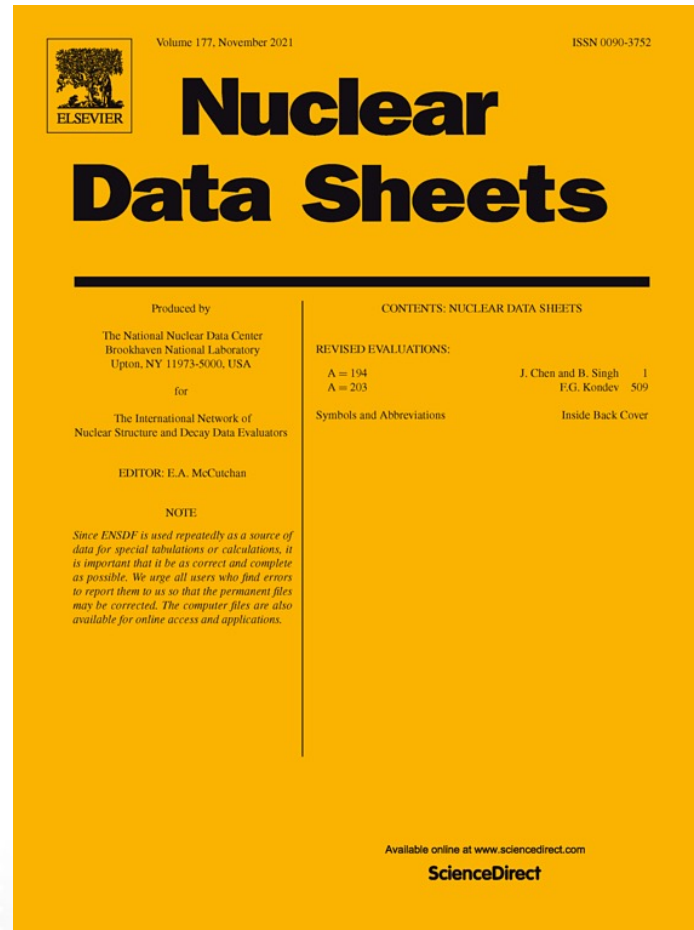


Nuclear Data Sheets Report



Last year was a struggle (from 2020 USNDP meeting)

