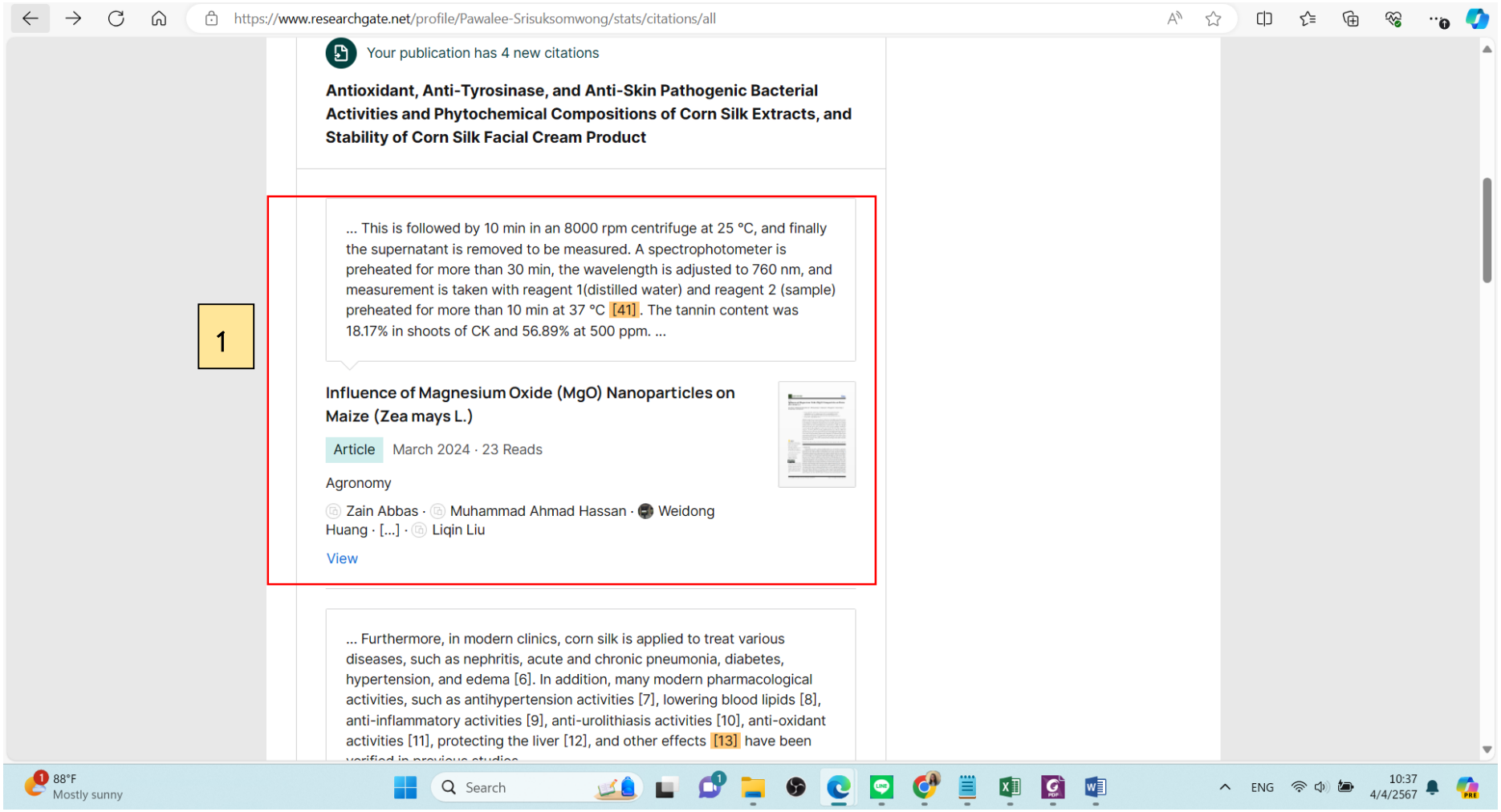
มีการอ้างอิงบทความวิจัย “Antioxidant, Anti–Tyrosinase, and Anti–Skin Pathogenic Bacterial Activities and Phytochemical Compositions of Corn Silk Extracts, and Stability of Corn Silk Facial Cream Product” จำนวน 4 บทความ



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... The fermentation process involves microorganisms releasing enzymes such as glucosidase, amylase, cellulase, hemicellulose, chitinase, inulinase, phytase, xylanase, tannase, esterase, invertase, or lipase, some of which can hydrolyze glucosides and break down plant cell walls, leading to the release of phenolic and flavonoid compounds [26]. However, Yucharoen et al. [27] reported that the extract of corn silk using ethanol displayed highest levels of total phenolic and flavonoid contents, at 28.27 ± 0.86 mg gallic acid equivalent/g extract and 4.71 ± 0.79 mg quercetin equivalent/g extract, respectively. They showed different results from this study, which showed high flavonoid content, but low phenolic content. ...

