

NAISに登録されている主な学術雑誌のインパクトファクターの値

Journal Name 昇順

Journal Name	IF 2014	IF 2015	IF 2016	IF 2017	5year IF 2017
ACS Nano	12.881	13.334	13.942	13.709	14.820
Acta Physica Polonica A	0.530	0.525	0.469	0.857	0.692
AIP Advances	1.524	1.444	1.568	1.653	1.657
Applied Optics	1.784	1.598	1.650	1.791	1.755
Applied Physics A	1.704	1.444	1.455	1.604	1.573
Applied Physics Express	2.365	2.265	2.677	2.555	2.426
Applied Physics Letters	3.302	3.142	3.411	3.495	3.386
Applied Radiation and Isotopes	1.231	1.136	1.128	1.123	1.144
Applied Surface Science	2.711	3.150	3.387	4.439	3.743
Astronomy & Astrophysics	4.378	5.185	5.014	5.565	4.902
Atomic Data and Nuclear Data Tables	2.458	2.576	1.689	4.441	3.040
Canadian Journal of Physics	0.964	0.724	0.877	0.983	0.840
Cell Cycle	4.565	3.952	3.530	3.304	3.799
Chemical Communications	6.834	6.567	6.319	6.290	6.064
Chemistry Letters	1.230	1.550	1.801	1.625	1.393
Chinese Physics Letters	0.947	0.875	0.800	0.847	0.774
Communications in Computational Physics	1.943	1.778	2.004	1.762	1.972
Computer Physics Communications	3.112	3.635	3.936	3.748	4.284
Contributions to Plasma Physics	0.838	1.255	1.440	1.318	1.177
Cryogenics	1.168	1.026	1.465	1.196	1.275
Crystals		2.075	1.566	2.144	1.928
DNA Repair	3.111	3.929	3.610	4.461	4.122
Fluid Dynamics Research	0.990	0.846	0.677	0.940	1.015
Fusion Engineering and Design	1.152	1.301	1.319	1.437	1.396
Fusion Science and Technology	0.486	0.799	0.578	0.991	0.678
Geophysical and Astrophysical Fluid Dynamics	1.062	0.712	0.850	1.417	1.005
Geophysical Research Letters	4.196	4.212	4.253	4.339	4.692
Health Physics	1.271	1.193	1.276	0.993	1.082
High Temperatures-High Pressures: The International Journal of Thermophysical Properties Research	0.455	0.522	0.408	0.544	0.627
IEEE Journal of Quantum Electronics	1.887	1.843	1.852	2.069	1.797
IEEE Transactions on Applied Superconductivity	1.235	1.092	1.583	1.288	1.217
IEEE Transactions on Magnetics	1.386	1.277	1.243	1.467	1.517
IEEE Transactions on Microwave Theory and Techniques	2.243	2.284	2.897	3.176	3.603
IEEE Transactions on Nuclear Science	1.283	1.198	1.171	1.440	1.463
IEEE Transactions on Plasma Science	1.101	0.958	1.052	1.253	1.161
IEEJ Transactions on Electrical and Electronic Engineering	0.213	0.261	0.517	0.723	0.616
International Journal of High Performance Computing Applications	1.477	1.081	2.097	2.015	1.975
International Journal of Radiation Biology	1.687	1.779	1.992	1.970	1.742
ISIJ International	1.140	0.960	1.110	1.350	1.560
Japanese Journal of Applied Physics	1.127	1.122	1.384	1.452	1.149
Journal of Applied Physics	2.183	2.101	2.068	2.176	2.163
Journal of Chemical Theory and Computation	5.498	5.301	5.245	5.399	5.793
Journal of Computational Physics	2.434	2.556	2.746	2.864	3.186
Journal of Electronic Materials	1.798	1.491	1.579	1.566	1.614
Journal of Environmental Radioactivity	2.483	2.047	2.310	2.263	2.401
Journal of Fluid Mechanics	2.383	2.514	2.821	2.893	3.157
Journal of Fusion Energy	1.202	0.985	0.858	0.719	0.765

