

## Publications in the Wall Street Journal (Wilczek's Universe)

1. A week in the life of physicist Frank Wilczek - WSJ July 23, 2015. [PDF](#)
2. Frank Wilczek on spotting tremors in space-time – WSJ December 31, 2015. [PDF](#)
3. A puzzling solution for math education - WSJ January 8, 2016. [PDF](#)
4. The coming technology of out-of-body experiences - WSJ January 29, 2016. [PDF](#)
5. What would it be like to walk through the mind? - WSJ February 26, 2016. [PDF](#).  
Video: Nobel laureate Frank Wilczek's aha moment - WSJ February 26, 2016. [Video](#)
6. How a search for new talent has shaped American science - WSJ April 1, 2016. [PDF](#)
7. How visionaries in visualization moved science forward - WSJ May 6, 2016. [PDF](#)
8. How to teach scientific imagination - WSJ June 2, 2016. [PDF](#)
9. How the world looks to a mantis shrimp - WSJ July 22, 2016. [PDF](#)
10. A physicist's nightmare of the void - WSJ August 24, 2016. [PDF](#)
11. A physicist at the amusement park - WSJ October 7, 2016. [PDF](#)
12. Why it's better to test than to debug - WSJ November 4, 2016. [PDF](#)
13. My seat at the Nobel prize award ceremony - WSJ December 19, 2016. [PDF](#)

14. The power of learning by doing - WSJ January 18, 2017. [PDF](#)
15. Offloading will liberate our minds - WSJ February 23, 2017. [PDF](#)
16. Winning the scientific lottery of ideas - WSJ March 23, 2017. [PDF](#)
17. How past geniuses tackled the age-old question of time - WSJ April 27, 2017. [PDF](#)
18. What's in a scientific name? - WSJ May 25, 2017. [PDF](#)
19. No, truth isn't dead - WSJ June 23, 2017. [PDF](#)
20. Seeing the universe like a quantum particle - WSJ August 3, 2017. [PDF](#)
21. The quest to capture the universe in a few equations - WSJ September 20, 2017. [PDF](#)
22. Something out there: the dark matter mystery – WSJ October 26, 2017. [PDF](#)
23. The struggle to solve long-lived physics puzzles – WSJ December 1, 2017. [PDF](#)
24. If dinosaurs were physicists: thoughts about history and time– WSJ January 11, 2018. [PDF](#)
25. Intelligent life elsewhere? Maybe it's hiding – WSJ February 15, 2018. [PDF](#)
26. An appreciation: Frank Wilczek remembers Stephen Hawking – WSJ March 16, 2018. [PDF](#)
27. A great physicist's visions of a future for tiny objects – WSJ April 25, 2018. [PDF](#)
28. Page-turners for a physics summer – WSJ May 31, 2018. [PDF](#)
29. The peculiar power of nature's left and right – WSJ July 5, 2018. [PDF](#)

30. Swimming on atomic and cosmic levels – WSJ Aug 9, 2018. [PDF](#)
31. Gyroscopes, pulsars and the power of spin – WSJ Sept 14, 2018. [PDF](#)
32. The second quantum revolution – WSJ Oct 18, 2018. [PDF](#)
33. Drawings that capture the brain’s mysteries. WSJ Nov 21, 2018. [PDF](#)
34. Black holes may have ‘hair’ that we can see. WSJ Jan 3, 2019. [PDF](#)
35. When small changes make a big difference. WSJ Feb 6, 2019. [PDF](#)
36. The quantum computers in our future. WSJ March 14, 2019. [PDF](#)
37. Face to face with a cosmic wonder. WSJ April 17, 2019. [PDF](#)
38. The challenge of measuring time. WSJ May 22, 2019. [PDF](#)
39. Have we come to the end of physics?. July 5, 2019. [PDF](#)
40. Finding the magic in liquid crystals. WSJ Aug 8, 2019. [PDF](#)
41. Big data doesn’t interpret itself. WSJ Sept 5, 2019. [PDF](#)
42. This year’s Nobels have cosmic reach. WSJ Oct 17, 2019. [PDF](#)
43. A reality check on quantum computers. WSJ Nov 29, 2019. [PDF](#)
44. Are we living in a simulated world? WSJ Jan 9, 2020. [PDF](#)
45. Looking for signs of alien technology. WSJ Feb 13, 2020. [PDF](#)
46. The world according to Freeman. WSJ March 19, 2020. [PDF](#)
47. Good enough versus even better. WSJ April 30, 2020. [PDF](#)
48. The hidden meanings of noise. WSJ May 28, 2020. [PDF](#)

