

Status of Reviews of Modern Plasma Physics (RMPP)

2020.2.19 M. Kikuchi, RMPP Chair

1. Citation statistics:

1. Citation per article

Author	Year	Id	Total citation	2017	2018	2019	2020	
2017								
Melrose, D B	2017	5	25	1	6	18		CL
Zong, Q.	2017	10	24		7	17		
Tanaka, H.	2017	3	17	2	6	9		
Yoon, P. H	2017	4	13	2	6	5		
Hatakeyama, R.	2017	7	12		7	5		
Kaw, P. K.	2017	2	4		1	3		CL
Parks,, G. K.	2017	1	3		2	1		
Sugama, H.	2017	9	3		1	2		
Ichimaru, S.	2017	6	1			1		CL
2018								
Baranov, O.	2018	4	13		4	9		
Moseev, D.	2018	7	11		1	9	1	
Hillier, A.	2018	1	7		2	5		
Dubinov, A.E.	2018	2	6		3	3		
Escande, D.F.	2018	9	1			1		
2019								
Takahashi, K	2019	3	6			5	1	TC
Lev, D R	2019	6	3			3		TC
Todo, Y.	2019	1	3			3		
Zhang, Z	2019	5	1			1		TC
Baranov, O.	2019	7	3			3		TC
Total			153	5	46	103	2	

Data: Web of Science (as of 14 Jan 2020)

Citing Journal	IF 2018	cites	[%]
ASTROPHYSICAL JOURNAL (IOP)	5.580	17	11.486
JOURNAL OF GEOPHYSICAL RESEARCH SPACE PHYSICS (AGU)	2.821	16	10.811
PHYSICS OF PLASMAS (AIP)	1.913	14	9.459
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY (OUP)	5.231	6	4.054
JOURNAL OF PHYSICS D APPLIED PHYSICS	2.829	5	3.378
ASTROPHYSICAL JOURNAL LETTERS (IOP)	8.374	4	2.703
GEOPHYSICAL RESEARCH LETTERS (AGU)	4.578	4	2.703
NUCLEAR FUSION (IOP)	3.516	4	2.703
PLASMA PROCESSES AND POLYMERS (Wiley)	3.173	4	2.703
REVIEW OF SCIENTIFIC INSTRUMENTS (AIP)	1.587	4	2.703
JOURNAL OF INSTRUMENTATION (IOP)	1.366	3	2.027
2D MATERIALS (IOP)	7.343	2	1.351
ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS (Elsevier)	3.559	2	1.351
ASTROPHYSICS AND SPACE SCIENCE (Springer)	1.681	2	1.351
EARTH AND PLANETARY PHYSICS (Science Press)	n.a.	2	1.351
JAPANESE JOURNAL OF APPLIED PHYSICS (IOP)	1.471	2	1.351
JOURNAL OF PLASMA PHYSICS (CUP)	2.312	2	1.351
NANOSCALE (RSC)	6.970	2	1.351
PHYSICAL REVIEW LETTERS (APS)	9.227	2	1.351
PLASMA PHYSICS AND CONTROLLED FUSION (IOP)	2.799	2	1.351
PLASMA SOURCES SCIENCE TECHNOLOGY (IOP)	4.128	2	1.351
SOLAR TERRESTRIAL PHYSICS	n.a.	2	1.351

Other 47 journals cites once.

2. Some information from Springer report as of Sept. 2019

1.1 Editorial summary, 1.2 Regional distribution of authors, 3. Number of institutions by ackage purchase 2703 institutions world-wide. Compact purchase is 279 institutions.