Impact Factor 降順

Journal Name	IF 2014	IF 2015	IF 2016	IF 2017	5year IF 2017
Nature Physics	20.147	18.791	22.806	22.727	22.610
ACS Nano	12.881	13.334	13.942	13.709	14.820
Nature Communications	11.470	11.329	12.124	12.353	13.691
Physical Review Letters	7.512	7.645	8.462	8.839	7.888
Oncogene	8.459	7.932	7.519	6.854	6.933
The Astrophysical Journal Letters	5.339	5.487	5.522	6.634	5.572
Chemical Communications	6.834	6.567	6.319	6.290	6.064
Astronomy & Astrophysics	4.378	5.185	5.014	5.565	4.902
The Astrophysical Journal	5.993	5.909	5.533	5.551	5.402
Journal of Chemical Theory and Computation	5.498	5.301	5.245	5.399	5.793
Monthly Notices of the Royal Astronomical Society	5.107	4.952	4.961	5.194	4.893
Journal of Physical Chemistry C	4.772	4.509	4.536	4.484	4.691
DNA Repair	3.111	3.929	3.610	4.461	4.122
Atomic Data and Nuclear Data Tables	2.458	2.576	1.689	4.441	3.040
Applied Surface Science	2.711	3.150	3.387	4.439	3.743
Geophysical Research Letters	4.196	4.212	4.253	4.339	4.692
Scientific Reports	5.578	5.228	4.259	4.122	4.609
Nuclear Fusion	3.062	4.040	3.307	4.057	3.638
Plasma Sources Science and Technology	3.591	2.808	3.302	3.939	3.739
Physical Review B	3.736	3.718	3.836	3.813	3.704
Langmuir	4.457	3.993	3.833	3.789	4.139
Computer Physics Communications	3.112	3.635	3.936	3.748	4.284
Optics Letters	3.292	3.040	3.416	3.589	3.296
New Journal of Physics	3.558	3.570	3.786	3.579	3.616
Applied Physics Letters	3.302	3.142	3.411	3.495	3.386
Materials Science and Engineering: A	2.567	2.647	3.094	3.414	3.478
Journal of Geophysical Research - Atmospheres	-	-	3.454	3.380	4.136
Optics Express	3.488	3.148	3.307	3.356	3.372
Cell Cycle	4.565	3.952	3.530	3.304	3.799
IEEE Transactions on Microwave Theory and Techniques	2.243	2.284	2.897	3.176	3.603
Plasma Physics and Controlled Fusion	2.186	2.404	2.392	3.032	2.533
Journal of Materials Science	2.371	2.302	2.599	2.993	2.733
Physical Review A	2.808	2.765	2.925	2.909	2.678
Journal of Fluid Mechanics	2.383	2.514	2.821	2.893	3.157
Progress In Electromagnetics Research	1.229	1.315	2.404	2.874	1.597
Journal of Computational Physics	2.434	2.556	2.746	2.864	3.186
Superconductor Science and Technology	2.325	2.717	2.878	2.861	2.674
The Journal of Chemical Physics	2.952	2.894	2.965	2.843	2.743
Journal of Physical Chemistry A	2.693	2.883	2.847	2.836	2.642
PLOS ONE	3.234	3.057	2.806	2.766	3.352
Journal of Geophysical Research - Space Physics	-	-	2.733	2.752	2.720
Solid State Ionics	2.561	2.380	2.354	2.751	2.607
Philosophical Transactions of The Royal Society A	2.147	2.441	2.970	2.746	3.100
Journal of Physics: Condensed Matter	2.346	2.209	2.678	2.617	2.385
Journal of Quantitative Spectroscopy and Radiative Transfer	2.645	2.859	2.419	2.600	2.707
Optical Materials Express	2.844	2.657	2.591	2.566	2.742
Applied Physics Express	2.365	2.265	2.677	2.555	2.426

