

HIGHLIGHTS OF THE JNC BOARD MEETING: SEPTEMBER 13, 2019

The JNC editorial board meeting was held on September 13, 2019, during the 2019 ASNC Annual Meeting in Chicago, IL; it was anything but an unlucky Friday the 13th!

The meeting was well attended and confirmed beyond a doubt the central role of the Journal, not only as the official publication of the ASNC, but also as the main source of new and relevant, diverse information (Figure 1). We have managed to keep the review process short (Figure 2), despite the increased number of submissions (Figure 3). The increased volume of submissions has led, naturally, to a larger number of pages in each printed issue (Figure 4). The production time (accept to Online First) has decreased over the past 5 years to less than 20 days (Figure 5). The number of submissions from outside the US is now greater than those from within the US (Figure 6), which is a testimony to the wisdom of our prior leadership's decision to not include "American" in the Journal's name. Through the tireless efforts of ASNC leaders, we are also seeing its membership change, from a majority-US to more international (Figure 7).

The impact factor continues to improve (4.112 in the 2018 JCR release) (Figures 8), as does the number of downloads (>380,000 in 2018) (Figure 9). The most

downloaded articles are shown in Figures 10, 11, and the most-cited articles during the 2018 Impact Factor window are shown in Figures 12, 13. The Publisher's memorandum of understanding with the Projekt DEAL group in Germany—along with their existing transformative agreements—is another step in the right direction as it allows authors to publish Open Access at no cost to the author (Figure 14). The power point slides are now regular features of almost all original and review articles (Figures 15, 16) (in this very issue of the JNC, I highlight all of our 2018 papers which were accompanied by PPT slidesets¹).

The audio recordings are now of higher quality, as we have managed to improve and simplify the recording method (Figures 16, 17); the *JNC/ASNC Podcast* is available on SoundCloud, Spotify, iTunes, and many other podcast platforms—please do subscribe! Our social media committee is very active in their promotional engagement (Figure 18), especially via Twitter, where you can follow us on *@JNCjournal*. In this issue of JNC, Niti Aggarwal provides a summary of the impact of social media on medical publishing, the efforts that she and the social media committee have made, and also shared a short guide on how to get started with Twitter.²

We have previously written about the new named Awards (we now have a total of 5), and our Award

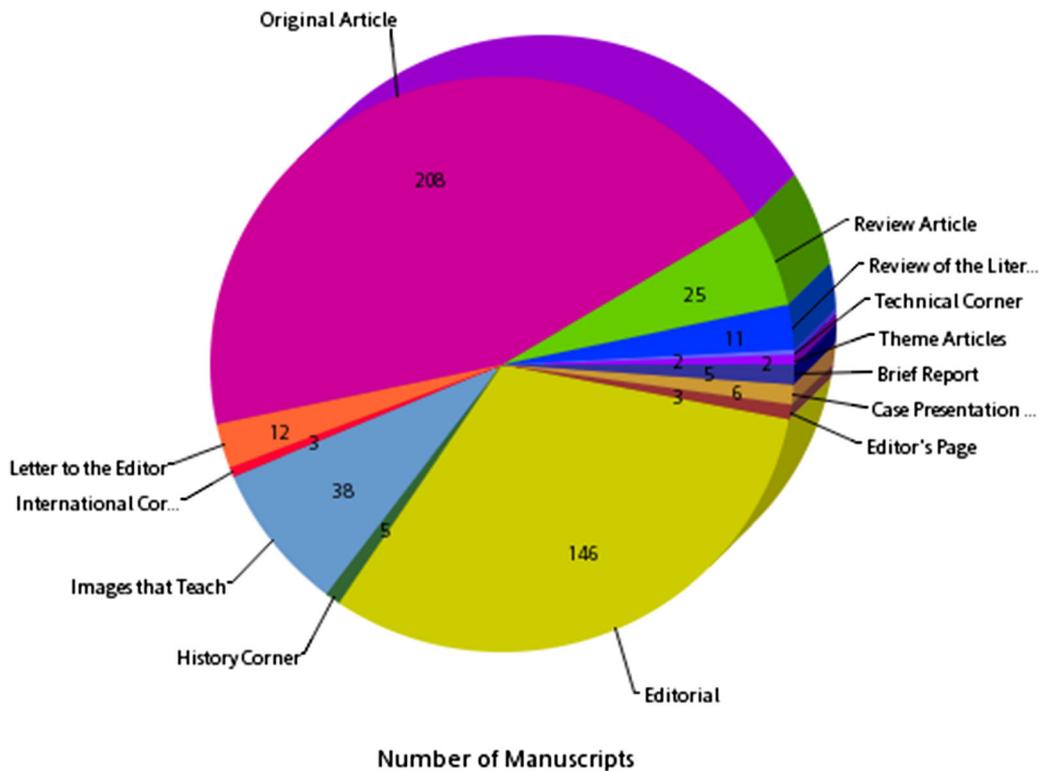


Figure 1. The various types of papers received by JNC during past 12 months.

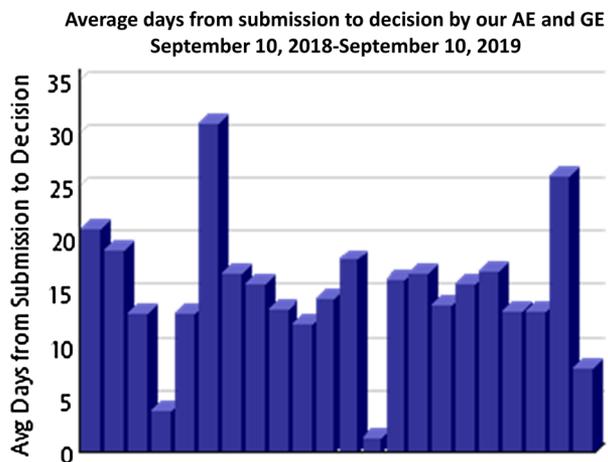


Figure 2. The average days from submission to decision by each associate and guest editor during the past year (names not shown).

