August 2021 wordoku

|  |  |  |  |  |  | $U$ | $E$ | $I$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $E$ | $Y$ |  | $M$ |  | $R$ |
|  | $M$ |  | $R$ |  |  |  |  |  |
|  |  | $I$ | $L$ |  |  |  | $M$ |  |
| $L$ |  | $M$ |  |  |  | $E$ |  | $Y$ |
|  | $U$ |  |  |  | $Y$ | $S$ |  |  |
|  |  |  |  |  | $L$ |  | $Y$ |  |
| $M$ |  | $L$ |  | $S$ | $R$ |  |  |  |
| $S$ | $I$ | $U$ |  |  |  |  |  |  |


| $B$ |
| :---: |
| $E$ |
| $I$ |
| $L$ |
| $M$ |
| $R$ |
| $S$ |
| $U$ |
| $Y$ |

Solve this wordoku in the same way as a sudoku with letters instead of numbers (each of the nine letters in each row, column and nine-square cell). Once solved, one of the overall diagonals can be rearranged to give an element, a radical cation of which was synthesised for the first time last year.

August 2021 crossword


## August 2021 science scramble

Similar to a word ladder, each answer provides letters that must appear -
Similar to a word ladder, each answer provides letters that must appear -
including duplicates - in the answer immediately following it. The puzzle's final answer is a scientist or someone who contributed to science. For example:
1 sail
2 snail
3 saline
4 minerals
5 Neil Armstrong

Finish (3)

Look after (4)

Style (5)

Encroach (7)

Pause (9)

US biochemist and
Nobel laureate $(8,5)$
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Nobel laureate $(8,5)$

Participants are advised that any personal information supplied will be processed in connection with this competition and only in accordance with our privacy statement (www.chemistryworld.com/privacy).

## Cryptic <br> Across

1 Scientist blew cash surprisingly (8)
6 I love to eat this essential element (6)
9 Reread that about the pyramids (10)
10 Even vaccinee has complaint (4)
11 Heavy service? (4)
13 Gather cake mix for boss $(4,6)$
14 Likeness stirred inane protester (14)
16 Changes animator's stunt style (14)
19 Somehow scans tubes for stuff (10)
21 Chokes on jokes (4)
22 Green mineral? (4)
23 Give martyr alternative measurement(10)

## 25 See 3 Down

26 Book about him Helena left out on arrangement (8)

## Down

1 Right away alert Eve about lift (7)
3, 6 Down, 25 Across Polymath swears about inaction $(3,5,6)$
4 Atheist treated boy's oddly ignored condition (9)
5 Scientist doing housework extremely differently (7)
6 See 3 Down
7 Exaggerating maid's rating abroad (11)
8 Go on about Nan staying in shape? (7)
12 Heated press transformed workbook (11)
15 Madam's hit upset economist $(4,5)$
16 Urinate form of amino acid (7)
17 Free guano regularly found around China (7)
18 I endlessly ranged around middle African country (7)
20 Element turning up in monograph (5)
24 Reclimb oddly ignored tree (3)

## Quick

Across
1 First period of the mesozoic era (8)
6 Hidden or secret, like the language of the alchemists (6)
9 Philosopher known for the theory of the four classical elements (10)

## 10 Curve (4)

11 US inventor of the safety elevator (4)
13 Modern philosopher of science $(4,6)$
14 Kiln for carbonising wood $(8,6)$
16 Geysers $(7,7)$
19 Pain in the kidney (10)
21 Law (4)
22 Casserole (4)
23, 7 Down Nobel laureate who codeveloped a method for genome editing $(10,11)$
25 Wealthy globetrotters $(3,3)$
26 Anaesthetisation (8)

## Down

1 Play again (7)
3 Subdivision of geological time (3)
4 Home of the Nobel Prize Museum (9)
5 Organochlorine compound first prepared and named by Justus von Liebig in 1832 (7)
6 Greek fabulist (5)
7 See 23 Across
8 Type of reactor (7)
12 Birds belonging to the genus megascops $(7,4)$
15 Not scheduled (9)
16 Operating room (7)
17 Nitrogen-fixing crops (7)
18 Polymath of Pisa (7)
20 Expert in alchemy (5)
24 Juvenile newt (3)

July 2021 solutions and winners




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## On the spot

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