Journal of Geophysical Research - Space Physics	-	-	2.733	2.752	2.720
Journal of Geophysical Research - Atmospheres	-	-	3.454	3.380	4.136
Journal of Infrared, Millimeter and Terahertz Waves	1.942	1.851	2.540	1.677	2.084
Journal of Instrumentation	1.399	1.310	1.220	1.258	1.275
Journal of Laser Micro-Nanoengineering	1.008	0.759	0.763	0.789	0.865
Journal of Low Temperature Physics	1.021	0.787	1.300	1.044	0.835
Journal of Materials Science	2.371	2.302	2.599	2.993	2.733
Journal of Mathematical Physics	1.243	1.234	1.077	1.165	1.228
Journal of Microwave Power and Electromagnetic Energy	0.500	0.925	0.575	0.575	0.930
Journal of Nuclear Materials	1.865	2.199	2.048	2.447	2.453
Journal of Nuclear Science and Technology	1.118	1.202	0.965	0.774	1.019
Journal of Optics	2.059	1.847	1.741	2.323	2.151
Journal of Physical Chemistry A	2.693	2.883	2.847	2.836	2.642
Journal of Physical Chemistry C	4.772	4.509	4.536	4.484	4.691
Journal of Physics A: Mathematical and Theoretical	1.583	1.933	1.865	1.963	1.766
Journal of Physics B: Atomic, Molecular and Optical Physics	1.975	1.833	1.792	2.119	1.874
Journal of Physics D: Applied Physics	2.721	2.772	2.588	2.373	2.707
Journal of Physics: Condensed Matter	2.346	2.209	2.678	2.617	2.385
Journal of Plasma Physics	0.864	0.981	1.160	1.567	1.208
Journal of Quantitative Spectroscopy and Radiative Transfer	2.645	2.859	2.419	2.600	2.707
Journal of Radiation Research	1.797	1.536	1.788	2.031	1.891
Journal of the Korean Physical Society	0.418	0.445	0.467	0.493	0.401
Journal of the Physical Society of Japan	1.585	1.559	1.450	1.485	1.405
Journal of Thermophysics and Heat Transfer	0.833	1.035	1.315	1.085	1.273
Journal of Turbulence	1.560	1.472	1.417	1.570	1.972
Journal of Vacuum Science & Technology A	2.322	1.724	1.374	1.761	1.947
Langmuir	4.457	3.993	3.833	3.789	4.139
Laser and Particle Beams	1.295	1.649	1.420	1.272	1.150
Materials Science and Engineering: A	2.567	2.647	3.094	3.414	3.478
Materials Transactions	0.679	0.689	0.713	0.675	0.872
Monthly Notices of the Royal Astronomical Society	5.107	4.952	4.961	5.194	4.893
Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis	3.680	2.581	1.829	2.398	3.002
Nature Communications	11.470	11.329	12.124	12.353	13.691
Nature Physics	20.147	18.791	22.806	22.727	22.610
New Journal of Physics	3.558	3.570	3.786	3.579	3.616
Nuclear Fusion	3.062	4.040	3.307	4.057	3.638
Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment	1.216	1.200	1.362	1.336	1.208
Nuclear Science and Techniques	0.401	0.641	0.779	1.085	0.793
Oncogene	8.459	7.932	7.519	6.854	6.933
Optical Engineering	0.954	0.984	1.082	0.993	1.032
Optical Materials	1.981	2.183	2.238	2.320	2.339
Optical Materials Express	2.844	2.657	2.591	2.566	2.742
Optics Express	3.488	3.148	3.307	3.356	3.372
Optics Letters	3.292	3.040	3.416	3.589	3.296
Philosophical Transactions of The Royal Society A	2.147	2.441	2.970	2.746	3.100
Physica A: Statistical Mechanics and its Applications	1.732	1.785	2.243	2.132	2.076

