



JULY 2021 QUICK CROSSWORD

Across

- 1 Swedish female chemist and assistant of Jöns Jacob Berzelius (4, 9)
- 10 Containing ethanol (9)
- 11 Japanese physicist who shared the 1973 Nobel prize in physics for work on electron tunnelling (5)
- 12 Fashion (5)
- 13 Lab equipment used for heating (5, 4)
- 14 Cloak (8)
- 16 Line connecting points of equal atmospheric pressure (6)
- 19 Author of *The Railway Children* and many other children's books (6)
- 20 Knowledge of the earth obtained by inspection (8)
- 22 Describing a type of gene (9)
- 24 The only venomous snake in the UK (5)
- 25 Describing drugs that contain sulfonamide (5)
- 26 Repulsive (9)
- 27 Chemist and Nobel laureate who co-wrote the play *Oxygen* with Carl Djerassi (5, 8)

Down

- 2 Enzymes that cleave phosphodiester bonds between nucleotides of nucleic acids (9)
- 3 Greenfly (5)
- 4 Illegal (8)
- 5 Volcanic rock composed mainly of plagioclase feldspar and quartz (6)
- 6 Speculates (9)
- 7 Japanese prefecture where 11 across was born (5)
- 8 German chemist and Nobel laureate whose work led to the 3rd law of thermodynamics (7, 6)
- 9 English chemist who shared the Nobel prize for the discovery of buckminsterfullerene, and served as president of the RSC (3, 5, 5)
- 15 Restore, for example with software or apps (9)
- 17 *Vicia faba* (5, 4)
- 18 German biochemist and joint recipient of the 1922 Nobel prize in physiology and medicine for his work on muscle metabolism (8)
- 21 Middle Eastern capital (6)
- 23 Stringed instrument (5)
- 24 Latin for gold that gives rise to its elemental symbol