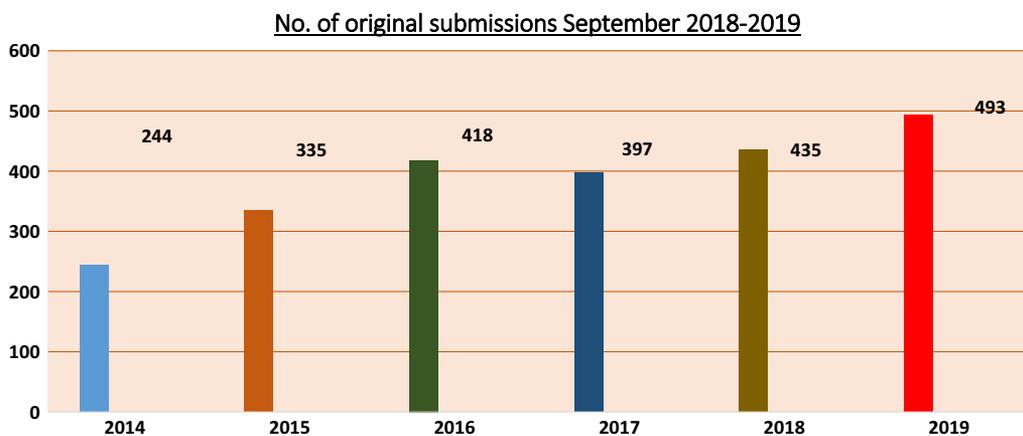


Figure 3. The number of original submissions during a 12-month period in the last 6 years.

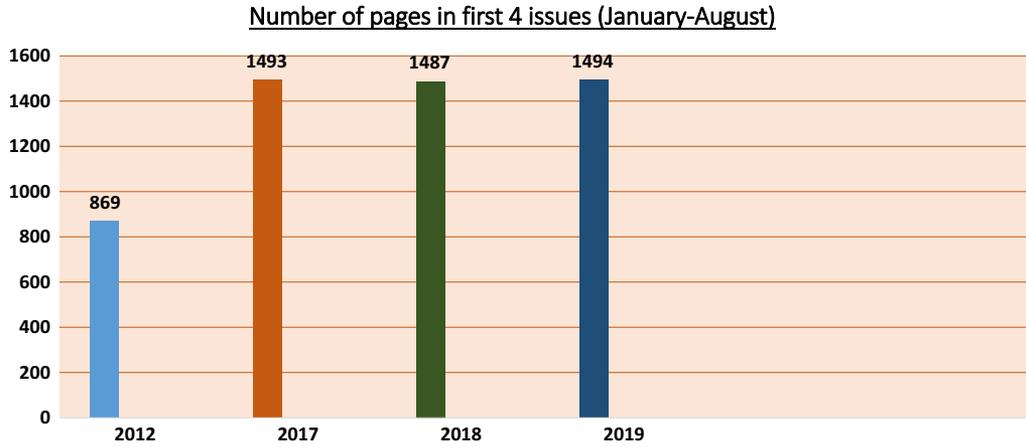


Figure 4. The number of pages in first 4 issues (January-August) during the last 4 years.

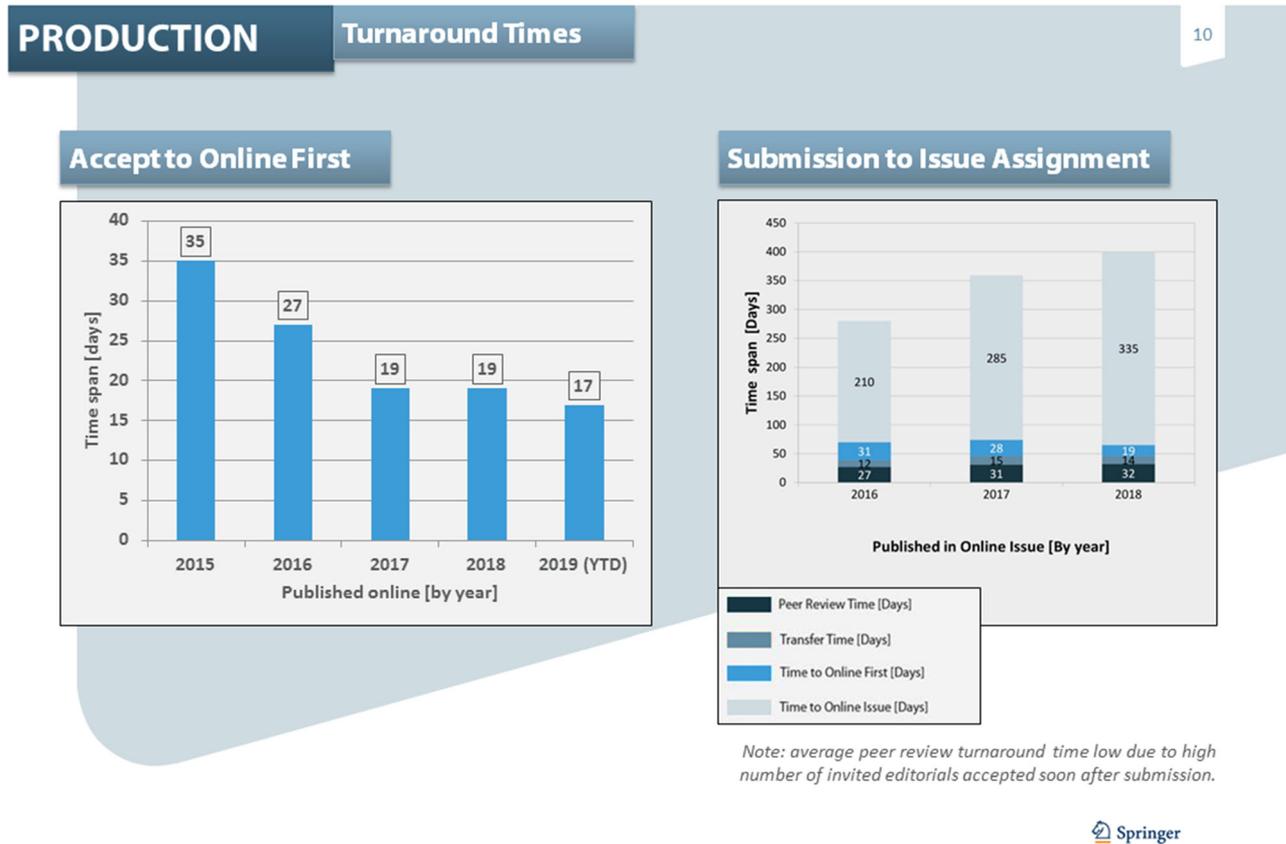
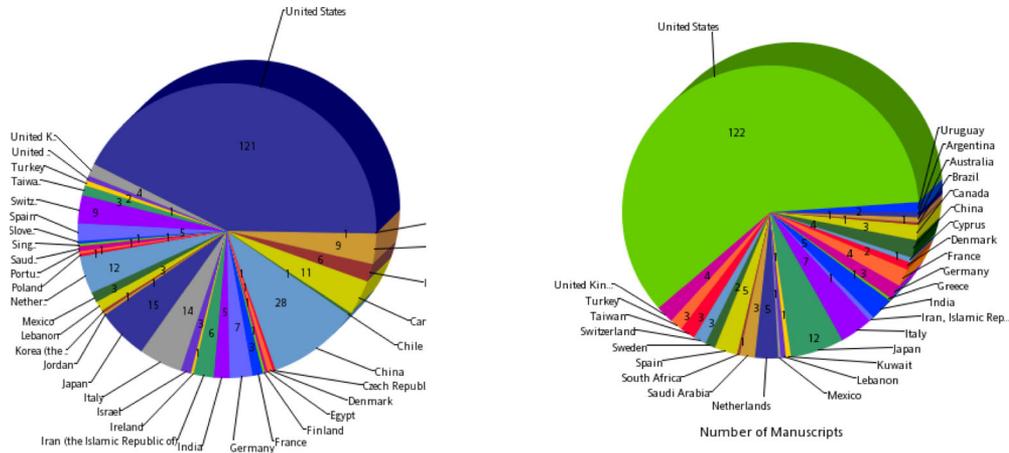