49. The Physics of keeping things cool. WSJ July 16, 2020. [PDF](#)
50. The Pleasure and Pain of Scientific Predictions. WSJ Aug 20, 2020. [PDF](#)
51. Could Einstein Get Published Today?. WSJ Sept 24, 2020. [PDF](#)
52. Beautiful, Impractical Physics. WSJ Oct 29, 2020. [PDF](#)
53. The Clock Paradox of Quantum Physics. WSJ Dec 3, 2020. [PDF](#)
54. Seeing Wonder Through the Eyes of Science. WSJ Jan 7, 2021. [PDF](#)
55. Do We Need an Anti-Nobel Prize? WSJ Feb 18, 2021. [PDF](#)
56. Provoked by Zeno's Paradoxes. WSJ April 1, 2021. [PDF](#)
57. The Miraculous Measurement of the Muon. WSJ April 13, 2021. [PDF](#)
58. Precision Is Nature's Gift to Technology. WSJ May 14, 2021. [PDF](#)
59. The Power and Poetry of Random Digits. WSJ June 10, 2021. [PDF](#)
60. Cracking the Secret of Matter's Phases. WSJ July 29, 2021. [PDF](#)
61. The Road to Self-Reproducing Machines. WSJ Sept 2, 2021. [PDF](#)
62. We Are All Cyborgs. WSJ Oct 14, 2021. [PDF](#)
63. The Cosmic origins of Silver and Gold. WSJ Nov 24, 2021. [PDF](#)
64. The Models That Made Modern Science. WSJ Dec 30, 2021. [PDF](#)
65. We're All Still Living in Euclid's World. WSJ Feb 4, 2022. [PDF](#)
66. Correcting our errors about errors. WSJ March 17, 2022. [PDF](#)
67. A Quantum Leap, With Strings Attached. WSJ April 14, 2022. [PDF](#)

68. How Endless Energy Flows From a Hole. WSJ May 19, 2022. [PDF](#)
69. Using Science to Predict the Future(s). WSJ June 24, 2022. [PDF](#)
70. Interpreting What the Webb Telescope Sees. WSJ July 29<sup>th</sup>, 2022. [PDF](#)
71. Delaying the Heat Death of the Universe. WSJ Sept 1, 2022. [PDF](#)
72. Interpreting the Pinball of the Cosmos. WSJ Oct 6, 2022. [PDF](#)
73. Accounting for a Wrinkle in Time. WSJ Nov 17, 2022. [PDF](#)
74. A Particle That May Fill 'Empty' Space. WSJ Dec 29, 2022. [PDF](#)
75. A Subatomic Guide to Weight Loss. WSJ Jan 26, 2023. [PDF](#)
76. A New Way to See the Quantum World. WSJ March 16, 2023. [PDF](#)
77. The 50-Year Legacy of a Physics Theory. April 13, 2023. [PDF](#)
78. We Need Quantum Physics to See. May 20, 2023. [PDF](#)
79. The Surprise of Splitting Electrons. June 24, 2023. [PDF](#)
80. Sifting for the Right Questions in Science. July 28, 2023. [PDF](#)
81. The Scientific Value of Ignorance. Aug 31, 2023. [PDF](#)

## Publications in the South China Morning Post (Wilczek's Multiverse)

82. From physics to mind: where AI really came from - Oct 30, 2024. [PDF](#)
83. A Beautiful, Artificial Mind – Oct 31, 2024. [PDF](#)
84. Year of the Quantum, world of the quantum: it's all around us and the future is bright – Dec 4, 2024. [PDF](#)
85. Quantum leaps? The good and bad news about the next big thing in computing – Feb 19, 2025. [PDF](#)
86. Parity at the beach: these shells make a clear distinction between left and right – March 17, 2025. [PDF](#)
87. Opsin your eyes! Quantum sensors are the colour vision magicians inside our heads – April 14, 2025. [PDF](#)