

2022 achievements:

200,000+ unique page visits (+22%)

29,000 analyses (+54%)

2,500 newly stored type-strain genomes (+16%)

4,500+ active users (+57%)

15M genome comparisons (+42%)

1,000+ citations so far (+400)



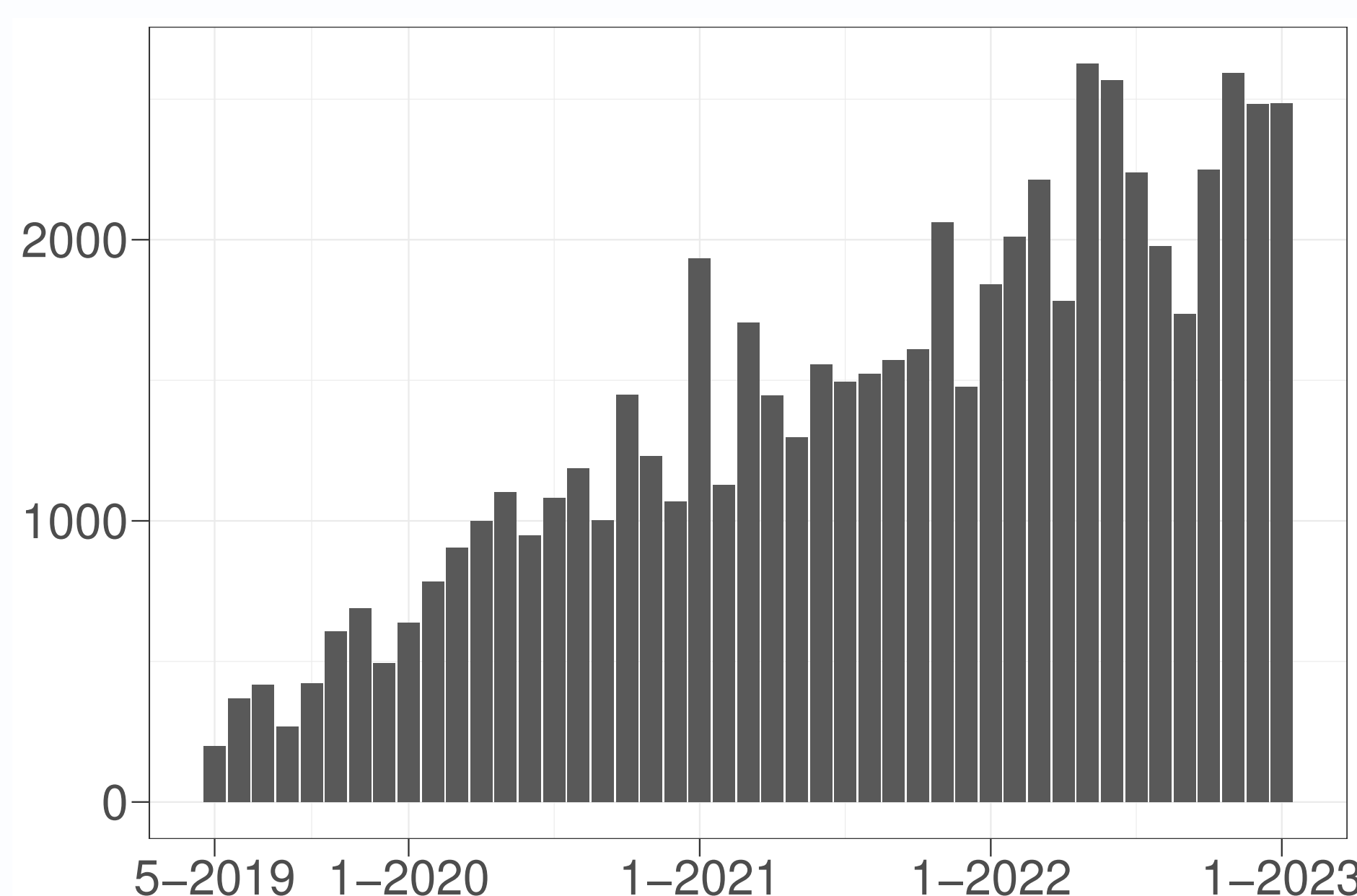
EST. 2019

TYGS 2022 Year in Review

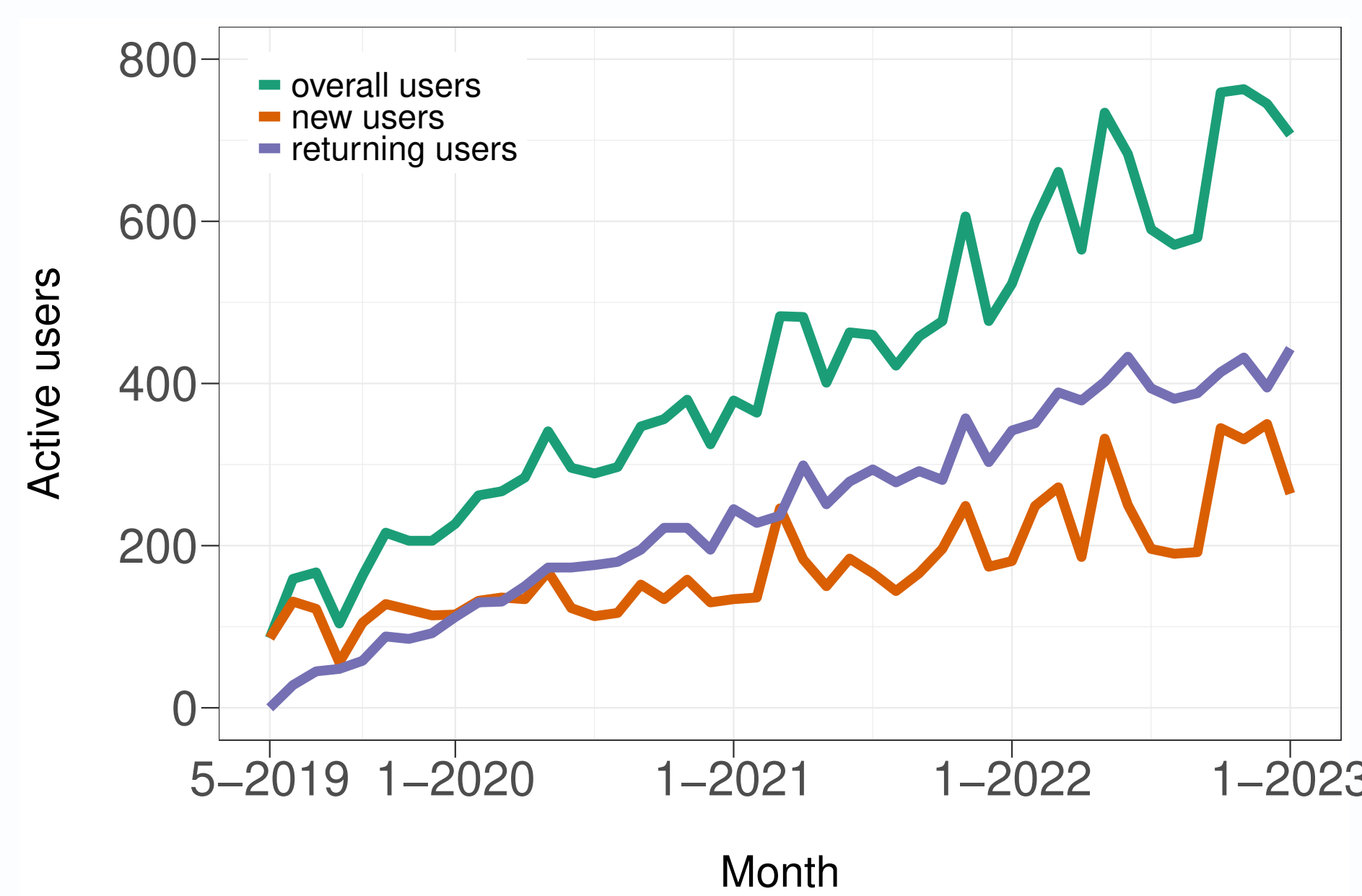
DSMZ platform for automated genome-based taxonomy in numbers

