrid OA
		Full OA
Food Chemistry: X	2590-1575	
Food Control	0956-7135	Hybrid OA
Food Hydrocolloids	0268-005X	Hybrid OA
Food Microbiology	0740-0020	Hybrid OA
Food Packaging and Shelf Life	2214-2894	Hybrid OA
Food Policy	0306-9192	Hybrid OA
Food Quality and Preference	0950-3293	Hybrid OA
Food Research International	0963-9969	Hybrid OA
Food Structure	2213-3291	Hybrid OA
Forensic Science International: Synergy	2589-871X	Full OA
Free Radical Biology and Medicine	0891-5849	Hybrid OA
Frontiers in Neuroendocrinology	0091-3022	Hybrid OA
Fuel	0016-2361	Hybrid OA
Fuel Processing Technology	0378-3820	Hybrid OA
Fungal Genetics and Biology	1087-1845	Hybrid OA
Fusion Engineering and Design	0920-3796	Hybrid OA
GENE: X	2590-1583	Full OA
Genomics	0888-7543	Hybrid OA
Geothermics	0375-6505	Hybrid OA
Global Ecology and Conservation	2351-9894	Full OA
Global Epidemiology	2590-1133	Full OA
Global Food Security	2211-9124	Hybrid OA
Gynecologic Oncology Reports	2352-5789	Full OA
HardwareX	2468-0672	Full OA
Health and Place	1353-8292	Hybrid OA
Heart and Lung: Journal of Acute and Critical Care	0147-9563	Hybrid OA
Heliyon	2405-8440	Full OA
Human Microbiome Journal	2452-2317	Full OA
Human Pathology: Case Reports	2214-3300	Full OA
Hydrometallurgy	0304-386X	Hybrid OA
IDCases	2214-2509	Full OA
IJC Heart & Vasculature	2352-9067	Full OA

Immunobiology	0171-2985	Hybrid OA
Industrial Crops and Products	0926-6690	Hybrid OA
Infection, Genetics and Evolution	1567-1348	Hybrid OA
Informatics in Medicine Unlocked	2352-9148	Full OA
Innovative Food Science and Emerging Technologies	1466-8564	Hybrid OA
Inorganica Chimica Acta	0020-1693	Hybrid OA
Interdisciplinary Neurosurgery: Advanced Techniques and Case		
Management	2214-7519	Full OA
Intermetallics	0966-9795	Hybrid OA
International Biodeterioration and Biodegradation	0964-8305	Hybrid OA
International Dairy Journal	0958-6946	Hybrid OA
International Immunopharmacology	1567-5769	Hybrid OA
International Journal of Africa Nursing Sciences	2214-1391	Full OA
International Journal of Biological Macromolecules	0141-8130	Hybrid OA
International Journal of Cardiology	0167-5273	Hybrid OA
International Journal of Cardiology Hypertension	2590-0862	Full OA
International Journal of Coal Geology	0166-5162	Hybrid OA
International Journal of Drug Policy	0955-3959	Hybrid OA
International Journal of Electrical Power and Energy Systems	0142-0615	Hybrid OA
International Journal of Food Microbiology	0168-1605	Hybrid OA
International Journal of Heat and Mass Transfer	0017-9310	Hybrid OA
International Journal of Hygiene and Environmental Health	1438-4639	Hybrid OA
International Journal of Medical Microbiology	1438-4221	Hybrid OA
International Journal of Pharmaceutics: X	2590-1567	Full OA
International Journal of Surgery Protocols	2468-3574	Full OA
Internet Interventions	2214-7829	Full OA
Journal of Analytical and Applied Pyrolysis	0165-2370	Hybrid OA
Journal of Asian Earth Sciences: X	2590-0560	Full OA
Journal of Autoimmunity	0896-8411	Hybrid OA
Journal of Biomedical Informatics: X	2590-177X	Full OA
Journal of Biotechnology	0168-1656	Hybrid OA
Journal of Bone Oncology	2212-1374	Full OA
Journal of Cardiac Failure	1071-9164	Hybrid OA
Journal of Cardiothoracic and Vascular Anesthesia	1053-0770	Hybrid OA
Journal of Catalysis	0021-9517	Hybrid OA
Journal of Cereal Science	0733-5210	Hybrid OA
Journal of Chemical Neuroanatomy	0891-0618	Hybrid OA
Journal of Chemical Thermodynamics	0021-9614	Hybrid OA
Journal of Chromatography A	0021-9673	Hybrid OA
Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	1570-0232	Hybrid OA