Figure 5. The production turnaround time in the past 5 years and the submission to issue assignment.

Manuscript by Country

September 10, 2018-2019

September 10, 2014-2015



1st issue, 1994= 10/12 papers from USA, 1 from Japan and 1 from Italy

Figure 6. The number of manuscripts received during the 12 month periods leading up to September 2019, and September 2015. Lately, more papers are received from outside of the United States than from US-based authors. In the first ever issue of the JNC, just two of the twelve published papers were from outside of the US.

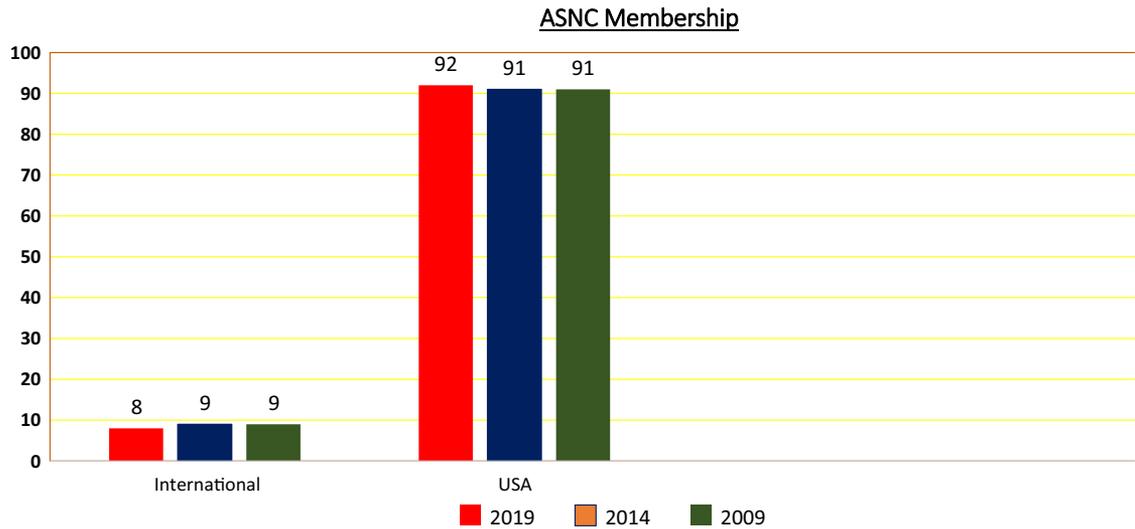


Figure 7. The membership of ASNC during 3 periods; > 90% are from United States.