Jan Meier-Kolthoff

Monthly job submissions



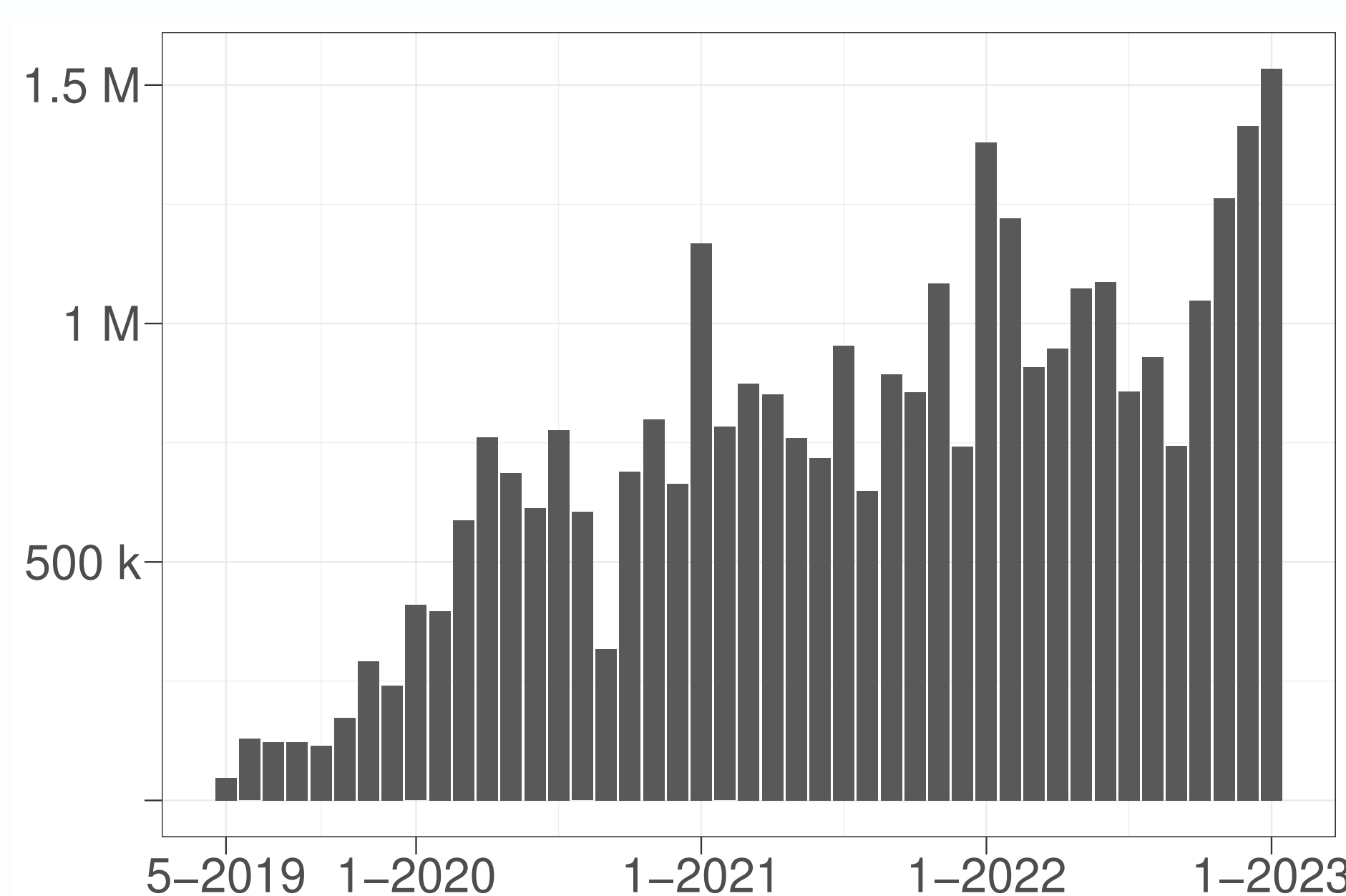