Nuclear Data Sheets for A=105

Nuclear Data Sheets for A=98

Nuclear Data Sheets for A=90

Nuclear Data Sheets for A=205

Nuclear Data Sheets for A=212

S. Lalkovski, J. Timar, Z. Elekes

Jun Chen, Balraj Singh

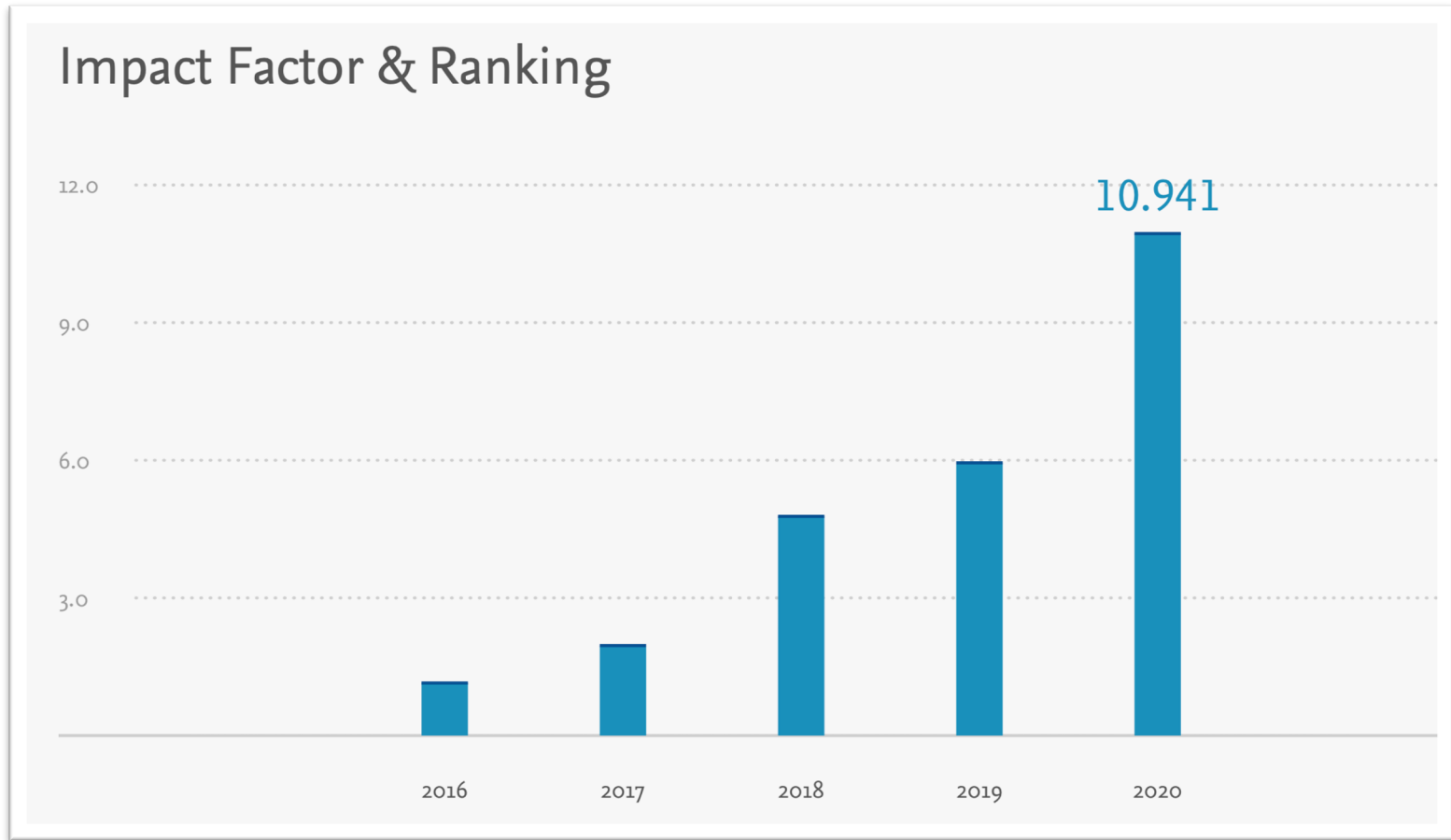
S.K. Basu, E.A. McCutchan

F.G. Kondev

K. Auranen, E.A. McCutchan