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... Furthermore, in modern clinics, corn silk is applied to treat various diseases, such as nephritis, acute and chronic pneumonia, diabetes, hypertension, and edema [6]. In addition, many modern pharmacological activities, such as antihypertension activities [7], lowering blood lipids [8], anti-inflammatory activities [9], anti-urolithiasis activities [10], anti-oxidant activities [11], protecting the liver [12], and other effects [13] have been verified in previous studies. ...

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... In addition, corn silk extract displayed significant inhibitory effects on melanin production in Melan-A cells without suppressing tyrosinase activity [62]. Corn silk extract exhibited tyrosinase inhibition activity with an IC50 value of 12.45 μg/mL [63]. Despite the presented results from the literature, the evaluation of four types of extracts did not show any tyrosinase inhibition activity. ...

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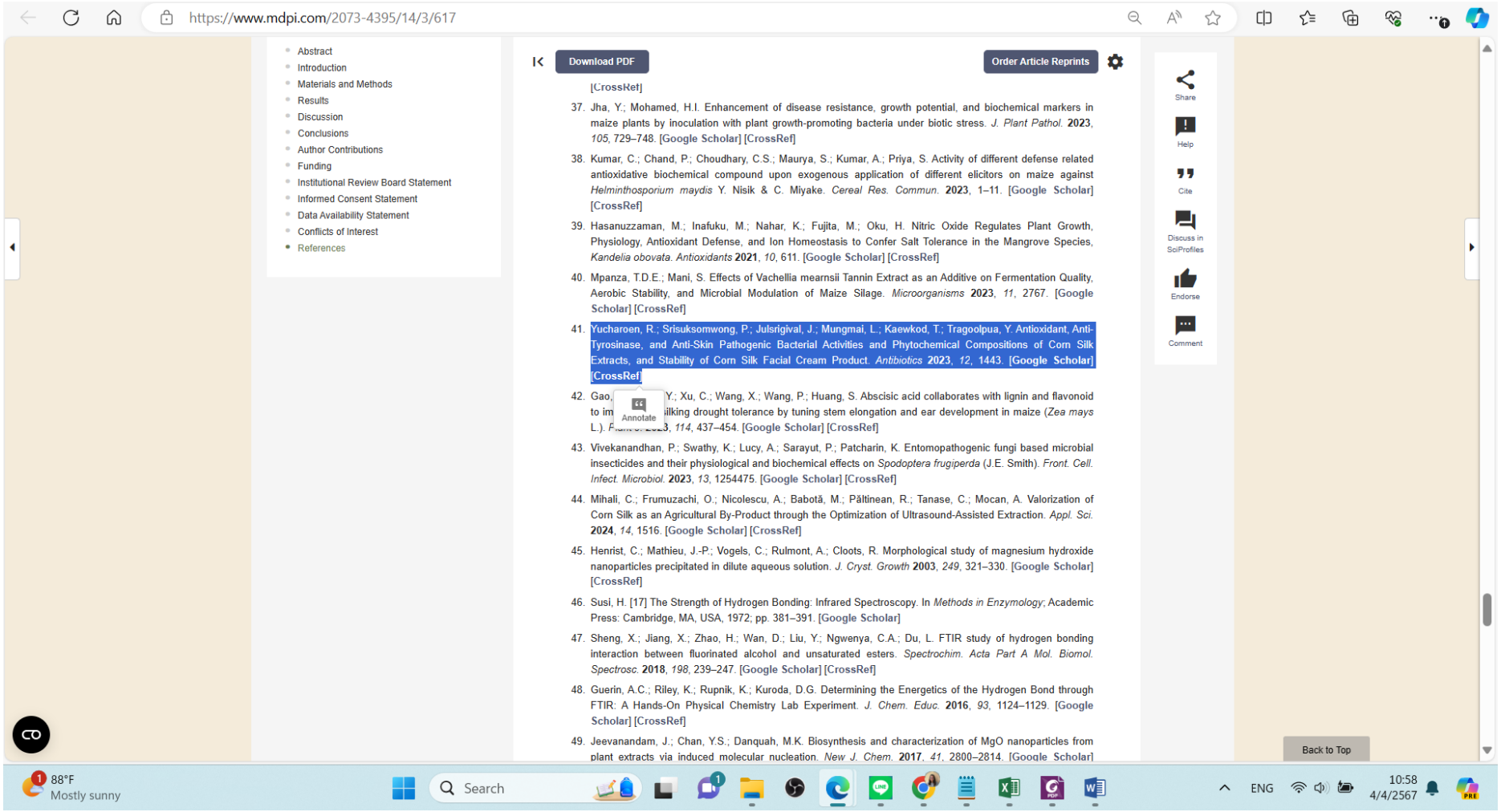