1.1 Editorial Manager – Editorial Status Summary

Submissions	2016	2017	2018	Jan-Jun 2019
Total Submitted	7	21	18	18
Total Decisined	2	18	19	16
Accept		10	9	11
Reject	2	7	9	1
Withdrawn		1	1	4
Acceptance Rate		56%	47%	69%
Rejection Rate	100%	39%	47%	6%
Withdrawal Rate			5%	25%
Average Days to First Decision	9	58	41	37
Average Days to Final Disposition Accept		190	150	163
Average Days to Final Disposition Reject	107	15	28	34

1.2 Author Country of Origin of Manuscripts Submitted and Accepted

Country	Number of Manuscripts Submitted				Number of Manuscripts Accepted*			
	2016	2017	2018	Jan-Jun 2019	2016	2017	2018	Jan-Jun 2019
CHINA		2	4	2		1	3	3
JAPAN	2	3	4	4		4	1	3
INDIA	3	1	2	1		1	1	
UNITED KINGDOM	1	2				1	1	
GERMANY		2		2			1	1
FRANCE			1	2			1	
SINGAPORE		1					1	
UNITED STATES	1	1				2		
AUSTRALIA		1		1		1		1
MEXICO			1					
BRAZIL				1				
BELGIUM				1				
ISRAEL				1				1
ITALY		1		1				1
SAUDI ARABIA			1					
EGYPT		2	2					
IRAN, ISLAMIC REPUBLIC OF		3	1	1				
PAKISTAN			1	1				
IRAQ		1						

3 Circulation

3.1 Online Deals

Region	2017		2018	
	Number of Deals	Institutions with exposure via online deals	Number of Deals	Institutions with exposure via online deals
Americas	18	616	27	832
Asia Pacific	11	349	40	1,191
EMEA*	6	441	14	681
Grand Total **	35	1,406	81	2,704

The type of deal, as well as the type and number of “members” or “sites” participating in these deals, varies greatly. Also the way in which these members and sites are administrated in our contracts can vary considerably. For example in a consortium deal we count institutions as “members”, which in themselves may represent many locations/schools/libraries. Therefore the numbers given in the tables in this section should be viewed as an indication of distribution of the title through online deals.

The figures provided under “Institutions with exposure via online deals” refer to institutions that have exposure to the journal as part of an online deal with Springer (consortia, multi-site licenses, and site licenses). This does not mean that these institutions had fully paid institutional subscriptions and/or are paying the equivalent of the list price to obtain access to the journal under an online deal arrangement.

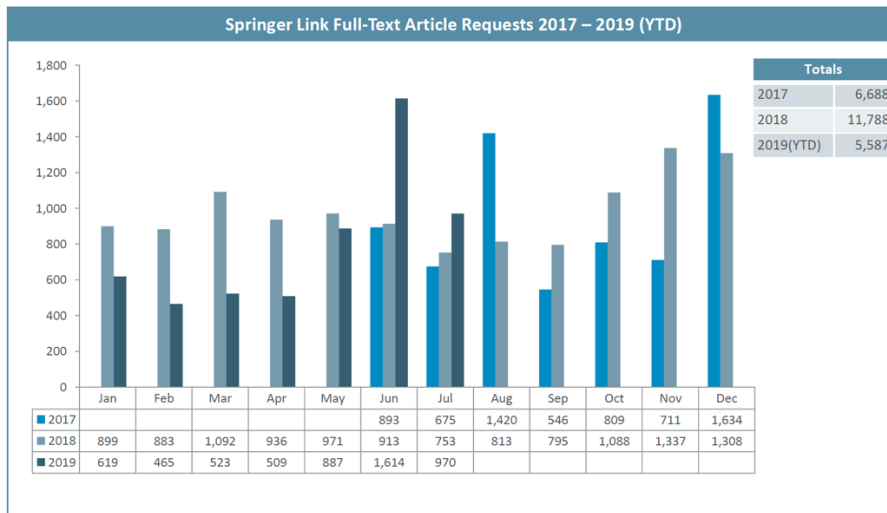
*EMEA = Europe, Middle East and Africa

**The Research4Life online access data are not included in the above table (see Appendix for more information)

3. Some information from Springer report as of Sept. 2019 (cont.)

4.1 Article requests (downloads)

4.1 Successful Full-Text Article Requests



Source: COUNTER Reporting / Business Warehouse.