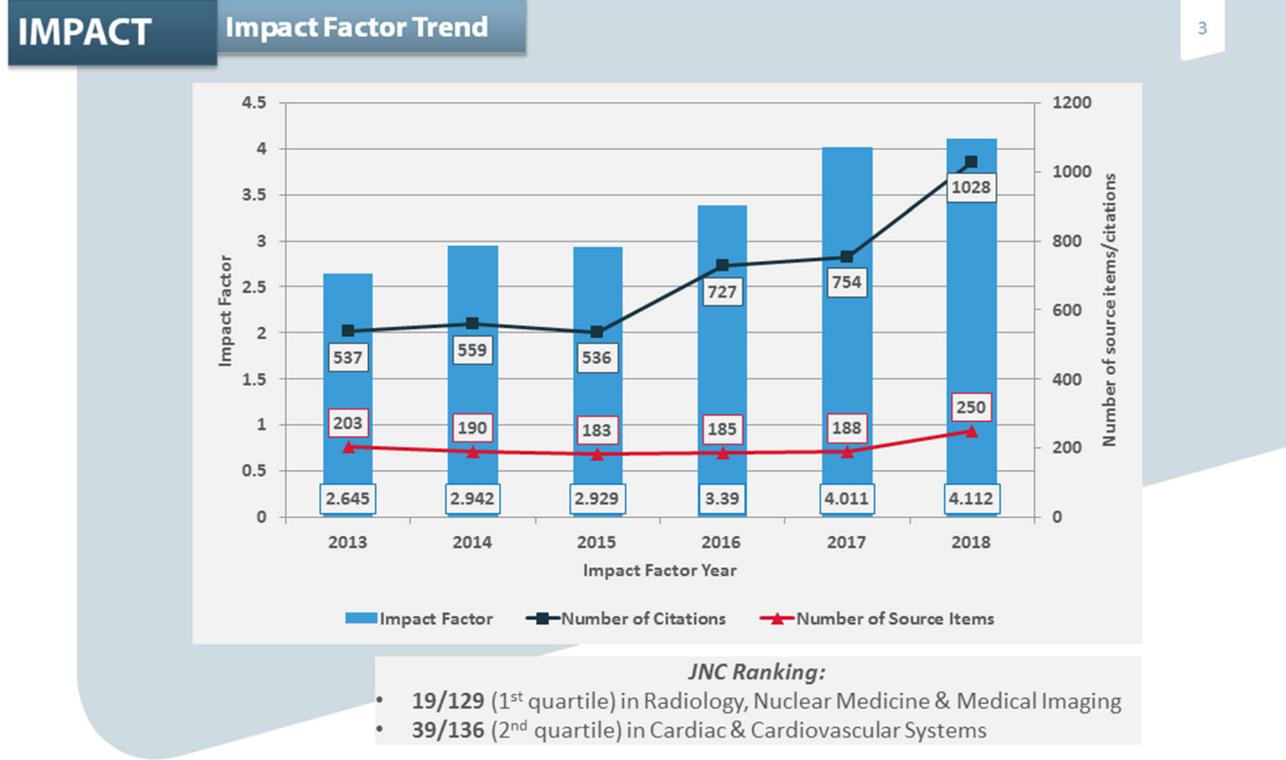
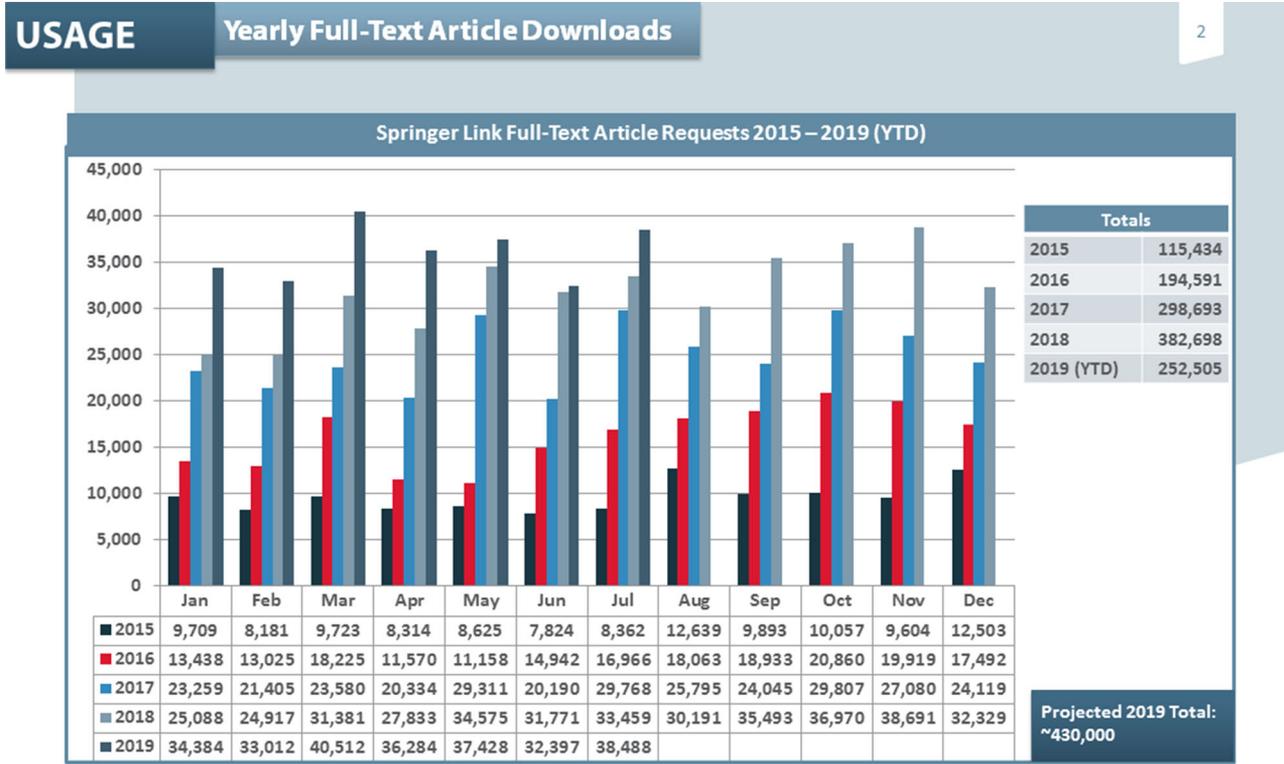


Figure 8. The steady rise in impact factor of JNC since 2013.



Source: COUNTER Reporting / Business Warehouse.



Figure 9. The number of downloads during 2015–2019.

