

ANNEXURE**Transformative Agreement 2024**

The parties agree that IOP Publishing Limited's standard terms and conditions, version dated 1 October 2023, are part of the licence between them for access to the Publications in the Annexure whilst also enabling the publication of articles on a gold open access basis, as defined in Schedule 1, in the journals listed in Schedule 2 (the "Included Journals"), together with this Annexure (together the "Licence").

The Licence is governed by and construed in accordance with the laws of England and the parties submit to the exclusive jurisdiction of the English Courts. The Customer shall not be bound by this paragraph to the extent that compliance would violate any existing law, regulation, by-laws or articles of incorporation or other governing instrument.

The parties agree to the following change to IOP's standard terms and conditions:

Standard term 21 shall be changed to: "IOP will notify the Customer, in writing and in advance, with details of the fees payable for subsequent years. The parties agree that the fees for the initial term, which is set out in the Annexure, are fixed. For the avoidance of doubt, where IOP acquires or launches a new publication(s), such publication shall be added to the Publications and/or the Included Journals and no additional fee shall be payable by the Customer. In addition, where IOP withdraws a publication(s) from the Publications and/or the Included Journals, the Customer shall not be entitled to a reduction in the fees".

The details of the Customer are as follows:

Name of the Customer

University of Barcelona

Address of the Customer

Gran Via de les Corts Catalanes, 585
08007 BARCELONA – SPAIN

Initial Term of the Licence

1 January 2024 to 31 December 2026

Fees

The total fee (excluding any taxes) payable by the Customer under the Licence shall be as follows:

	Read Fee	Publish Fee	Total Fee:
1 January 2024 – 31 December 2024	GBP 28,471.00	GBP 48,180.00	GBP 76,651.00
1 January 2025 – 31 December 2025	GBP 22,681.00	GBP 55,503.00	GBP 78,184.00
1 January 2026 – 31 December 2026	GBP 16,310.00	GBP 63,438.00	GBP 79,748.00

The Publications

The Publications included in the Licence in 2024 are as follows:

Titles	E-ISSN	Start year	End Year
2D Materials	2053-1583	2014	2024

Advances in Natural Sciences: Nanoscience and Nanotechnology	2043-6262	2019	2024
Applied Physics Express	1882-0786	2008	2023
Biofabrication	1758-5090	2009	2024
Bioinspiration and Biomimetics	1748-3190	2006	2024
Biomedical Materials	1748-605X	2006	2024
Biomedical Physics & Engineering Express	2057-1976	2015	2024
Chinese Physics B Formerly: Chinese Physics Formerly: Acta Physica Sinica (Overseas Edition)	2058-3834 1741-4199 -	2008 2000 1992	2024 2007 1999
Chinese Physics C	2058-6132	2008	2024
Chinese Physics Letters	1741-3540	1984	2024
Classical and Quantum Gravity	1361-6382	1984	2024
Communications in Theoretical Physics	1572-9494	1982	2024
Computational Science & Discovery	1749-4699	2008	2015
Convergent Science Physical Oncology	2057-1739	2015	2018
Distributed Systems Engineering	1361-6390	1993/1994	1999
ECS Journal of Solid State Science and Technology	2162-8777	2012	2024
ECS Transactions	1938-5862	2005	2024
Electrochemical and Solid State Letters In 2012 this titles divided into:	1944-8775	1998	2012
ECS Electrochemistry Letters, and;	2162-8734	2012	2015
ECS Solid State Letters	2162-8750	2012	2015
Journal of The Electrochemical Society Formerly: Transactions of The Electrochemical Society Formerly: Transactions of The American Electrochemical Society	1945-7111 1945-6859 2156-7395	1948 1931 1930	2024 1947 1930
Electronic Structure	2516-1075	2019	2024
EPL	1286-4854	1986	2024
European Journal of Physics	1361-6404	1980	2024
Flexible and Printed Electronics	2058-8585	2016	2024
Fluid Dynamics Research	1873-7005	1986	2024
Functional Composites and Structures	2631-6331	2019	2024
Inverse Problems	1361-6420	1985	2024
Izvestiya: Mathematics * Formerly: Russian Academy of Sciences: Izvestiya Mathematics Formerly: Mathematics of the USSR – Izvestiya	1468-4810 - -	1995 1993 1967	2022 1995 1992
Japanese Journal of Applied Physics	1347-4065	1962	2024
Journal of Breath Research	1752-7163	2007	2024
Journal of Cosmology and Astroparticle Physics	1475-7516	2003	2024
Journal of High Energy Physics	1029-8479	1997	2009
Journal of Instrumentation	1748-0221	2006	2024