Radiation Research	2.911	3.022	2.539	2.530	2.824
Journal of Nuclear Materials	1.865	2.199	2.048	2.447	2.453
Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis	3.680	2.581	1.829	2.398	3.002
Journal of Physics D: Applied Physics	2.721	2.772	2.588	2.373	2.707
Journal of Optics	2.059	1.847	1.741	2.323	2.151
Optical Materials	1.981	2.183	2.238	2.320	2.339
Physical Review E	2.288	2.252	2.366	2.284	2.293
Physics of Fluids	2.031	2.017	2.232	2.279	2.500
Journal of Environmental Radioactivity	2.483	2.047	2.310	2.263	2.401
Physical Review Fluids	-	-	-	2.201	2.201
Journal of Applied Physics	2.183	2.101	2.068	2.176	2.163
Polymer Journal	1.653	1.629	2.145	2.170	1.941
Results in Physics	-	1.337	0.946	2.147	2.007
Crystals		2.075	1.566	2.144	1.928
Physica A: Statistical Mechanics and its Applications	1.732	1.785	2.243	2.132	2.076
Journal of Physics B: Atomic, Molecular and Optical Physics	1.975	1.833	1.792	2.119	1.874
IEEE Journal of Quantum Electronics	1.887	1.843	1.852	2.069	1.797
Vacuum	1.858	1.558	1.530	2.067	1.867
Journal of Radiation Research	1.797	1.536	1.788	2.031	1.891
International Journal of High Performance Computing Applications	1.477	1.081	2.097	2.015	1.975
International Journal of Radiation Biology	1.687	1.779	1.992	1.970	1.742
Journal of Physics A: Mathematical and Theoretical	1.583	1.933	1.865	1.963	1.766
Physica D: Nonlinear Phenomena	1.636	1.579	1.514	1.960	1.971
Physics of Plasmas	2.142	2.207	2.115	1.941	1.926
Thin Solid Films	1.759	1.761	1.879	1.939	1.796
Physica Scripta	1.126	1.194	1.280	1.902	1.290
Physics Letters A	1.683	1.677	1.772	1.863	1.776
Planetary and Space Science	1.875	1.942	1.892	1.820	1.805
Applied Optics	1.784	1.598	1.650	1.791	1.755
Communications in Computational Physics	1.943	1.778	2.004	1.762	1.972
Journal of Vacuum Science & Technology A	2.322	1.724	1.374	1.761	1.947
Journal of Infrared, Millimeter and Terahertz Waves	1.942	1.851	2.540	1.677	2.084
AIP Advances	1.524	1.444	1.568	1.653	1.657
Chemistry Letters	1.230	1.550	1.801	1.625	1.393
Applied Physics A	1.704	1.444	1.455	1.604	1.573
Journal of Turbulence	1.560	1.472	1.417	1.570	1.972
Journal of Plasma Physics	0.864	0.981	1.160	1.567	1.208
Journal of Electronic Materials	1.798	1.491	1.579	1.566	1.614
Journal of the Physical Society of Japan	1.585	1.559	1.450	1.485	1.405
IEEE Transactions on Magnetics	1.386	1.277	1.243	1.467	1.517
Physica B: Condensed Matter	1.319	1.352	1.405	1.453	1.374
Physica C: Superconductivity and its Applications	0.942	0.835	1.404	1.453	0.984
Japanese Journal of Applied Physics	1.127	1.122	1.384	1.452	1.149
IEEE Transactions on Nuclear Science	1.283	1.198	1.171	1.440	1.463
Fusion Engineering and Design	1.152	1.301	1.319	1.437	1.396
Review of Scientific Instruments	1.614	1.336	1.515	1.428	1.488

Physica B: Condensed Matter	1.319	1.352	1.405	1.453	1.374
Physica C: Superconductivity and its Applications	0.942	0.835	1.404	1.453	0.984
Physica D: Nonlinear Phenomena	1.636	1.579	1.514	1.960	1.971
Physica Scripta	1.126	1.194	1.280	1.902	1.290
Physical Review A	2.808	2.765	2.925	2.909	2.678
Physical Review B	3.736	3.718	3.836	3.813	3.704
Physical Review E	2.288	2.252	2.366	2.284	2.293
Physical Review Fluids	-	-	-	2.201	2.201
Physical Review Letters	7.512	7.645	8.462	8.839	7.888
Physics Letters A	1.683	1.677	1.772	1.863	1.776
Physics of Fluids	2.031	2.017	2.232	2.279	2.500
Physics of Plasmas	2.142	2.207	2.115	1.941	1.926
Planetary and Space Science	1.875	1.942	1.892	1.820	1.805
Plasma Physics and Controlled Fusion	2.186	2.404	2.392	3.032	2.533
Plasma Physics Reports	0.750	1.010	0.984	1.049	0.939
Plasma Science and Technology	0.579	0.659	0.830	1.070	0.766
Plasma Sources Science and Technology	3.591	2.808	3.302	3.939	3.739
PLOS ONE	3.234	3.057	2.806	2.766	3.352
Polymer Journal	1.653	1.629	2.145	2.170	1.941
Progress In Electromagnetics Research	1.229	1.315	2.404	2.874	1.597
Radiation Measurements	1.213	1.071	1.442	1.369	1.435
Radiation Protection Dosimetry	0.913	0.894	0.917	0.822	0.899
Radiation Research	2.911	3.022	2.539	2.530	2.824
Radiochimica Acta	1.014	1.100	1.271	1.202	1.172
Radioprotection	0.540	0.508	0.388	0.225	0.351
Results in Physics	-	1.337	0.946	2.147	2.007
Review of Scientific Instruments	1.614	1.336	1.515	1.428	1.488
Scientific Reports	5.578	5.228	4.259	4.122	4.609
Solid State Ionics	2.561	2.380	2.354	2.751	2.607
Superconductor Science and Technology	2.325	2.717	2.878	2.861	2.674
Technical physics letters	0.574	0.702	0.771	0.808	0.699
The Astrophysical Journal	5.993	5.909	5.533	5.551	5.402
The Astrophysical Journal Letters	5.339	5.487	5.522	6.634	5.572
The European Physical Journal D	1.228	1.208	1.288	1.393	1.196
The Journal of Chemical Physics	2.952	2.894	2.965	2.843	2.743
Thin Solid Films	1.759	1.761	1.879	1.939	1.796
Transactions of the Japan Society for Aeronautical and Space Sciences, Aerospace Technology Japan	0.337	0.287	0.541	0.442	0.545
Vacuum	1.858	1.558	1.530	2.067	1.867

