



MAY 2023 QUICK CROSSWORD

Across

- 1** US physicist who discovered the J/psi meson (4)
- 3** Alcove (5)
- 6** Chelating agent (acronym) (4)
- 9** Fatal brain disease of sheep and goats (7)
- 11** Not married (5)
- 13** Leg joint (5)
- 15** Insecticide derived from the chrysanthemum (9)
- 16** German chemist known for his synthesis of urea (9, 6)
- 18** Particle physicist and first woman to receive tenure in the Physics department of Harvard University (7, 8)
- 19** Pasta parcel (7)
- 21** Lizard which uses Van der Waals forces to stick its feet to walls (5)
- 23** Non-SI unit of radioactivity (5)
- 24** Dictionary of a dialect (9)
- 26** Indian physicist who discovered the quantum statistics of particles of integral spin (4)
- 27** Type of shrew (5)
- 28** Wheel shaft (4)

Down

- 1** Physicist and electrical engineer, also the name of an electric car manufacturer (5)
- 2** Instrumental technique invented by Felix Bloch and Edward M Purcell in 1945, for which they were awarded the 1952 Nobel Prize in Physics (abbrev) (3)
- 4** Quality of not being able to give a reason for (15)
- 5** Glandular condition, one type of which is Graves' disease (15)
- 7** Scottish chemist and physicist, inventor of the vacuum flask (5)
- 8** _____ Jr, author of Slaughterhouse Five (4, 8)
- 10** Binocular optical instruments that reverse depth perception (12)
- 12** Branch of a neuron (7)
- 14** Food of the blue whale (5)
- 16** _____ Acid, $\text{HO}_2\text{CCH}=\text{CHCO}_2\text{H}$ (7)
- 17** Flame test colour of potassium (5)
- 20** Infectious agent (5)
- 22** Avoirdupois weight (5)
- 25** Particle physicist, populariser of science and former musician (3)