New vs. returning users



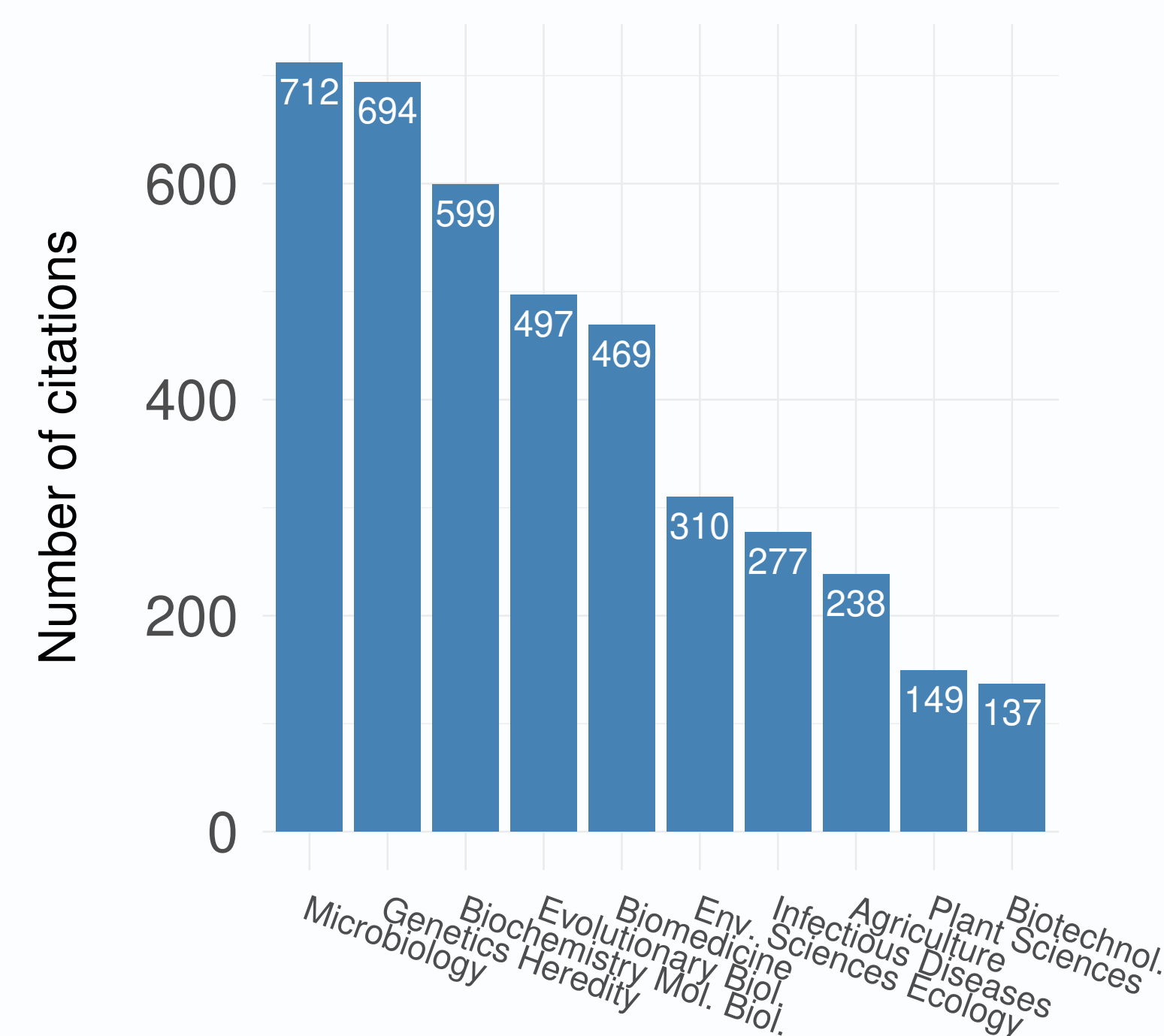
Ten most frequent locations of TYGS users