Journal of Micromechanics and Microengineering	1361-6439	1991	2024
Journal of Neural Engineering	1741-2552	2004	2024
Journal of Optics Formerly: Journal of Optics A: Pure and Applied Optics (from 1999) (Formed by merger of Journal of Optics (1977-1998) and Pure and Applied Optics: Journal of the European Optical Society Part A (1992-1998)) Formerly: Nouvelle Revue d'Optique (1973- 1976) Formerly also Nouvelle Revue d'Optique Appliquée (1970-1972)	2040-8986 1741-3567 - 1361-6617 - -	2010 1999 1977 1992 1973 1970	2024 2009 1998 1998 1976 1972
Journal of Physics A: Mathematical and Theoretical (from 2007) Formerly: Journal of Physics A: Mathematical and General (1975-2006) Formerly: Journal of Physics A: Mathematical, Nuclear and General (1973-1974) Formerly: Journal of Physics A: General Physics (1968-1972)	1751-8121 1361-6447 - -	2007 1975 1973 1968	2024 2006 1974 1972
Journal of Physics B: Atomic, Molecular and Optical Physics (from 1988) Formerly: Journal of Physics B: Atomic and Molecular Physics (1970-1987) In 2006 this journal merged with Journal of Optics B: Quantum & Semiclassical Optics(1999-2005) Formerly Quantum and Semiclassical Optics: Journal of the European Optical Society Part B (1995-1998) Formerly Quantum Optics: Journal of the European Optical Society Part B (1989-1994)	1361-6455 - 1741-3575 1361-6625 -	1988 1968 1999 1995 1989	2024 1987 2005 1998 1994
Journal of Physics: Condensed Matter (from 1989) Formed by merger of: Journal of Physics C: Solid State Physics (1970- 1988) Journal of Physics F: Metal Physics (1971- 1988)	1361-648X - -	1989 1968 1971	2024 1988 1988
Journal of Physics D: Applied Physics Formerly British Journal of Applied Physics (1950 – 1967)	1361-6463 -	1968 1950	2024 1967
Journal of Physics G: Nuclear and Particle Physics Formerly: Journal of Physics G: Nuclear Physics (1975-1988)	1361-6471 -	1989 1975	2024 1988
Journal of Radiological Protection Formerly : Journal of the Society for Radiological Protection (1981 - 1987)	1361-6498 -	1988 1981	2024 1987
Journal of Semiconductors	2058-6140	2009	2024
Journal of Statistical Mechanics: Theory and Experiment	1742-5468	2004	2024
Laser Physics	1555-6611	2013	2024
Laser Physics Letters	1612-202X	2004	2024
Materials Research Express	2053-1591	2014	2019
Measurement Science and Technology Formerly: Journal of Physics E: Scientific Instruments (1968-1989) Formerly Journal of Scientific Instruments (1923 – 1967)	1361-6501 - -	1990 1968 1923	2024 1989 1967
Methods and Applications in Fluorescence	2050-6120	2013	2024