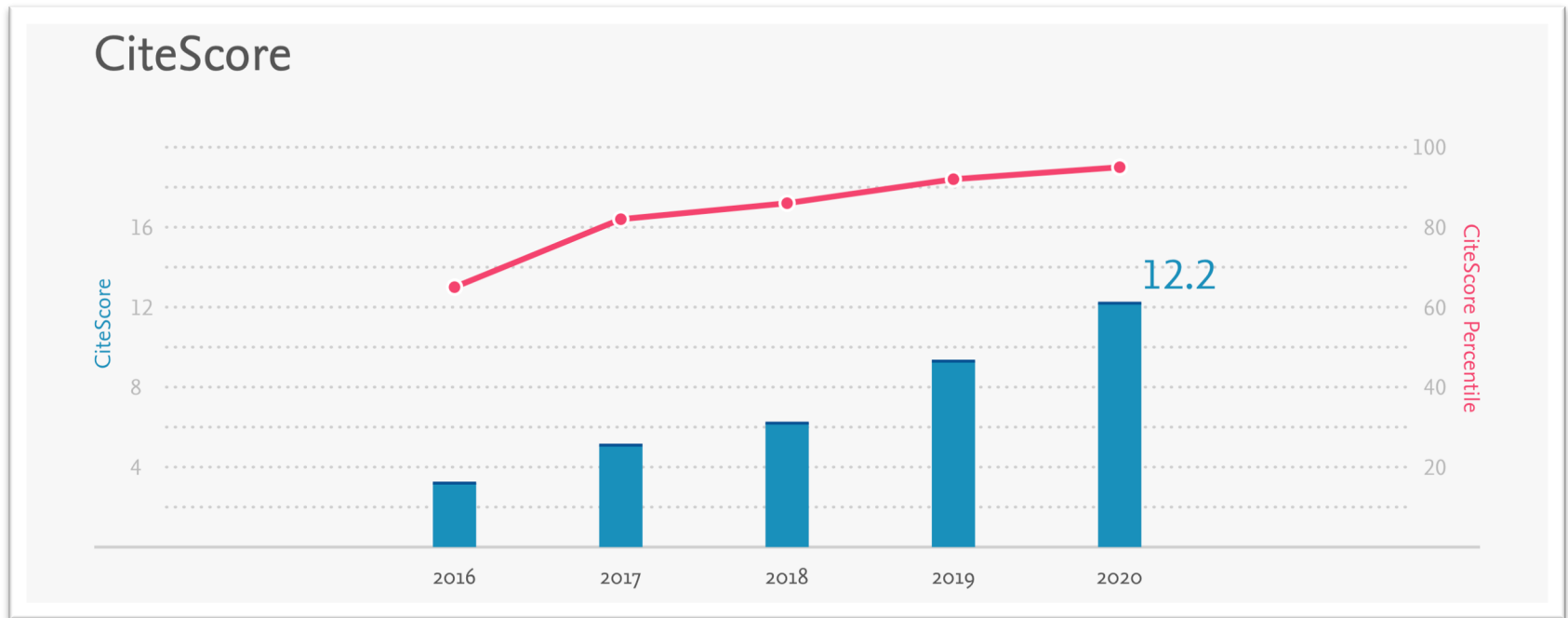
- November and December issue combined into single issue
- Traditional manuscript only issue
 - r_0 evaluation – S. Singh et al.,
 - ML for nuclear data evaluation – D. Neudecker et al.,
 - JSI TRIGA reactor neutron spectrum – V. Radulovic et al.,
 - Astrophysics reaction rates – B. Pritychenko