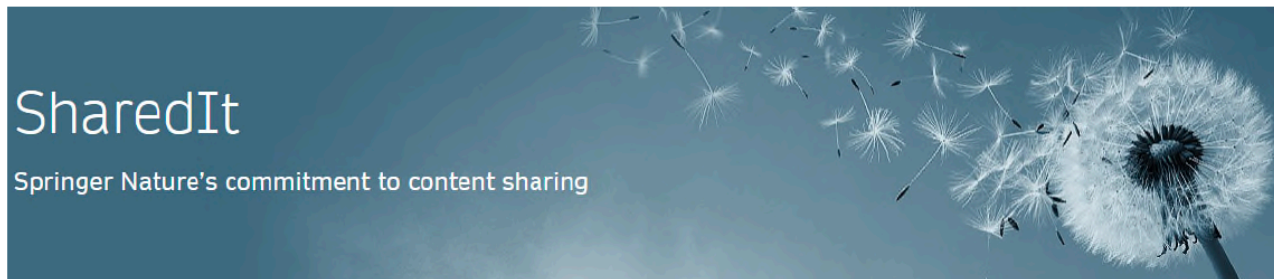
4.2 Top 10 Full-Text Article Requests 2018 (all publication years)

Title	Author	Volume	Issue	Year	Article Requests 2018
The interaction of ultra-low-frequency pc3-5 waves with charged particles in Earth's magnetosphere	Qiugang Zong et al.	1	1	2017	1,170
The magnetic Rayleigh–Taylor instability in solar prominences	Andrew Hillier	2	1	2018	954
State of the art in medical applications using non-thermal atmospheric pressure plasma	Hiromasa Tanaka et al.	1	1	2017	921
Towards universal plasma-enabled platform for the advanced nanofabrication: plasma physics level approach	O. Baranov et al.	2	1	2018	918
Nanocarbon materials fabricated using plasmas	Rikizo Hatakeyama	1	1	2017	882
Summary of magnetic fusion plasma physics in 1st AAPPs-DPP meeting	Jiangang Li et al.	2	1	2018	826
Above the weak nonlinearity: super-nonlinear waves in astrophysical and laboratory plasmas	Alexander E. Dubinov et al.	2	1	2018	692
Modern gyrokinetic formulation of collisional and turbulent transport in toroidally rotating plasmas	H. Sugama	1	1	2017	665
Kinetic instabilities in the solar wind driven by temperature anisotropies	Peter H. Yoon	1	1	2017	549
Coherent emission mechanisms in astrophysical plasmas	D. B. Melrose	1	1	2017	547

This slide excludes articles with unexplained peaks in downloads during the reporting period. Source: COUNTER Reporting / Business Warehouse.

4.5 Sharable Link

Springer Nature allowed shared link. I would like to encourage all Board members to upload shared link on your social media platforms. DPP will put this to DPP Web site.



Springer Nature wants researchers to share content easily and legally. Our Springer Nature SharedIt content-sharing initiative means that links to view-only, full-text subscription research articles can be posted anywhere - including on social media platforms, author websites and in institutional repositories - so researchers can share research with colleagues and general audiences.