Journal of Clinical & Translational Endocrinology	2214-6237	Full OA
Journal of Clinical and Translational Endocrinology: Case Reports	2214-6245	Full OA
Journal of Clinical Neuroscience	0967-5868	Hybrid OA
Journal of Clinical Tuberculosis and Other Mycobacterial Diseases	2405-5794	, Full OA
Journal of Clinical Virology	1386-6532	Hybrid OA
Journal of CO2 Utilization	2212-9820	Hybrid OA
Journal of Computational Physics: X	2590-0552	Full OA
Journal of Contaminant Hydrology	0169-7722	Hybrid OA
Journal of Controlled Release	0168-3659	Hybrid OA
Journal of Dentistry: X	2589-7004	Full OA
Journal of Electroanalytical Chemistry	0368-1874	Hybrid OA
Journal of Electrocardiology	0022-0736	Hybrid OA
Journal of Electron Spectroscopy and Related Phenomena	0368-2048	Hybrid OA
Journal of Environmental Chemical Engineering	2213-3437	Hybrid OA
Journal of Ethnopharmacology	0378-8741	Hybrid OA
Journal of Fluorine Chemistry	0022-1139	Hybrid OA
Journal of Food Composition and Analysis	0889-1575	Hybrid OA
Journal of Food Engineering	0260-8774	Hybrid OA
Journal of Functional Foods	1756-4646	Hybrid OA
Journal of Geriatric Oncology	1879-4068	Hybrid OA
Journal of Health Economics	0167-6296	Hybrid OA
Journal of Herbal Medicine	2210-8033	Hybrid OA
Journal of Hydrology	0022-1694	Hybrid OA
Journal of Hydrology X	2589-9155	Full OA
Journal of Hydrology: Regional Studies	2214-5818	Full OA
Journal of Immunological Methods	0022-1759	Hybrid OA
Journal of Invertebrate Pathology	0022-2011	Hybrid OA
Journal of Magnetic Resonance	1090-7807	Hybrid OA
Journal of Microbiological Methods	0167-7012	Hybrid OA
Journal of Molecular and Cellular Cardiology	0022-2828	Hybrid OA
Journal of Molecular Biology	0022-2836	Hybrid OA
Journal of Molecular Structure	0022-2860	Hybrid OA
Journal of Natural Gas Science and Engineering	1875-5100	Hybrid OA
Journal of Neuroimmunology	0165-5728	Hybrid OA
Journal of Neurolinguistics	0911-6044	Hybrid OA
Journal of Neuroscience Methods	0165-0270	Hybrid OA
Journal of Non-Crystalline Solids: X	2590-1591	Full OA
Journal of Non-Newtonian Fluid Mechanics	0377-0257	Hybrid OA
Journal of Nuclear Materials	0022-3115	Hybrid OA
Journal of Nutrition & Intermediary Metabolism	2352-3859	Full OA
Journal of Organometallic Chemistry	0022-328X	Hybrid OA

Journal of Pediatric Surgery Case Reports	2213-5766	Full OA
Journal of Petroleum Science and Engineering	0920-4105	Hybrid OA
Journal of Pharmacological and Toxicological Methods	1056-8719	Hybrid OA
Journal of Photochemistry & Photobiology, A: Chemistry	1010-6030	Hybrid OA
Journal of Photochemistry and Photobiology B: Biology	1011-1344	Hybrid OA
Journal of Plant Physiology	0176-1617	Hybrid OA
Journal of Power Sources	0378-7753	Hybrid OA
Journal of Proteomics	1874-3919	Hybrid OA
Journal of Reproductive Immunology	0165-0378	Hybrid OA
Journal of Stored Products Research	0022-474X	Hybrid OA
Journal of Structural Biology	1047-8477	Hybrid OA
Journal of Thermal Biology	0306-4565	Hybrid OA
Journal of Translational Autoimmunity	2589-9090	Full OA
Journal of Virological Methods	0166-0934	Hybrid OA
Journal of Water Process Engineering	2214-7144	Hybrid OA
Journal of Wind Engineering and Industrial Aerodynamics	0167-6105	Hybrid OA
Krankenhaus-Hygiene + Infektionsverhutung	0720-3373	Hybrid OA
Leukemia Research	0145-2126	Hybrid OA
Leukemia Research Reports	2213-0489	Full OA
Life Sciences	0024-3205	Hybrid OA
Lung Cancer	0169-5002	Hybrid OA
LWT - Food Science and Technology	0023-6438	Hybrid OA
Marine Chemistry	0304-4203	Hybrid OA
Materials Letters: X	2590-1508	Full OA
Materials Today Advances	2590-0498	Full OA
Materials Today Bio	2590-0064	Full OA
Matrix Biology Plus	2590-0285	Full OA
Meat Science	0309-1740	Hybrid OA
Mechanisms of Development	0925-4773	Hybrid OA
Medical Hypotheses	0306-9877	Hybrid OA
Medicina Clínica Práctica	2603-9249	Full OA
Medicine in Drug Discovery	2590-0986	Full OA
Medicine in Microecology	2590-0978	Full OA
Medicine in Novel Technology and Devices	2590-0935	Full OA
Medicine in Omics	2590-1249	Full OA
Mental Health & Prevention	2212-6570	Hybrid OA
Metabolic Engineering Communications	2214-0301	Full OA
Metabolism Open	2589-9368	Full OA
Methods	1046-2023	Hybrid OA
MethodsX	2215-0161	Full OA
Micro and Nano Engineering	2590-0072	Full OA