USAGE		Most-downloaded Articles in 2018		
Title	Author	Article Type	Online First Date	DOI
Single Photon Emission Computed Tomography (SPECT) Myocardial Perfusion Imaging Guidelines: Instrumentation, Acquisition, Processing, and Interpretation	Sharmila Dorbala & R. Glenn Wells et al.	Guideline Paper	25/05/2018	10.1007/S12350-018-1283-Y
Intravenous caffeine: An alternative to aminophylline to reverse adverse effects during regadenoson myocardial perfusion imaging	Aaron F. Jolly & Gregory S. Thomas	Editorial	12/04/2016	10.1007/S12350-016-0484-5
ASNC imaging guidelines for nuclear cardiology procedures	Peter L. Tilkemeier & Richard L. Weinberg et al.	Guideline Paper	15/09/2017	10.1007/S12350-017-1057-Y
ASNC imaging guidelines for SPECT nuclear cardiology procedures: Stress, protocols, and tracers	Milena J. Henzlova & Hein J. Verberne et al.	Guideline Paper	25/02/2016	10.1007/S12350-015-0387-X
Guidelines in review: Comparison of the 2014 ACC/AHA guidelines on perioperative cardiovascular evaluation and management of patients undergoing noncardiac surgery and the 2014 ESC/ESA guidelines on noncardiac surgery: Cardiovascular assessment and management	Alejandro Velasco & Fadi G. Hage et al.	Editorial	22/08/2016	10.1007/S12350-016-0643-8
Clinical Quantification of Myocardial Blood Flow Using PET: Joint Position Paper of the SNMMI Cardiovascular Council and the ASNC	Venkatesh L. Murthy & James R. Corbett et al.	Guideline Paper	14/12/2017	10.1007/S12350-017-1110-X
Stress testing in patients with chronic kidney disease: The need for ancillary markers for effective risk stratification and prognosis	Sripal Bangalore	Editorial	22/08/2015	10.1007/S12350-015-0264-7
Reducing bias using propensity score matching	Charity J. Morgan	Editorial	03/08/2017	10.1007/S12350-017-1012-Y
Nuclear imaging of cardiac amyloidosis	Efstathia Andrikopoulou & Pradeep Bhambhani	Editorial	18/08/2017	10.1007/S12350-017-1028-3
ACC/AATS/AHA/ASE/ASNC/HRS/SCAI/SCCT/SCMR/STS 2017 Appropriate Use Criteria for Multimodality Imaging in Valvular Heart Disease	John U. Doherty & Prem Soman et al.	Guideline Paper	24/10/2017	10.1007/S12350-017-1070-1

USAGE		Most-downloaded Articles in 2018 (cont.)		
Title	Author	Article Type	Online First Date	DOI
Normal limits for transient ischemic dilation with 99mTc myocardial perfusion SPECT protocols	Piotr J. Slomka & Daniel Berman et al.	Editorial	28/06/2016	10.1007/S12350-016-0582-4
Comparison of ESC and ACC/AHA guidelines for the diagnosis and management of patients with stable coronary heart disease: Are the differences clinically relevant? An American perspective	Raymond J. Gibbon	Editorial	17/11/2017	10.1007/S12350-017-1125-3
ACC/AATS/AHA/ASE/ASNC/SCAI/SCCT/STS 2017 Appropriate Use Criteria for Coronary Revascularization in Patients With Stable Ischemic Heart Disease	Manesh R. Patel & Peter K. Smith et al.	Guideline Paper	12/06/2017	10.1007/S12350-017-0917-9
Dipyridamole reversal using theophylline during aminophylline shortage	Nils P. Johnson & K. Lance Gould	Letter to the Editor	23/08/2011	10.1007/S12350-011-9445-1
Methods for evaluating the agreement between diagnostic tests	Charity J. Morgan & Inmaculada Aban	Editorial	21/05/2015	10.1007/S12350-015-0175-7
Comparison of ESC and ACC/AHA guidelines for myocardial revascularization	Jim Stirrup & Eliana Reyes et al.	Review Article	21/02/2017	10.1007/S12350-017-0811-5
Joint SNMMI–ASNC expert consensus document on the role of 18F-FDG PET/CT in cardiac sarcoid detection and therapy monitoring	Panithaya Chareonthatawee & Ron Blankstein et al.	Guideline Paper	02/08/2017	10.1007/S12350-017-0978-9
Guidelines in review: Comparison of ESC and AHA guidance for the diagnosis and management of infective endocarditis in adults	David J. Murphy & Eliana Reyes et al.	Review Article	19/06/2018	10.1007/S12350-018-1333-5
ASNC imaging guidelines/SNMMI procedure standard for positron emission tomography (PET) nuclear cardiology procedures	Vasken Dilisizian & Mark I. Travin et al.	Guideline Paper	08/07/2016	10.1007/S12350-016-0522-3
Aminophylline and caffeine for reversal of adverse symptoms associated with regadenoson SPECT MPI	Jesse A. Doran & Ronald G. Schwartz et al.	Original Article	29/03/2016	10.1007/S12350-016-0452-0

Figure 10–11. Most downloaded articles during 2018.