Volume 1

Authors	Title	Article number	DOI	Sharable link
G. K. Park, et al	Shocks in collisionless plasmas	Rev. Mod. Plasma Phys. (2017) 1:1	DOI 10.1007/s41614-017-0003-4	https://rdcu.be/bGrqr
P. Kaw	Nonlinear laser–plasma interactions [Chandrasekhar Lecture]	Rev. Mod. Plasma Phys. (2017) 1:2	DOI 10.1007/s41614-017-0005-2	https://rdcu.be/bGrq0
H. Tanaka, et al.	State of the art in medical applications using non-thermal atmospheric pressure plasma	Rev. Mod. Plasma Phys. (2017) 1:3	DOI 10.1007/s41614-017-0004-3	https://rdcu.be/bGrqb
P. H. Yoon	Kinetic instabilities in the solar wind driven by temperature anisotropies	Rev. Mod. Plasma Phys. (2017) 1:4	DOI 10.1007/s41614-017-0006-1	https://rdcu.be/bGrrE
D. B. Melrose	Coherent emission mechanisms in astrophysical plasmas [Chandrasekhar Lecture]	Rev. Mod. Plasma Phys. (2017) 1:5	DOI 10.1007/s41614-017-0007-0	https://rdcu.be/bGrmY
S. Ichimaru	Phase transitions, interparticle correlations, and elementary processes in dense plasmas [Chandrasekhar Lecture]	Rev. Mod. Plasma Phys. (2017) 1:6	DOI 10.1007/s41614-017-0008-z	https://rdcu.be/bGrsf
R. Hatakeyama	Nanocarbon materials fabricated using plasmas	Rev. Mod. Plasma Phys. (2017) 1:7	DOI 10.1007/s41614-017-0009-y	https://rdcu.be/bGrtn
A. Sen	Obituary: Predhiman Krishan Kaw	Rev. Mod. Plasma Phys. (2017) 1:8	DOI 10.1007/s41614-017-0012-3	https://rdcu.be/bGrTG
H. Sugama	Modern gyrokinetic formulation of collisional and turbulent transport in toroidally rotating plasmas	Rev. Mod. Plasma Phys. (2017) 1:9	DOI 10.1007/s41614-017-0010-5	https://rdcu.be/bGrua
Q. Zong et al.	The interaction of ultra-low-frequency pc3-5 waves with charged particles in Earth's magnetosphere	Rev. Mod. Plasma Phys. (2017) 1:10	DOI 10.1007/s41614-017-0011-4	https://rdcu.be/bGryg

Volume 2

A. Hillier	The magnetic Rayleigh–Taylor instability in solar prominences	Rev. Mod. Plasma Phys. (2018) 2:1	DOI 10.1007/s41614-017-0013-2	https://rdcu.be/bYIZi
A.E. Dubinov, et al	Above the weak nonlinearity: super-nonlinear waves in astrophysical and laboratory plasmas	Rev. Mod. Plasma Phys. (2018) 2:2	DOI 10.1007/s41614-018-0014-9	https://rdcu.be/bYIZd
J. Li, et al	Summary of magnetic fusion plasma physics in 1st AAPPS-DPP meeting	Rev. Mod. Plasma Phys. (2018) 2:3	DOI 10.1007/s41614-018-0015-8	https://rdcu.be/bYIYQ
O. Baranov, et al	Towards universal plasma-enabled platform for the advanced nanofabrication: plasma physics level approach	Rev. Mod. Plasma Phys. (2018) 2:4	DOI 10.1007/s41614-018-0016-7	https://rdcu.be/bYIYo
F. Chen, et al.	Recent progress in Asia-Pacific solar physics and astrophysics	Rev. Mod. Plasma Phys. (2018) 2:5	DOI 10.1007/s41614-018-0017-6	https://rdcu.be/bYIYj
A. Sen	Summary of basic plasma physics sessions at the first Asia Pacific Plasma Conference, 2017	Rev. Mod. Plasma Phys. (2018) 2:6	DOI 10.1007/s41614-018-0018-5	https://rdcu.be/bYIX6
D. Moseev, et al.	Recent progress in fast-ion diagnostics for magnetically confined plasmas	Rev. Mod. Plasma Phys. (2018) 2:7	DOI 10.1007/s41614-018-0019-4	https://rdcu.be/bYIXV
Z.M. Sheng	Summary of laser plasma physics sessions at the first AAPPS-DPP conference	Rev. Mod. Plasma Phys. (2018) 2:8	DOI 10.1007/s41614-018-0020-y	https://rdcu.be/bYIXH
D.F. Escande et al	Basic microscopic plasma physics from N-body mechanics - A tribute to Pierre-Simon de Laplace	Rev. Mod. Plasma Phys. (2018) 2:9	DOI 10.1007/s41614-018-0021-x	https://rdcu.be/bYIXI