Microbial Pathogenesis	0882-4010	Hybrid OA
Microbiological Research	0944-5013	, Hybrid OA
Micron	0968-4328	Hybrid OA
Microvascular Research	0026-2862	, Hybrid OA
Molecular and Biochemical Parasitology	0166-6851	, Hybrid OA
Molecular and Cellular Endocrinology	0303-7207	, Hybrid OA
Molecular and Cellular Neuroscience	1044-7431	Hybrid OA
Molecular and Cellular Probes	0890-8508	Hybrid OA
Molecular Catalysis	2468-8231	Hybrid OA
Molecular Data Science	2590-0633	Full OA
Molecular Genetics and Metabolism Reports	2214-4269	Full OA
Molecular Immunology	0161-5890	Hybrid OA
Molecular Metabolism	2212-8778	Full OA
Molecular Phylogenetics and Evolution	1055-7903	Hybrid OA
Mutation Research - Fundamental and Molecular Mechanisms of		
Mutagenesis	1386-1964	Hybrid OA
Mutation Research - Genetic Toxicology and Environmental		
Mutagenesis	1383-5718	Hybrid OA
Nano Energy	2211-2855	Hybrid OA
Nanomedicine: Nanotechnology, Biology, and Medicine	1549-9634	Hybrid OA
Neural Networks	0893-6080	Hybrid OA
Neurobiology of Aging	0197-4580	Hybrid OA
Neurobiology of Aging Science	2589-9589	Full OA
Neurobiology of Disease	0969-9961	Hybrid OA
Neurobiology of Learning and Memory	1074-7427	Hybrid OA
Neurobiology of Pain	2452-073X	Full OA
Neurobiology of Sleep and Circadian Rhythms	2451-9944	Full OA
Neurobiology of Stress	2352-2895	Full OA
Neurochemistry International	0197-0186	Hybrid OA
Neurocomputing	0925-2312	Hybrid OA
NeuroImage	1053-8119	Hybrid OA
NeuroImage: Clinical	2213-1582	Full OA
NeuroImage: Clinical	2213-1582	Full OA
Neurologia i Neurochirurgia Polska	0028-3843	Hybrid OA
Neurology, Psychiatry and Brain Research	0941-9500	Hybrid OA
Neuromuscular Disorders	0960-8966	Hybrid OA
Neuropeptides	0143-4179	Hybrid OA
Neuropharmacology	0028-3908	Hybrid OA
Neurophysiologie-Labor	1439-4847	Hybrid OA
Neuropsychologia	0028-3932	Hybrid OA
Neuroscience and Biobehavioral Reviews	0149-7634	Hybrid OA