IMPACT		Most-cited Articles for 2018 IF			
Title	Author	Article Type	Issue Date	DOI	
ASNC imaging guidelines for SPECT nuclear cardiology procedures: Stress, protocols, and tracers	Milena J. Henzlova & Hein J. Verberne et al.	Guideline Paper	JUN 2016	10.1007/s12350-015-0387-x	
ASNC imaging guidelines/SNMMI procedure standard for positron emission tomography (PET) nuclear cardiology procedures	Vasken Dilsizian & Mark I. Travin et al.	Guideline Paper	OCT 2016	10.1007/s12350-016-0522-3	
Patient preparation for cardiac fluorine-18 fluorodeoxyglucose positron emission tomography imaging of inflammation	Michael T. Osborne & Ron Blankstein et al.	Review Article	FEB 2017	10.1007/s12350-016-0502-7	
The effects of 18-h fasting with low-carbohydrate diet preparation on suppressed physiological myocardial F-18-fluorodeoxyglucose (FDG) uptake and possible minimal effects of unfractionated heparin use in patients with suspected cardiac involvement sarcoidosis	Osamu Manabe & Nagara Tamaki et al.	Original Article	APR 2016	10.1007/s12350-015-0226-0	
[18F]-NaF PET/CT imaging in cardiac amyloidosis	Axel Van Der Gucht & Thibaud Damy et al.	Images that Teach	AUG 2016	10.1007/s12350-015-0287-0	
F-18-FDG positron emission tomography/computed tomography in infective endocarditis	Soile Pauliina Salomäki & Ulla Hohenthal et al.	Original Article	FEB 2017	10.1007/s12350-015-0325-y	
Serial scanning with technetium pyrophosphate (Tc-99m-PYP) in advanced ATTR cardiac amyloidosis	Adam Castaño & Sabahat Bokhari et al.	Original Article	DEC 2016	10.1007/s12350-015-0261-x	
Myocardial perfusion imaging in women for the evaluation of stable ischemic heart disease-state-of-the-evidence and clinical recommendations	Viviany R. Taqueti & Lslee J. Shaw et al.	Guideline Paper	AUG 2017	10.1007/s12350-017-0926-8	
The prognostic value of regadenoson SPECT myocardial perfusion imaging in patients with end-stage renal disease	Rami Doukk & Amjad Ali et al.	Original Article	FEB 2017	10.1007/s12350-015-0303-4	
ACC/AATS/AHA/ASE/ASNC/SCAI/SCCT/STS 2017 Appropriate Use Criteria for Coronary Revascularization in Patients With Stable Ischemic Heart Disease	Manesh R. Patel & Peter K. Smith et al.	Guideline Paper	OCT 2017	10.1007/s12350-017-0917-9	

IMPACT		Most-cited Articles for 2018 IF (cont.)			
Title	Author	Article Type	Issue Date	DOI	
Measurement of absolute myocardial blood flow in humans using dynamic cardiac SPECT and Tc99m-tetrofosmin: Method and validation	Uttam Shrestha & Grant T. Gullberg et al.	Original Article	FEB 2017	10.1007/s12350-015-0320-3	
Simultaneous cardiac imaging to detect inflammation and scar tissue with F-18-fluorodeoxyglucose PET/MRI in cardiac sarcoidosis	Kento Wada & Yasuchika Takeishi et al.	Images that Teach	OCT 2016	10.1007/s12350-015-0348-4	
Comparison of phase dyssynchrony analysis using gated myocardial perfusion imaging with four software programs: Based on the Japanese Society of Nuclear Medicine working group normal database	Kenichi Nakajima & Ernest V. Garcia et al.	Original Article	APR 2017	10.1007/s12350-015-0333-y	
Optimization of a simultaneous dual-isotope Tl-201/I-123-MIBG myocardial SPECT imaging protocol with a CZT camera for trigger zone assessment after myocardial infarction for routine clinical settings: Are delayed acquisition and scatter correction necessary?	Emmanuel D'estanque & Denis Mariano-Goulart et al.	Original Article	AUG 2017	10.1007/s12350-016-0524-1	
18-kDa translocator protein ligand F-18-FEMPA: Biodistribution and uptake into atherosclerotic plaques in mice	Sanna Hellberg & Antti Saraste et al.	Original Article	JUN 2017	10.1007/s12350-016-0527-y	
American Society of Nuclear Cardiology and Society of Nuclear Medicine and Molecular Imaging Joint Position Statement on the Clinical Indications for Myocardial Perfusion PET	Timothy M. Bateman & David A. Wolinsky et al.	Guideline Paper	OCT 2016	10.1007/s12350-016-0626-9	
Prognostic impact of location and extent of vessel-related ischemia at myocardial perfusion scintigraphy in patients with or at risk for coronary artery disease	Francesco Nudi & Giuseppe Biondi-Zoccai	Original Article	APR 2016	10.1007/s12350-015-0077-8	
The role and clinical effectiveness of multimodality imaging in the management of cardiac complications of cancer and cancer therapy	Raymond R. Russell & Ronald G. Schwartz et al.	Guideline Paper	AUG 2016	10.1007/s12350-016-0538-8	
A promising carbon-11-labeled sphingosine-1-phosphate receptor 1-specific PET tracer for imaging vascular injury	Hongjun Jin & Zhude Tu et al.	Original Article	APR 2017	10.1007/s12350-015-0391-1	
Dose reduction in half-time myocardial perfusion SPECT-CT with multifocal collimation	Morgan C. Lyon & Stephen c. Moore et al.	Original Article	AUG 2016	10.1007/s12350-016-0471-x	

Figure 12–13. Most cited articles within the 2018 Impact Factor calculation.

DEVELOPMENTS

Compact Agreements

- **Allows authors to publish Open Access at no cost to the author**
- **Corresponding author must be from a participating institution – Compact Agreements currently in place in:**
 - UK
 - Sweden
 - Hungary
 - Qatar
 - Max Planck Group
 - The Netherlands
 - Austria
 - Poland
 - Finland
- **Article must be Original Article, Review Article, Brief Communication, CME Article**

Projekt DEAL – Germany – January 2020

- The final contract will run from 2020 to 2022 with an option to extend to 2023.
- Applies to all member institutions of Projekt DEAL (700+ publically and privately funded academic and research organisations in Germany)
- Covers all 600 Springer Nature OA journals and 1,900 hybrid journals – including *Journal of Nuclear Cardiology*
- More than 13,000 articles by German scholars and scientists are expected to be published open access per year through the agreement



Springer Nature whitepaper found that articles published Open Access - compared to non-OA articles – are:

- ✓ ... **downloaded** on average **1.6 times** more by users based at academic institutions and **four times** more by users overall
- ✓ ... **cited** an average of **1.6 times** more
- ✓ ... **mentioned** in the news **1.9 times** more (Altmetric scores are 2.5 times higher)

Figure 14. Compact agreement by Springer Nature and anticipated impact.