Impact factor is through the roof



- Metric of citations over previous 2 years
- Ranked #3 in NP and HE physics journals
- For comparison, Phys. Rev. Lett. IF = 9.2
- Enjoying it while it lasts ...

CiteScore is also growing



- Metric of citations over previous 5 years
- Ranked #4 in NP and HE physics journals

CiteScore Rankings

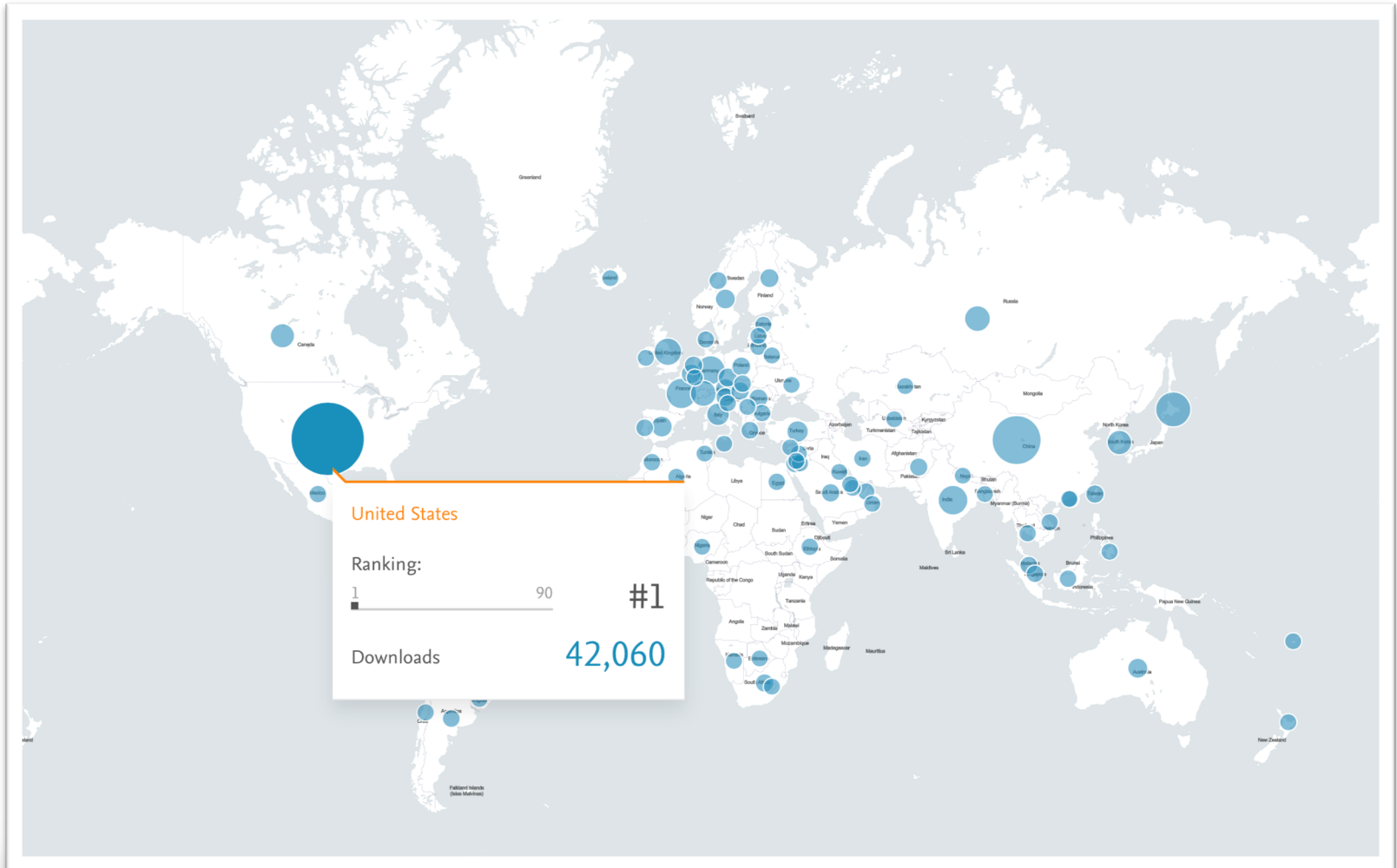
CiteScore rank ⓘ 2020



In category: Nuclear and High Energy Physics

★	#4 75	Nuclear Data Sheets	12.2	95th percentile
Rank		Source title	CiteScore 2020	Percentile
#1		Progress in Particle and Nuclear Physics	23.8	99th percentile
#2		Progress in Nuclear Magnetic Resonance Spectroscopy	16.5	98th percentile
#3		Annual Review of Nuclear and Particle Science	15.3	96th percentile
★	#4	Nuclear Data Sheets	12.2	95th percentile
#5		Journal of High Energy Physics	10.1	94th percentile
#6		Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	9.4	92nd percentile
#7		Computing and Software for Big Science	7.9	91st percentile
#8		Nuclear Fusion	6.8	90th percentile
#9		Physical Review C	5.9	88th percentile

Downloads Remain Constant



- Metric of downloads over previous 5 years
- USA, China, Japan make up top 3 with 16,000 downloads/year

Doubled the Mass Chain Publications

Nuclear Data Sheets for A=190

Nuclear Data Sheets for A=153

Nuclear Data Sheets for A=233

Nuclear Data Sheets for A=23

Nuclear Data Sheets for A=100

Nuclear Data Sheets for A=252

Nuclear Data Sheets for A=123

Nuclear Data Sheets for A=214

Nuclear Data Sheets for A=219

Nuclear Data Sheets for A=160

Balraj Singh, Jun Chen

Ninel Nica

B. Singh, J. Tuli, E. Browne

S. Basuna, A. Chakraborty

Balraj Singh, Jun Chen

A. Mattera, S. Zhu, A.B. Hayes, E.A. McCutchan

Jun Chen

S. Zhu, E.A. McCutchan

Balraj Singh et al.,

Ninel Nica

Also

Review and Evaluation of the Spontaneous Fission Half-lives
of ^{238}Pu , ^{240}Pu , and ^{242}Pu and the Corresponding Specific Fission Rates

Special Issue

7 articles
Dedicated to Cecil Lubitz



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Major Change

- The Special Issue has been an important addition to NDS
- Special Issue papers are what are responsible for majority of citations
- But ... no one reads an entire printed issue anymore
- As of FY22 we will discontinue the “Special Issue” as a separate issue
- We will accept “Special Issue” articles throughout the year and publish as they are submitted/refereed/accepted

