

The figure is a semi-logarithmic plot titled "Miguel Alves/PI". The y-axis is labeled "Log Inc" and uses a logarithmic scale with major ticks at 10^0 , 10^1 , and 10^2 . The x-axis represents time, with labels for 05/01/2020, 08/25/2020, 02/15/2021, 06/24/2021, and 08/09/2022. A legend in the top-left corner identifies the black line as "Moving Average" and the red stars as "Data of citie". The plot shows two distinct periods of high activity. The first period begins in early 2020, with the moving average rising to a peak of approximately 20 in late 2020, followed by a decline and a smaller peak in early 2021. The second period starts in mid-2021, with the moving average rising sharply to a peak of about 30 in late 2021, followed by a sharp decline and a final spike in early 2022. The red stars represent individual data points, many of which are at the baseline of 10^0 , indicating periods of low activity.