DEVELOPMENTS

PPT Slidedecks

Authors are asked to supplement their papers with concise, high quality and ready-to-use PPT slidedecks.

- **Enhances the visibility of the papers** when used as teaching tools in presentations at local, national and international meetings
- **Provide valuable personal teaching tools** – as both quick summaries after initial reading of the paper, or later on as a refresher item

The Nov-Dec 2019 issue will contain an item from Dr. Iskandrian reminding readers of all of the 2018 papers which were accompanied by PPT slidedecks (with 1-click links for ease-of-use).

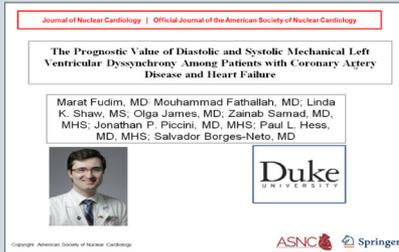
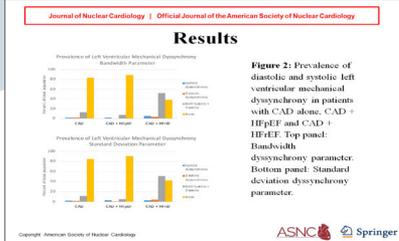



Figure 15. The power point slides that are now are regular features.

Audio recording:
Audio record ~ 5 min

A- Please mention your name, affiliation and the title of the paper

B- Please cover the following items:

- A summary of your study
- The new information
- The clinical implications
- The limitations
- What else needs to be done?

C- You may find the sound recorder (available in your computer) and a headset useful in providing a high-quality recording.

D- The audio recording will be used as a podcast. Please include the recording under original files titled "audio recording"



Figure 16. Our new audio recording platform.

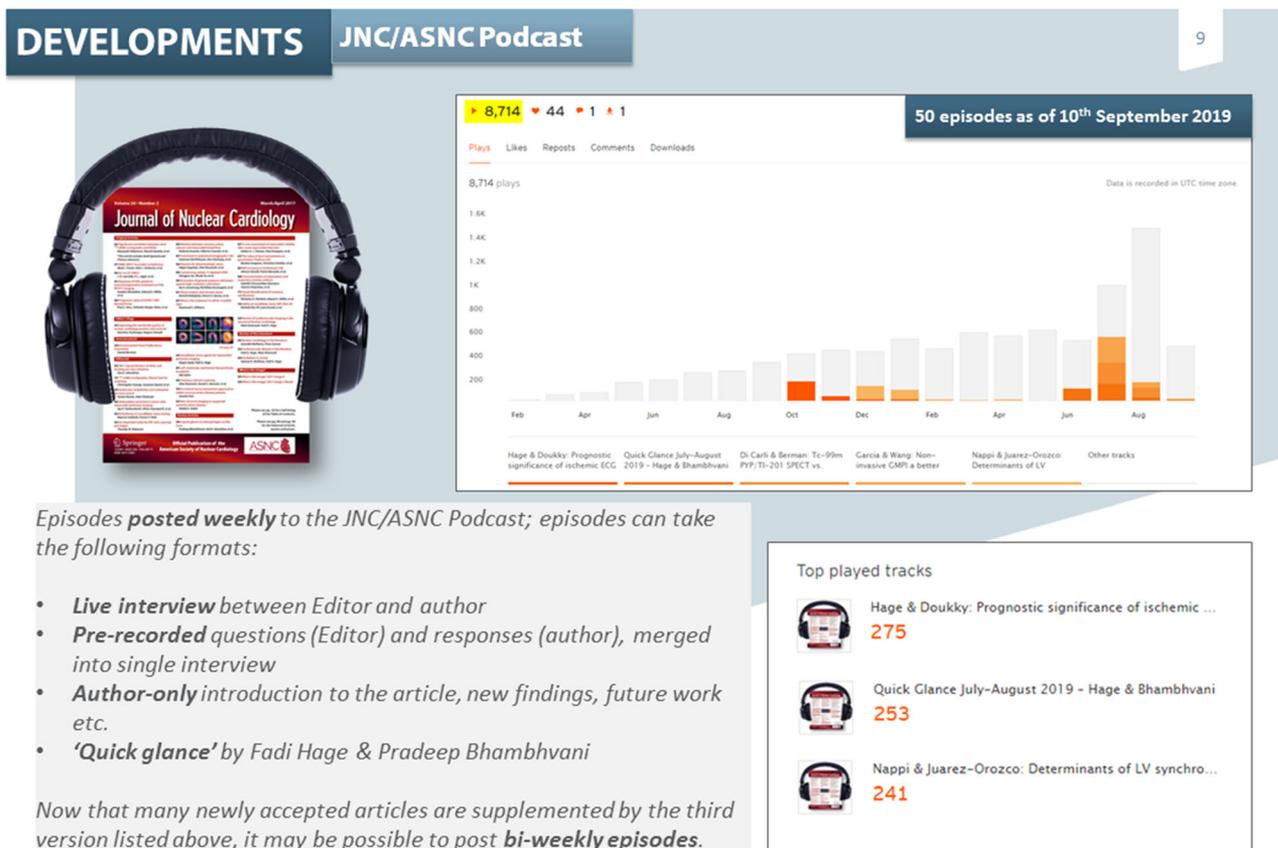


Figure 17. Podcast summary.

