

ACROSS

1. Physics 1915, X-ray diffraction
6. Chemically convert
11. Batch of product
15. Chemistry 1918, catalysis
16. Additional
17. Mythological namesake of an element
18. Angle variable
19. Chemistry 1990, synthesis
20. Carboxylic acid derivative
21. Prepared for microscopy
23. Apple pesticide
25. Trig. function
26. Famous firth
27. Daybreaks, poetically
29. See 32 across
32. With 29 across, "Mr. Mom" costar
34. Inactive
38. Condensation type
40. Wife's title
42. Long-time W&M Chemistry Chair
43. Foggy weather
46. A transition metal
49. Busiest U.S. hub
50. Physics 1933, orbital theory
54. Sneaky
57. An oval has two
58. Lakefront Canadian city
62. Honks
65. A dicarboxylic acid, abbrev.
67. Gather leftovers
68. Chemistry 1954, bonding
71. Interactive computer game
74. Poet Pound
75. Untarnished
77. Vamoose
79. Beginning of a series
82. "Don't ____ me bro!"
83. Having extra genetic material
86. One who overindulges ETOH

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|----|----|---|---|----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|
| 1 | B | R | A | G | G | | 6 | R | E | A | C | T | | 11 | C | R | O | P | | | | |
| 15 | H | A | B | E | R | | 16 | E | X | T | R | A | | 17 | N | I | O | B | E | | | |
| 18 | T | H | E | T | A | | 19 | C | O | R | E | Y | | 20 | E | S | T | E | R | | | |
| | 21 | S | T | A | I | N | E | D | | 23 | A | L | A | R | | 25 | H | Y | P | | | |
| | | | | 26 | C | L | Y | D | E | | 27 | M | O | R | N | S | | | | | | |
| 29 | G | A | R | R | | 32 | T | E | R | I | | 34 | R | E | S | T | I | N | G | | | |
| 38 | A | L | D | O | L | | 39 | | 40 | M | R | S | | 42 | T | Y | R | E | E | | | |
| 43 | P | E | A | S | O | U | P | | 44 | 45 | | 46 | I | R | O | N | | 49 | A | T | L | |
| | | | | 50 | S | C | H | R | O | D | I | N | G | E | R | | 53 | | | | | |
| 54 | S | L | Y | | | 57 | F | O | C | I | | 58 | T | O | R | O | N | T | O | | | |
| 62 | T | O | O | T | S | | | | 65 | S | U | C | | 67 | G | L | E | A | N | | | |
| 68 | P | A | U | L | I | N | G | | 69 | 70 | | 71 | M | Y | S | T | | 74 | E | Z | R | A |
| | | | | 75 | C | L | E | A | N | | 76 | | 77 | S | C | R | A | M | | | | |
| 79 | A | B | C | | | 82 | T | A | S | E | | 83 | T | R | I | S | O | M | Y | | | |
| 86 | S | O | U | S | E | | | 88 | C | U | R | I | E | | 90 | I | D | I | O | M | | |
| 92 | S | H | R | E | D | | | 93 | A | R | E | N | E | | 94 | D | E | B | Y | E | | |
| 95 | T | R | E | X | | | | 96 | P | O | S | E | D | | 97 | E | L | S | O | L | | |

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88. Physics 1903, radiation
90. Figure of speech
92. Play guitar well
93. Salicylic acid, e.g.
94. Chemistry 1936, dipole moments
95. Scary dinosaur
96. Had a picture taken
97. ____ y la luna

DOWN

1. Antioxidant food additive, abbrev.
2. Cheers
3. Assist
4. Convey
5. Holy ____
6. Fade away
7. Outer skin
8. FTIR technique
9. "White Room" band
10. The 12th U.S. president
11. Alkene geometry
12. Type of 35 down
13. Serve
14. Suspect

17. Chemistry 1920, electrochemistry
22. The Grey Lady, abbrev.
24. Part of to be
28. Swine home
29. Band ____
30. Bass, e.g.
31. Vitamin need, abbrev.
33. A transition metal
35. Savings vehicle, abbrev.
36. Amount after taxes
37. Western blot, e.g.
39. ____ cit.
41. ____ Lanka
44. Old TV band
45. Not am.
47. Prov. of 58 across
48. Type of assn.
51. Mil. school
52. Energy unit
53. Shining example
54. 0 deg. C, 1 atm.
55. Mauna ____
56. Not I
59. Pince ____

60. Roundbottom flask residue?
61. "Three ____ match"
63. Separation techn.
64. Became shallower
66. Sulfur-containing amino acid
69. Teachers org.
70. Tank topper
72. Tirade
73. Prefix with lateral
76. Surgeon prefix
78. It's made sotto voce
79. Type of Prof.
80. Physics 1922, orbital theory
81. Remedy
84. Marbles
85. It has its ups and downs
87. Fruit fly distinction
89. Latin thing
91. Brooks or Gibson