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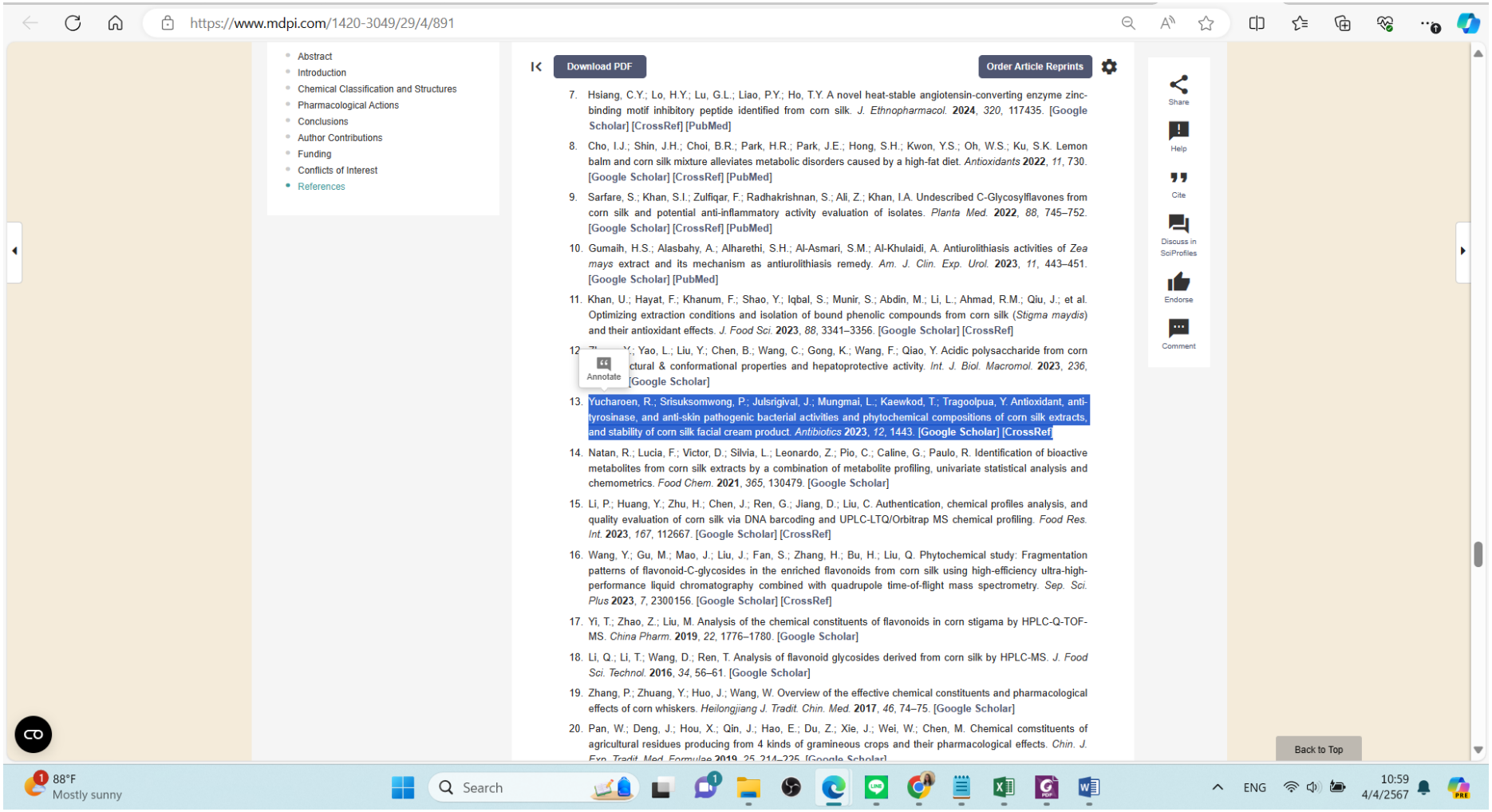