DEVELOPMENTS @JNCjournal 8

Journal of Nuclear Cardiology

An official journal of the American Society of Nuclear Cardiology



JNC

Journal of Nuclear Cardiology
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The Journal of Nuclear Cardiology is the official journal of the American Society of Nuclear Cardiology @MyASNC.

link.springer.com/journal/12350 Joined February 2019

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Journal of Nuclear Cardiology Retweeted

Journal of Nuclear Cardiology @JNCjournal · Jul 12

Myocardial infarction using a protocol for suppression of myocardial FDG uptake for inflammation #PET that is effective in 95% of patients, well suppressed myocardium should be below blood pool @Inweenberg @venkumurthy @umichCVC @CVNuc @MyASNC

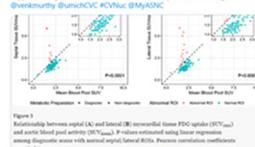


Figure 3

Relationship between septal (A) and lateral (B) myocardial (mean FDG uptake [FDG_{myo}]) and cardiac blood pool activity (FDG_{card}). P values estimated using linear regression among 40 patients were 0.001 septal and 0.001 lateral. Pearson correlation coefficients provided in text.

Journal of Nuclear Cardiology @JNCjournal · Jul 26

#JournalNC: bily2280c: Somatostatin receptor-targeted imaging with Dotatate vs FDG in cardiac sarcoidosis. #PET @mediscart @yobutale @fordblankstein @CVNuc @MyASNC

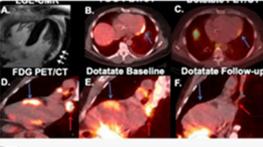


Figure 1

- Dedicated @JNCjournal Twitter account to promote original and review papers
- Authors provide suggested tweet text, which is then edited by the SM Editors
- Tweets sent out 2-3 times per week

Springer

Figure 18. Our social media group and activities.

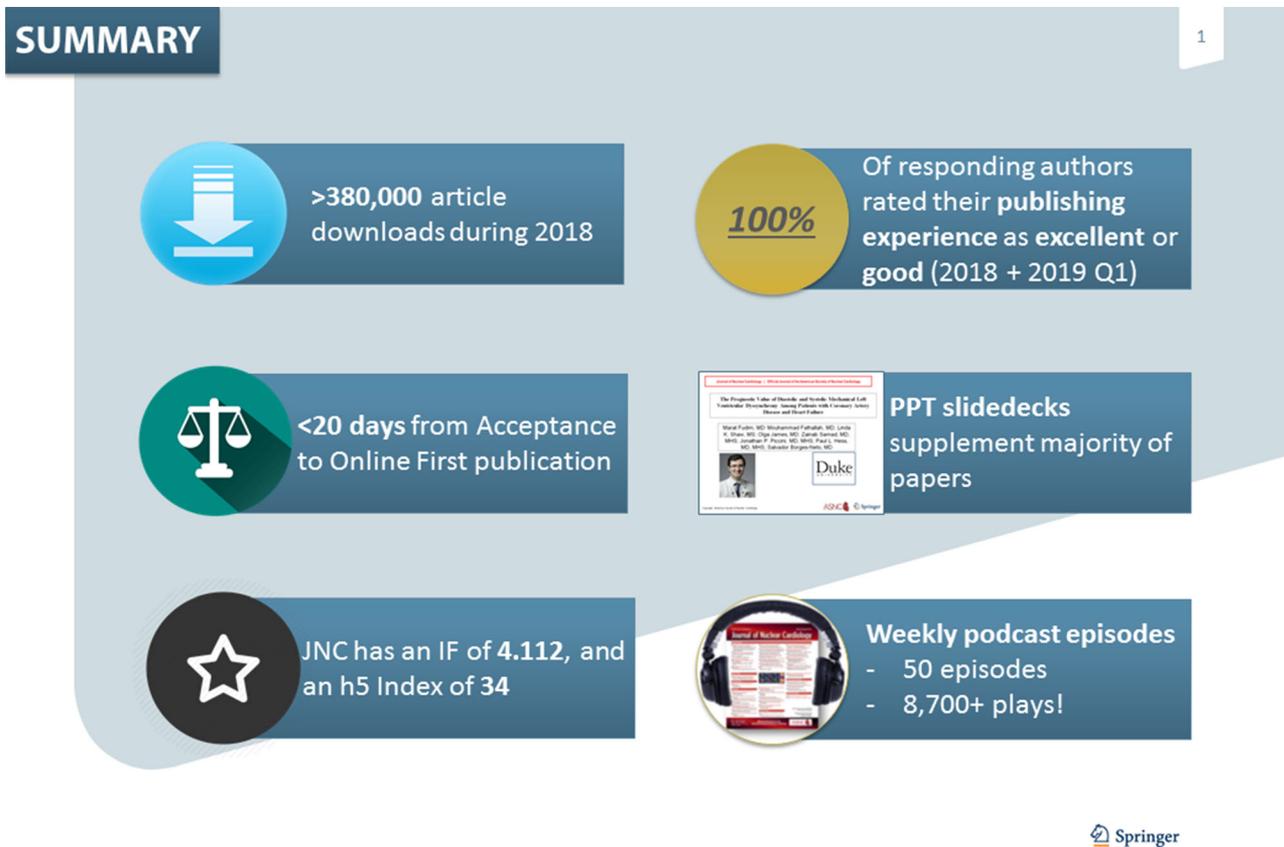


Figure 19. Summary.

committees deserve a big ‘thank you’ for selecting the best among the finest.

In summary, we are pleased with our accomplishments and hope you are too (Figure 19 contains a summary of our key achievements and metrics). None of these would have been possible without the support and dedication of Kristen Connell, PhD, Rob Beanlands, MD, Kathy Flood, Wendy Passerell, ASNC leadership and support staff, Ben Bishop and Springer Nature, JNC Board members, JNC Committees’ members, and, of course, our readership. To all, we say a big ‘thank you’ for entrusting us to be the stewards of your efforts and expertise.

Ami E. Iskandrian, MD, MASNC
Editor-in-Chief
On behalf of the Editors

References

- Iskandrian AE. PowerPoint slide sets from 2018. *J Nucl Cardiol.* 2019. <https://doi.org/10.1007/s12350-019-01853-2>.
- Aggarwal NR. JNC board meeting: social media endeavors and decoding twitter. *J Nucl Cardiol.* 2019. <https://doi.org/10.1007/s12350-019-01925-3>

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