Metrologia	1681-7575	1965	2024
Modelling and Simulation in Materials Science and Engineering	1361-651X	1992	2024
Multifunctional Materials	2399-7532	2018	2022
Nano Futures	2399-1984	2017	2024
Nanotechnology	1361-6528	1990	2024
Nonlinearity	1361-6544	1988	2024
Nuclear Fusion	1741-4326	1960	2022
Physica Scripta	1402-4896	1970	2024
Physical Biology	1478-3975	2004	2024
Physics Education	1361-6552	1966	2024
Physics in Medicine & Biology	1361-6560	1956	2024
Physics in Technology	-	1973	1988
Formerly: Review of Physics in Technology (1970 – 1972)	-	1970	1972
Physics-Uspekhi	1468-4780	1993	2022
Formerly: Soviet Physics Uspekhi (1958 – 1992)	-	1958	1992
Physics Bulletin		1950	1988
Physics World	2058-7058	1988	2024
Physiological Measurement	1361-6579	1993	2024
Formerly: Clinical Physics and Physiological Measurement (1980-1992)	-	1980	1992
Plasma Physics and Controlled Fusion	1361-6587	1984	2024
Formerly: Plasma Physics (1967-1983)	-	1967	1983
Formerly Journal of Nuclear Energy Part C, Plasma Physics, Accelerators, Thermonuclear Research (1959- 1966)	-	1959/1960	1966
Plasma Research Express	2516-1067	2019	2022
Plasma Science and Technology	2058-6272	1999	2024
Plasma Sources Science and Technology	1361-6595	1992	2024
Proceedings of the Physical Society (1958-1967)	-	1958	1967
Proceedings of the Physical Society Section A (1949-1957)	-	1949	1957
Proceedings of the Physical Society Section B (1949-1957)	-	1949	1957
Proceedings of the Physical Society (1926-1948)	-	1926	1948
Proceedings of the Physical Society of London (1874-1925)	-	1874	1925
Progress in Biomedical Engineering	2516-1091	2019	2024
Progress in Energy	2516-1083	2019	2024
Publications of the Astronomical Society of the Pacific	1538-3873	1889	2024
Quantum Electronics	1468-4799	1993	2022
Formerly: Soviet Journal of Quantum Electronics	-	1971	1992
Quantum Science and Technology	2058-9565	2016	2024
Reports on Progress in Physics	1361-6633	1934	2024
Research in Astronomy and Astrophysics	2397-6209	2009	2024
Formerly Chinese Journal of Astronomy and Astrophysics	-	2001	2008
Russian Chemical Reviews	1468-4837	1960	2022

Russian Mathematical Surveys	1468-4829	1960	2022
Sbornik:Mathematics *	1468-4802	1995	2022
Formerly: Russian Academy of Sciences: Sbornik Mathematics	-	1993	1995
Formerly: Mathematics of the USSR – Sbornik	-	1967	1993
Semiconductor Science and Technology	1361-6641	1986	2024
Smart Materials and Structures	1361-665X	1992	2024
Superconductor Science and Technology	1361-6668	1988	2024
Surface Topography: Metrology and Properties	2051-672X	2013	2024
Transactions of the Optical Society (1899-1932)	-	1899	1932
Translational Materials Research	2053-1613	2014	2018

* - Volumes re-numbered in 1995 – no gap in volume

SCHEDULE 1: OPEN ACCESS PUBLICATION

- 1 Subject to the remainder of this Schedule, with regard to the fees payable for periods starting on or after 1 January 2024, and during the term of this Licence, IOP will charge the amounts outlined in the Annexure for this Licence.
- 2 The “Corresponding Author” shall be defined as the author that:
 - i. submits a manuscript to an IOP journal or that of one of its partners; and
 - ii. is the author responsible for communicating with the journal during the submission, peer review and publication process.
- 3 For the purposes of this Licence, a manuscript may not have more than one Corresponding Author for Eligible Articles (as defined below) under this Schedule. This includes post-publication contact authors, which may differ from the Corresponding Author.
- 4 The Corresponding Author may not be changed retrospectively without approval in writing by IOP.
- 5 An “Eligible Article” is an article which:
 - i. has a Corresponding Author that is a current staff member, researcher (permanent, temporary and visiting), or student of the Customer at the time of article acceptance;
 - ii. is published within an Included Journal (listed in Schedule 2);
 - iii. is a manuscript of the type paper, special issue paper, review and/or letter (intended to cover all original research and review type content) (for the journal Reports on Progress in Physics, only original research papers can qualify as Eligible Articles);
 - iv. has been accepted by IOP within the term of this Licence. The submission date of an article does not determine the eligibility of the article; and
 - v. has been identified for inclusion within this Licence under the process outlined in clause 7 below.
- 6 The Article Publication Charges (“APCs”) shall be included in the Fee for all Eligible Articles.
- 7 The following process to identify and include Eligible Articles under this Licence shall be followed:
 - i. During the peer review process, IOP will make reasonable efforts to identify and inform Corresponding Authors of their article’s possible eligibility for inclusion in this Licence and/or IOP will use reasonable efforts to ensure that the respective partner informs those authors where a journal is owned by that partner; IOP and its partners assume no liability for failure to identify whether a Corresponding Author is a current staff member, researcher or student of the Customer;
 - ii. The Corresponding Author may opt out in writing from their article being included under this Licence within five (“5”) days of being notified of possible eligibility;
 - iii. Where a potentially Eligible Article is identified, the article will be published as an open access publication unless the Corresponding Author opts out within five (“5”) days of notification;

