

# Cosmology/Astrophysics News



Boeing rocket

May 2024 for Rose City Astronomers SIG

<http://101iq.com/RCA>

# Nature – May 2, 2024

- Galaxy found napping in the primordial Universe
  - <https://www.nature.com/articles/d41586-024-01023-6>
- A recently quenched galaxy 700 million years after the Big Bang
  - <https://www.nature.com/articles/s41586-024-07227-0>
- A magnetar giant flare in the nearby starburst galaxy M82
  - <https://www.nature.com/articles/s41586-024-07285-4>

# Science – May 3, 2024

- No cosmology/astrophysics this issue.

# Nature – May 9, 2024

- Forget little green men: Alien life might be purple
  - <https://www.iflscience.com/forget-little-green-men-alien-life-is-probably-mostly-purple-73920>
- What China's mission to collect rocks from the Moon's far side could reveal
  - <https://www.nature.com/articles/d41586-024-01056-x>
- Dark energy is tearing the universe apart. But what if it's weakening?
  - <https://www.nature.com/articles/d41586-024-01273-4>
- Venus water loss is dominated by HCO dissociative recombination
  - <https://www.nature.com/articles/s41586-024-07261-y>

# Science – May 10, 2024

- Isotopic evidence of long-lived volcanism on Io
  - <https://arxiv.org/pdf/2405.18595>

# Nature – May 16, 2024

- No cosmology/astrophysics this issue

# Science – May 17, 2024

- NSF halts South Pole probe of cosmic inflation
  - <https://www.science.org/content/article/nsf-halts-south-pole-megaproject-to-probe-infant-cosmos-growth-spurt>

# Nature – May 23, 2024

- Dazzling auroras are just a warm-up as more solar storms are likely, scientists say
  - <https://www.nature.com/articles/d41586-024-01432-7>
- Why the European Space Agency should join the US mission to Uranus
  - <https://www.nature.com/articles/d41586-024-01470-1>
- Instability could explain the Sun's curious cycle
  - <https://www.nature.com/articles/d41586-024-01357-1>
- The solar dynamo begins near the surface
  - <https://www.nature.com/articles/s41586-024-07315-1>



# Science – May 24, 2024

- Astronomers find long-missing dwarf galaxies – too many of them
  - <https://www.science.org/content/article/astronomers-find-long-missing-dwarf-galaxies-too-many-them>
- A struggle to reionize the Universe?
  - <https://www.science.org/doi/10.1126/science.adp5153>
- Strong damped Lyman-alpha absorption in young star-forming galaxies at redshifts 9 to 11
  - <https://www.science.org/doi/10.1126/science.adj0343>

# Nature – May 30, 2024

- Where do planets come from? A great sandwich in the sky
  - <https://www.nature.com/articles/d41586-024-01401-0>
- A contact binary satellite of the asteroid (152830) Dinkinesh
  - <https://www.nature.com/articles/s41586-024-07378-0>

# Science – May 31, 2024

- Voyager 1 science resumes after interstellar crisis
  - <https://www.science.org/doi/10.1126/science.adq7355>

# Miscellaneous

- I will post this monthly news possibly with zero or more videos and links to watch, as for example, these:
  - <https://www.youtube.com/watch?v=DI364qeyzQ8>
  - <https://www.youtube.com/watch?v=NSqT594RVWQ>
  - [https://www.youtube.com/watch?v=GZegwJVC\\_Pc](https://www.youtube.com/watch?v=GZegwJVC_Pc)
  - <https://www.youtube.com/watch?v=49kfebgbFpA>