

*Louis Eugene Brus*

**Non-Technical Publications.**

Louis Brus, “**William Oliver Baker (1915-2005): A Biographical Memoir**”. US National Academy of Sciences 2013.

Bruce Berne, Louis Brus, George Flynn, Joshua Jortner, “**Richard Bersohn (1925-2003): A Biographical Memoir**”. US National Academy of Sciences 2013.

**Research and Review Publications about 270 total. Hirsch index 101 on Google Scholar.**

- 1) L. E. Brus, “Lifetime Studies of  $\text{Na}(3^2\text{P})$  and  $\text{Tl}(7^2\text{S})$  Produced by Photodissociation and Quenched by Halogens,” *J. Chem. Phys.* *52*, 1716 (1970).
- 2) L. E. Brus and J. Comas, “Chemisorptive Luminescence: Oxygen on Si(111) Surfaces,” *J. Chem. Phys.* *54*, 2771 (1971).
- 3) M. C. Lin and L. E. Brus, “Chemical CO Laser from the  $\text{O}(^1\text{D}) + \text{C}_3\text{O}_2(^1\Sigma_g^+ \rightarrow 3\text{CO}(^1\Sigma^+))$  Reaction,” *J. Chem. Phys.* *54*, 5423 (1971).
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- 5) L. E. Brus, “Two Exponential Decay of 3371 Å Laser Excited  $\text{CS}_2$  Fluorescence,” *Chem. Phys. Letters* *12*, 116 (1971).
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- 7) L. E. Brus, “Transition Dipole Moments in Extreme Renner Effect Molecules, with Application to the Visible  $\text{A}_1 \rightarrow \text{B}_1$  Bands in  $\text{CH}_2$ ,  $\text{NH}_2$ , and  $\text{BH}_2$ ,” *J. Chem. Phys.* *57*, 3167 (1972).
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- 14) S. H. Dworkin, L. E. Brus, and R. S. Hozack, “Large Molecule Rotational Structure via Single-Mode Laser Resonance Fluorescence,” *J. Chem. Phys.* *61*, 1581 (1974).
- 15) J. R. McDonald and L. E. Brus, “Radiative and Radiationless Transition Phenomena in 1,4-, 1,3-, and 1,2-Diazanaphthalene Vapors,” *J. Chem. Phys.* *61*, 3895 (1974).
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