Neuroscience Letters	0304-3940	Hybrid OA
Neuroscience Research	0168-0102	Hybrid OA
NeuroToxicology	0161-813X	Hybrid OA
Neurotoxicology and Teratology	0892-0362	Hybrid OA
New Microbes and New Infections	2052-2975	Full OA
Nitric Oxide	1089-8603	Hybrid OA
Nuclear Engineering and Design	0029-5493	, Hybrid OA
Nuclear Materials and Energy	2352-1791	, Full OA
Nuclear Medicine and Biology	0969-8051	Hybrid OA
NursingPlus Open	2352-9008	Full OA
One Health	2352-7714	Full OA
Operations Research Perspectives	2214-7160	Full OA
Optical Materials: X	2590-1478	Full OA
Oral and Maxillofacial Surgery Cases	2214-5419	Full OA
Oral Oncology	1368-8375	Hybrid OA
Organic Geochemistry	0146-6380	Hybrid OA
Otolaryngology Case Reports	2468-5488	Full OA
Papillomavirus Research	2405-8521	Full OA
Parasitology International	1383-5769	Hybrid OA
Pediatric Neurology	0887-8994	Hybrid OA
Performance Enhancement & Health	2211-2669	Hybrid OA
Pesticide Biochemistry and Physiology	0048-3575	Hybrid OA
Pharmacological Research	1043-6618	Hybrid OA
Pharmacology and Therapeutics	0163-7258	Hybrid OA
Pharmacology, Biochemistry and Behavior	0091-3057	Hybrid OA
PharmaNutrition	2213-4344	Hybrid OA
Photoacoustics	2213-5979	Full OA
Physics in Medicine	2352-4510	Full OA
Phytomedicine	0944-7113	Hybrid OA
Placenta	0143-4004	Hybrid OA
Plant Science	0168-9452	Hybrid OA
Polyhedron	0277-5387	Hybrid OA
Postharvest Biology and Technology	0925-5214	Hybrid OA
Powder Technology	0032-5910	Hybrid OA
Practical Laboratory Medicine	2352-5517	Full OA
Preventive Medicine	0091-7435	Hybrid OA
Preventive Medicine Reports	2211-3355	Full OA
Progress in Biophysics and Molecular Biology	0079-6107	Hybrid OA
Progress in Cardiovascular Diseases	0033-0620	Hybrid OA
Progress in Disaster Science	2590-0617	Full OA
Progress in Energy and Combustion Science	0360-1285	Hybrid OA

Progress in Lipid Research	0163-7827	Hybrid OA
Progress in Neurobiology	0301-0082	Hybrid OA
Progress in Neuro-Psychopharmacology and Biological Psychiatry	0278-5846	Hybrid OA
Progress in Nuclear Energy	0149-1970	Hybrid OA
Progress in Organic Coatings	0300-9440	Hybrid OA
Progress in Pediatric Cardiology	1058-9813	Hybrid OA
Progress in Polymer Science	0079-6700	Hybrid OA
Progress in Surface Science	0079-6816	Hybrid OA
Protein Expression and Purification	1046-5928	Hybrid OA
Psychiatry Research - Neuroimaging	0925-4927	Hybrid OA
Psychoneuroendocrinology	0306-4530	Hybrid OA
Pulmonary Pharmacology and Therapeutics	1094-5539	Hybrid OA
Redox Biology	2213-2317	Full OA
Regulatory Toxicology and Pharmacology	0273-2300	Hybrid OA
Renewable and Sustainable Energy Reviews	1364-0321	Hybrid OA
Renewable Energy	0960-1481	Hybrid OA
Reproductive Biomedicine & Society Online	2405-6618	Full OA
Reproductive Toxicology	0890-6238	Hybrid OA
Research in Globalization	2590-051X	Full OA
Research in Social and Administrative Pharmacy	1551-7411	Hybrid OA
Resources and Energy Economics	0928-7655	Hybrid OA
Resources Policy	0301-4207	Hybrid OA
Resources, Conservation and Recycling	0921-3449	Hybrid OA
Respiratory Medicine Case Reports	2213-0071	Full OA
Respiratory Medicine: X	2590-1435	Full OA
Respiratory Physiology and Neurobiology	1569-9048	Hybrid OA
Results in Applied Mathematics	2590-0374	Full OA
Results in Chemistry	2211-7156	Full OA
Results in Engineering	2590-1230	Full OA
Results in Materials	2590-048X	Full OA
Results in Physics	2211-3797	Full OA
Resuscitation	0300-9572	Hybrid OA
Reviews in Physics	2405-4283	Full OA
Schizophrenia Research: Cognition	2215-0013	Full OA
Seminars in Cancer Biology	1044-579X	Hybrid OA
Seminars in Immunology	1044-5323	Hybrid OA
Seminars in Oncology Nursing	0749-2081	Hybrid OA
Seminars in Pediatric Neurology	1071-9091	Hybrid OA
Seminars in Radiation Oncology	1053-4296	Hybrid OA
Seminars in Thoracic and Cardiovascular Surgery	1043-0679	Hybrid OA