Geophysical and Astrophysical Fluid Dynamics	1.062	0.712	0.850	1.417	1.005
The European Physical Journal D	1.228	1.208	1.288	1.393	1.196
Radiation Measurements	1.213	1.071	1.442	1.369	1.435
ISIJ International	1.140	0.960	1.110	1.350	1.560
Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment	1.216	1.200	1.362	1.336	1.208
Contributions to Plasma Physics	0.838	1.255	1.440	1.318	1.177
IEEE Transactions on Applied Superconductivity	1.235	1.092	1.583	1.288	1.217
Laser and Particle Beams	1.295	1.649	1.420	1.272	1.150
Journal of Instrumentation	1.399	1.310	1.220	1.258	1.275
IEEE Transactions on Plasma Science	1.101	0.958	1.052	1.253	1.161
Radiochimica Acta	1.014	1.100	1.271	1.202	1.172
Cryogenics	1.168	1.026	1.465	1.196	1.275
Journal of Mathematical Physics	1.243	1.234	1.077	1.165	1.228
Applied Radiation and Isotopes	1.231	1.136	1.128	1.123	1.144
Journal of Thermophysics and Heat Transfer	0.833	1.035	1.315	1.085	1.273
Nuclear Science and Techniques	0.401	0.641	0.779	1.085	0.793
Plasma Science and Technology	0.579	0.659	0.830	1.070	0.766
Plasma Physics Reports	0.750	1.010	0.984	1.049	0.939
Journal of Low Temperature Physics	1.021	0.787	1.300	1.044	0.835
Health Physics	1.271	1.193	1.276	0.993	1.082
Optical Engineering	0.954	0.984	1.082	0.993	1.032
Fusion Science and Technology	0.486	0.799	0.578	0.991	0.678
Canadian Journal of Physics	0.964	0.724	0.877	0.983	0.840
Fluid Dynamics Research	0.990	0.846	0.677	0.940	1.015
Acta Physica Polonica A	0.530	0.525	0.469	0.857	0.692
Chinese Physics Letters	0.947	0.875	0.800	0.847	0.774
Radiation Protection Dosimetry	0.913	0.894	0.917	0.822	0.899
Technical physics letters	0.574	0.702	0.771	0.808	0.699
Journal of Laser Micro-Nanoengineering	1.008	0.759	0.763	0.789	0.865
Journal of Nuclear Science and Technology	1.118	1.202	0.965	0.774	1.019
IEEJ Transactions on Electrical and Electronic Engineering	0.213	0.261	0.517	0.723	0.616
Journal of Fusion Energy	1.202	0.985	0.858	0.719	0.765
Materials Transactions	0.679	0.689	0.713	0.675	0.872
Journal of Microwave Power and Electromagnetic Energy	0.500	0.925	0.575	0.575	0.930
High Temperatures-High Pressures: The International Journal of Thermophysical Properties Research	0.455	0.522	0.408	0.544	0.627
Journal of the Korean Physical Society	0.418	0.445	0.467	0.493	0.401
Transactions of the Japan Society for Aeronautical and Space Sciences, Aerospace Technology Japan	0.337	0.287	0.541	0.442	0.545
Radioprotection	0.540	0.508	0.388	0.225	0.351