Volume 3

Y. Todo	Introduction to the interaction between energetic particles and Alfvén eigenmodes in toroidal plasmas	Rev. Mod. Plasma Phys. (2019) 3:1	DOI 10.1007/s41614-018-0022-9	https://rdcu.be/bYKqb
S. Fujita	Response of the magnetosphere–ionosphere system to sudden changes in solar wind dynamic pressure	Rev. Mod. Plasma Phys. (2019) 3:2	DOI 10.1007/s41614-019-0025-1	https://rdcu.be/bYKql
K. Takahashi	Helicon-type radiofrequency plasma thrusters and magnetic plasma nozzles	Rev. Mod. Plasma Phys. (2019) 3:3	DOI 10.1007/s41614-019-0024-2	https://rdcu.be/bYKqF
M. Xu et al	Summary of the fundamental plasma physics session in the first AAPPS-DPP conference	Rev. Mod. Plasma Phys. (2019) 3:4	DOI 10.1007/s41614-019-0028-y	https://rdcu.be/bYKqI
Z. Zhang et al	A review of the characterization and optimization of ablative pulsed plasma thrusters	Rev. Mod. Plasma Phys. (2019) 3:5	DOI 10.1007/s41614-019-0027-z	https://rdcu.be/bYKq2
D.R. Lev et al	Recent progress in research and development of hollow cathodes for electric propulsion	Rev. Mod. Plasma Phys. (2019) 3:6	DOI 10.1007/s41614-019-0026-0	https://rdcu.be/bYKq7
O. Baranov, et al	Direct current arc plasma thrusters for space applications: basic physics, design and perspectives	Rev. Mod. Plasma Phys. (2019) 3:7	DOI 10.1007/s41614-019-0023-3	https://rdcu.be/bYKri
J. Weiland et al	A. Drift wave theory for transport in tokamaks	Rev. Mod. Plasma Phys. (2019) 3:8	DOI 10.1007/s41614-019-0029-x	https://rdcu.be/bYKrm
M.Y. Tanaka	Vortex in plasma	Rev. Mod. Plasma Phys. (2019) 3:9	DOI 10.1007/s41614-019-0031-3	https://rdcu.be/bITXi
Y. Feng et al	Dynamics and transport of magnetized two-dimensional Yukawa liquids	Rev. Mod. Plasma Phys. (2019) 3:10	DOI 10.1007/s41614-019-0032-2	https://rdcu.be/bITXy
D. Kahnfeld et al	Numerical modeling of high efficiency multistage plasma thrusters for space applications	Rev. Mod. Plasma Phys. (2019) 3:11	DOI 10.1007/s41614-019-0030-4	https://rdcu.be/bYKrV
F. Taccogna et al	Latest progress in Hall thrusters plasma modelling	Rev. Mod. Plasma Phys. (2019) 3:12	DOI 10.1007/s41614-019-0033-1	https://rdcu.be/bITXF
G. Manfredi et al	Phase-space modeling of solid-state plasmas	Rev. Mod. Plasma Phys. (2019) 3:13	DOI 10.1007/s41614-019-0034-0	https://rdcu.be/bYKsa
R. Keppens et al	Ideal MHD instabilities for coronal mass ejections: interacting current channels and particle acceleration	Rev. Mod. Plasma Phys. (2019) 3:14	DOI 10.1007/s41614-019-0035-z	https://rdcu.be/bITXP
Y. Ding et al	Extending service life of hall thrusters: recent progress and future challenges	Rev. Mod. Plasma Phys. (2019) 3:15	DOI 10.1007/s41614-019-0036-y	https://rdcu.be/bITYt

Volume 4

J. Hong et al	Plasma-digital nexus: plasma nanotechnology for the digital manufacturing age	Rev. Mod. Plasma Phys. (2020) 4:1	DOI 10.1007/s41614-019-0039-8	https://rdcu.be/bITX4
Y. Ebihara et al	Evolution of auroral substorm as viewed from MHD simulations: dynamics, energy transfer and energy conversion	Rev. Mod. Plasma Phys. (2020) 4:2	DOI 10.1007/s41614-019-0037-x	https://rdcu.be/bITYe
H. Saleem et al	Theoretical models for unstable IAWs and nonlinear structures in the upper ionosphere	Rev. Mod. Plasma Phys. (2020) 4:3	DOI 10.1007/s41614-019-0038-9	https://rdcu.be/bITYj