Seminars in Thoracic and Cardiovascular Surgery: Pediatric Cardiac		
Surgery Annual	1092-9126	Hybrid OA
Seminars in Vascular Surgery	0895-7967	Hybrid OA
Sensing and Bio-Sensing Research	2214-1804	Full OA
Separation and Purification Technology	1383-5866	Hybrid OA
Sleep Medicine: X	2590-1427	Full OA
SoftwareX	2352-7110	Full OA
Solar Energy Materials and Solar Cells	0927-0248	Hybrid OA
Spectrochimica Acta, Part B: Atomic Spectroscopy	0584-8547	Hybrid OA
SSM - Population Health	2352-8273	Full OA
Stem Cell Research	1873-5061	Full OA
Surgery Open Science	2589-8450	Full OA
Surgical Oncology	0960-7404	Hybrid OA
Sustainable Energy Technologies and Assessments	2213-1388	Hybrid OA
Synergy	2213-7130	Hybrid OA
Synthetic Metals	0379-6779	Hybrid OA
Systematic and Applied Microbiology	0723-2020	Hybrid OA
Talanta	0039-9140	Hybrid OA
Techniques in Vascular and Interventional Radiology	1089-2516	Hybrid OA
Tetrahedron	0040-4020	Hybrid OA
Tetrahedron Letters	0040-4039	Hybrid OA
The Electricity Journal	1040-6190	Hybrid OA
The International Journal of Biochemistry & Cell Biology	1357-2725	Hybrid OA
The Journal of Pediatrics: X	2590-0420	Full OA
The Journal of Steroid Biochemistry and Molecular Biology	0960-0760	Hybrid OA
Thermochimica Acta	0040-6031	Hybrid OA
Ticks and Tick-borne Diseases	1877-959X	Hybrid OA
Toxicology	0300-483X	Hybrid OA
Toxicology and Applied Pharmacology	0041-008X	Hybrid OA
Toxicology in Vitro	0887-2333	Hybrid OA
Toxicology Letters	0378-4274	Hybrid OA
Toxicology Reports	2214-7500	Full OA
Toxicon	0041-0101	Hybrid OA
Translational Research	1931-5244	Hybrid OA
Translational Research in Anatomy	2214-854X	Full OA
Transplant Immunology	0966-3274	Hybrid OA
Transplantation Reports	2451-9596	Full OA
Transportation Research Interdisciplinary Perspectives	2590-1982	Full OA
Trauma Case Reports	2352-6440	Full OA
Travel Medicine and Infectious Disease	1477-8939	Hybrid OA
Trends in Cardiovascular Medicine	1050-1738	Hybrid OA

Trends in Environmental Analytical Chemistry	2214-1588	Hybrid OA
Trends in Food Science and Technology	0924-2244	Hybrid OA
Tuberculosis	1472-9792	Hybrid OA
Urban Climate	2212-0955	Hybrid OA
Urology Case Reports	2214-4420	Full OA
Urology Video Journal	2590-0897	Full OA
Utilities Policy	0957-1787	Hybrid OA
Vaccine	0264-410X	Hybrid OA
Vaccine: X	2590-1362	Full OA
Veterinary and Animal Science	2451-943X	Full OA
Veterinary Immunology and Immunopathology	0165-2427	Hybrid OA
Veterinary Microbiology	0378-1135	Hybrid OA
Veterinary Parasitology: X	2590-1389	Full OA
Virology	0042-6822	Hybrid OA
Virus Research	0168-1702	Hybrid OA
Water Research	0043-1354	Hybrid OA
Water Research X	2589-9147	Full OA
Water Resources and Economics	2212-4284	Hybrid OA
Water Resources and Industry	2212-3717	Full OA
Weather and Climate Extremes	2212-0947	Full OA
World Neurosurgery	1878-8750	Hybrid OA

Additional Gold Open Access Titles

An additional list of Gold Open Access Titles eligible for the Gold Open Access Pilot is included in this Schedule, consisting of Elsevier's fully gold journals, agreed society owned journal titles and Mirror Journals. "Mirror Journals" shall mean electronic journals that share the same scope, editorial board and publishing processes as a subscribed to, or hybrid journal but operates under an open access business model. Elsevier reserves the right to add additional journals to the Subscribed Products on an ongoing basis.