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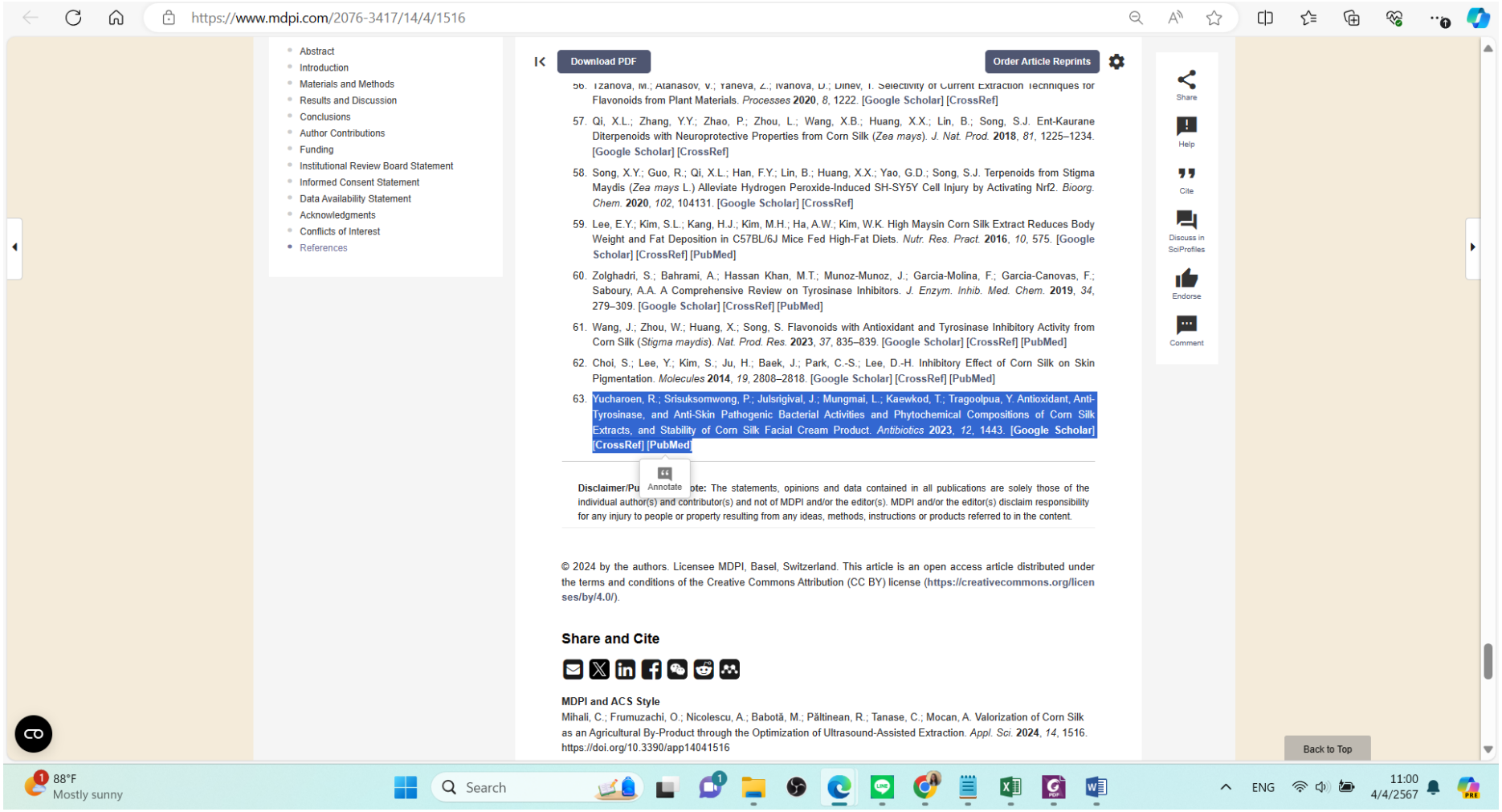

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