- iv. If an article is published on a subscription basis, but is identified subsequently as an Eligible Article, then IOP and/or its respective partners (as applicable) shall be under no obligation to change its status retrospectively;
 - v. Where any charges are payable for publication of the Eligible Article in addition to the APC, including, but not limited to, page charges, these remain payable by the Corresponding Author; and
 - vi. The decision whether or not to publish any article shall be taken by IOP and / or respective partner in its absolute discretion, using its editorial criteria.
- 8 IOP will deliver article metadata including Open Access licence information to CrossRef.
- 9 Any Eligible Article will be published under a Creative Commons CC BY licence and can be posted to institutional and subject repositories immediately, in accordance with the terms of that CC BY licence or, if not CC BY, in accordance with the terms of the applicable CC licence.
- 10 IOP will send quarterly reports and an annual statement of the Eligible Articles accepted and published within the period to the Customer.
- 11 IOP will notify the Customer in writing when any titles will be added or removed to the list of Included Journals (Schedule 2).
- 12 Clause 24 shall be replaced by the follow wording: If any Publication is withdrawn from either the Publications and/or Included Journals , IOP will give the Customer written notice and, where it deems it to be applicable, will substitute the Publication with another publication which is not currently included as part of the Publications and/or Included Journals.

If IOP does not substitute the Publication with another Publication(s) or Included Journal(s), and the withdrawn content in any year of the term amounts to greater than 15% of the total number of Publications and/or Included Journals then IOP will reduce the fee for that licence year by a sum equivalent to the contribution of the withdrawn content to the total fee, pro-rated.

IOP shall be entitled to offset any reduction owing to the Customer against any amounts owed to IOP by the Customer under any agreement between the parties.

SCHEDULE 2: INCLUDED JOURNALS

Titles	P-ISSN / E-ISSN	Type
2D Materials	2053-1583	Hybrid OA
Applied Physics Express	1882-0786	Gold OA
Biofabrication	1758-5090	Hybrid OA
Bioinspiration & Biomimetics	1748-3190	Hybrid OA
Biomedical Materials	1748-605X	Hybrid OA
Biomedical Physics & Engineering Express	2057-1976	Hybrid OA
Classical and Quantum Gravity	0264-9381	Hybrid OA
ECS Advances	2754-2734	Gold OA
ECS Journal of Solid State Science and Technology	2162-8777	Hybrid OA
ECS Sensors Plus	2754-2726	Gold OA
Electronic Structure	2516-1075	Hybrid OA
Engineering Research Express	2631-8695	Hybrid OA
Environmental Research Communications	2515-7620	Gold OA
Environmental Research Letters	1748-9326	Gold OA