Genome comparisons



Citations by research fields

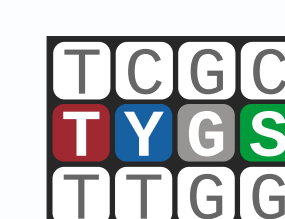
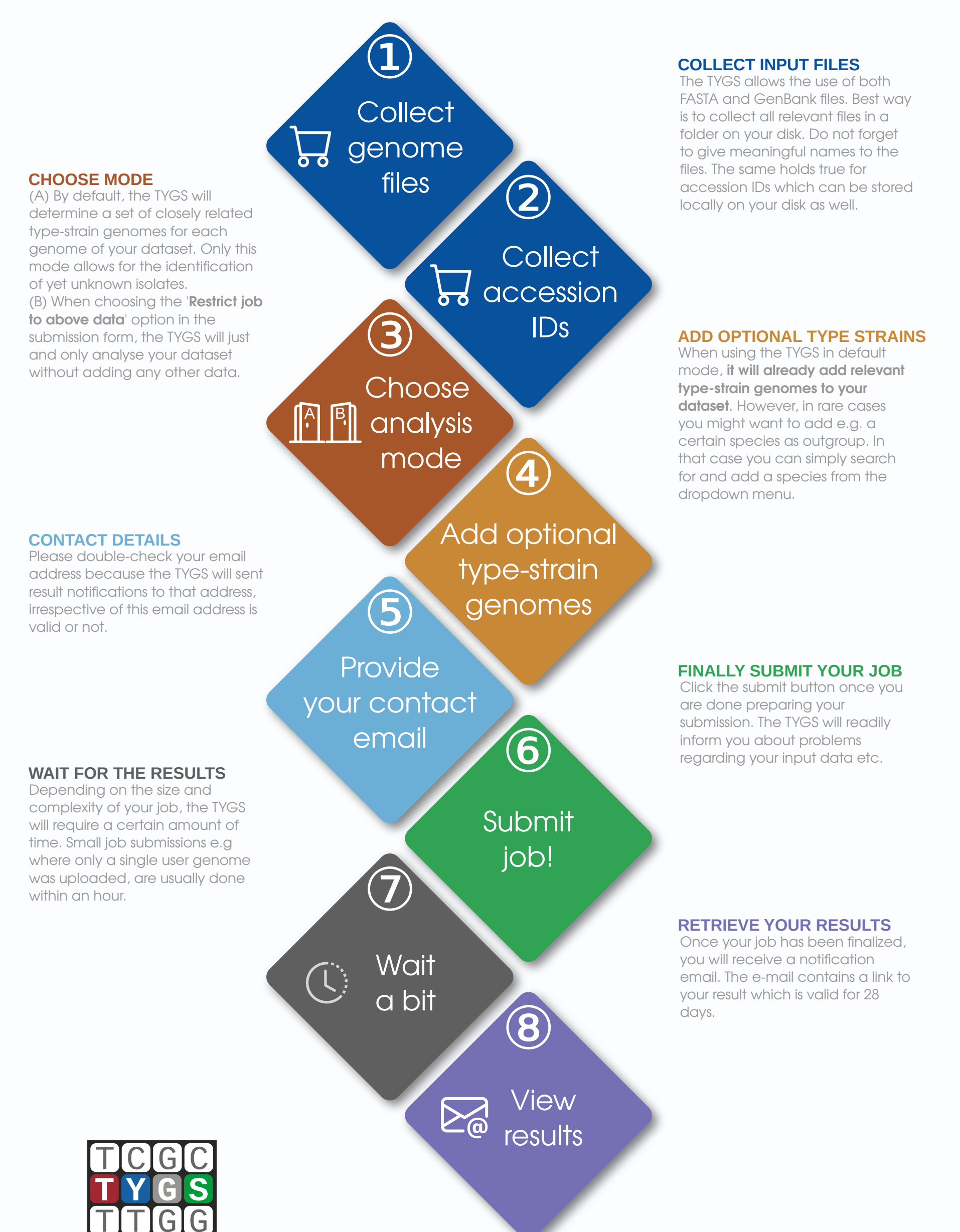


Major achievements and updates in 2022

- ⊕ Both the 2019 TYGS original paper and its 2022 update paper in NAR (please find citations in footer) are still placed in the top 1% of the academic field of *Microbiology* based on the Web of Science (tm) 'highly cited' threshold.
- ⊕ The TYGS original study has passed 1,000 citations according to Google Scholar.
- ⊕ The TYGS has passed the milestone of 60,000 successfully delivered analyses.
- ⊕ The upload cap for genome submissions was increased from 20 to now 50.
- ⊕ Many non-visible technical improvements were deployed to e.g. accelerate job processing.

How to use the TYGS

A few small steps stand between you and your TYGS results




TYPE (STRAIN)
GENOME SERVER

<https://tygs.dsmz.de>
Nat. Commun. 10, 2182 (2019)
Nucleic Acids Res. 50, D801–D807 (2022)

Questions? Contact us via
<https://tygs.dsmz.de/feedback/new>

