



1. A New Archeological Discovery



Research led by Dr. Azriel Yechezkel has uncovered that the Roman governor Pontius Pilate was the one responsible for building the Biyar Aqueduct – known to be one of the most complex water systems that served Jerusalem in ancient times. The research also shed light on the unique construction approach that was used to build the aqueduct.



2.

Opinion- The Launch of the James Webb Telescope

Prof. Amri Wandel from the Racah Institute of Physics at the University has written about NASA's launch of the next-generation telescope James Webb saying, "This will lead to new discoveries and most importantly an answer to the question of whether life exists beyond earth."

3.

“Survival Commandos”

Hundreds of Jerusalem-area students recently participated in a hackathon to help find workable solution to the climate crisis. The 27-hour long event included prizes in various categories with the first and second place winners in each field winning 10,000 and 5,000 shekel respectively.



4. The Latest from HUIJICAST

Whales are songwriters and pigeons are superstitious. A recent podcast featured a conversation with Dr. Oren Forkosh from the Department of Cognitive and Brain Sciences and the Faculty of Agriculture, Food and Environment. Dr. Forkosh, who researches animal behavior, has developed Artificial Intelligence (AI) tools to “translate” how animals behave into language that humans can understand. The discussion delved into the topic of whether human behavior is truly unique within the animal kingdom.



5. New Member of the National Academy of Inventors

Prof. Shlomo Magdassi, a researcher in the Institute of Chemistry and the Center of Nanoscience and Technology, was recently appointed as a member of the US-based National Academy of Inventors (NAI). The Academy is made up of some 4,000 inventors from about 250 different universities and government research projects around the world.



6.

Breakthrough of the Year in Physics for 2021

A portrait of Dr. Shlomi Kotler, a man with glasses and a blue shirt, standing against a blue background. He is smiling slightly and has his arms crossed.

Research by Dr. Shlomi Kotler from the Department of Applied Physics to successfully reveal quantum entanglement has earned him this honorable recognition from the periodical Physics World.