Environmental Research: Climate	2752-5295	Gold OA
Environmental Research: Ecology	2752-664X	Gold OA
Environmental Research: Health	2752-5309	Gold OA
Environmental Research: Infrastructure and Sustainability	2634-4505	Gold OA
EPL	0295-5075	Hybrid OA
European Journal of Physics	0143-0807	Hybrid OA
Flexible and Printed Electronics	2058-8585	Hybrid OA
Fluid Dynamics Research	1873-7005	Hybrid OA
Functional Composites and Structures	2631-6331	Hybrid OA
Inverse Problems	0266-5611	Hybrid OA
Japanese Journal of Applied Physics	1347-4065	Hybrid OA
Journal of Breath Research	1752-7163	Hybrid OA
Journal of Cosmology and Astroparticle Physics	1475-7516	Hybrid OA
Journal of Instrumentation	1748-0221	Hybrid OA
Journal of Micromechanics and Microengineering	0960-1317	Hybrid OA
Journal of Neural Engineering	1741-2552	Hybrid OA
Journal of Optics	2040-8986	Hybrid OA
Journal of Physics A: Mathematical and Theoretical	1751-8121	Hybrid OA
Journal of Physics B: Atomic, Molecular and Optical Physics	0953-4075	Hybrid OA
Journal of Physics Communications	2399-6528	Gold OA

Journal of Physics D: Applied Physics	0022-3727	Hybrid OA
Journal of Physics G: Nuclear and Particle Physics	0954-3899	Hybrid OA
Journal of Physics: Complexity	2632-072X	Gold OA
Journal of Physics: Condensed Matter	0953-8984	Hybrid OA
Journal of Physics: Energy	2515-7655	Gold OA
Journal of Physics: Materials	2515-7639	Gold OA
Journal of Physics: Photonics	2515-7647	Gold OA
Journal of Radiological Protection	0952-4746	Hybrid OA
Journal of Statistical Mechanics: Theory and Experiment	1742-5468	Hybrid OA
Journal of the Electrochemical Society	1945-7111	Hybrid OA
Laser Physics	1555-6611	Hybrid OA
Laser Physics Letters	1612-202X	Hybrid OA
Machine Learning: Science and Technology	2632-2153	Gold OA
Materials for Quantum Technology	2633-4356	Gold OA
Materials Research Express	2053-1591	Gold OA
Measurement Science and Technology	0957-0233	Hybrid OA
Methods and Applications in Fluorescence	2050-6120	Hybrid OA
Metrologia	0026-1394	Hybrid OA
Modelling and Simulation in Materials Science and Engineering	0965-0393	Hybrid OA
Nano Express	2632-959X	Gold OA
Nano Futures	2399-1984	Hybrid OA

Nanotechnology	0957-4484	Hybrid OA
Neuromorphic Computing and Engineering	2634-4386	Gold OA
New Journal of Physics	1367-2630	Gold OA
Nonlinearity	0951-7715	Hybrid OA
Nuclear Fusion	0029-5515	Gold OA
Physica Scripta	1402-4896	Hybrid OA
Physical Biology	1478-3975	Hybrid OA
Physics Education	0031-9120	Hybrid OA
Physics in Medicine & Biology	0031-9155	Hybrid OA
Physiological Measurement	0967-3334	Hybrid OA
Plasma Physics and Controlled Fusion	0741-3335	Hybrid OA
Plasma Sources Science and Technology	0963-0252	Hybrid OA
Progress in Biomedical Engineering	2516-1091	Hybrid OA
Progress in Energy	2516-1083	Hybrid OA
Publications of the Astronomical Society of the Pacific	1538-3873	Hybrid OA
Quantum Science and Technology	2058-9565	Hybrid OA
Reports on Progress in Physics*	0034-4885	Hybrid OA
Semiconductor Science and Technology	0268-1242	Hybrid OA
Smart Materials and Structures	0964-1726	Hybrid OA
Superconductor Science and Technology	0953-2048	Hybrid OA

Surface Topography: Metrology and Properties	2051-672X	Hybrid OA
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*Reports on Progress in Physics: only original research papers can qualify as Eligible Articles.

FOR THE PUBLISHER: IOP PUBLISHING LIMITED

Name: Julian Wilson

Date: 23 February 2024

Signature:

Position / Title: Chief sales officer

FOR THE CUSTOMER: UNIVERSITY OF BARCELONA

Name: Judit Casals Parladé

Date: 20/02/2024

Signature:



Position / Title: Directora del CRAI de la Universitat de Barcelona