

- ▶ <https://www.youtube.com/playlist?list=PLbKSbFnKYVY3j6ubaW1zgTXj5C4443v8s>
- ▶ <https://thebumblingbiochemist.com/365-days-of-science/enzyme-kinetics-michaelis-menten-equation/>
- ▶ https://www.physiologyweb.com/calculators/michaelis_menten_equation_interactive_graph.html
- ▶ https://github.com/dacarlin/michaelis_menten_fitter/blob/master/example_notebook.ipynb
- ▶ https://github.com/Yoyomanzoor/Enzyme-Kinetics/blob/master/Enzyme_Kinetics.pdf
- ▶ <https://www.youtube.com/watch?v=NVDxNaI06zM>
- ▶ https://www.youtube.com/watch?v=OOzj_dFzPH4
- ▶ <https://www.youtube.com/watch?v=ALwziZSRiqM>
- ▶ <https://www.youtube.com/watch?v=ZU2EAZQ6Mok>
- ▶ <https://www.youtube.com/watch?v=ALwziZSRiqM>
- ▶ <https://www.chem.purdue.edu/courses/chm333/Spring%202013/Lectures/Spring%202013%20Lecture%2015.pdf>
- ▶ [https://chem.libretexts.org/Bookshelves/Biological_Chemistry/Supplemental_Modules_\(Biological_Chemistry\)/Enzymes/Enzymatic_Kinetics/Catalytic_Efficiency_of_Enzymes](https://chem.libretexts.org/Bookshelves/Biological_Chemistry/Supplemental_Modules_(Biological_Chemistry)/Enzymes/Enzymatic_Kinetics/Catalytic_Efficiency_of_Enzymes)

LET'S ASSUME THE TOTAL $[E]$ IS CONSTANT

An introduction

EACH ENZYME CAN CATALYZE 10 RXNS/SEC

MAXIMUM RATE = 40 RXNS/SEC

V_{MAX}

AT HIGH $[S]$, THE ENZYMES WILL BE SATURATED

EVEN IF $[E]$ THERE WILL



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