

Louis Eugene Brus

Research and Review Publications:

- 1) L. E. Brus, "Lifetime Studies of Na(3^2P) and Tl(7^2S) 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 $O(^1D) + C_3O_2(^1\Sigma_g^+ \rightarrow 3CO(^1\Sigma^+)$ Reaction," *J. Chem. Phys.* **54**, 5423 (1971).
- 4) L. E. Brus and M. C. Lin, "Chemical HF Lasers from Flash Photolysis of Various $N_2F_4 + RH$ Systems," *J. Phys. Chem.* **75**, 2546 (1971).
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- 12) J. R. McDonald and L. E. Brus, "Excited State Electronic Structure and Dynamics in sym-Tetrazine Vapor," *J. Chem. Phys.* **59**, 4966 (1973).
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- 14) S. H. Dworketsky, 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).
- 16) V. E. Bondybey and L. E. Brus, "Rigid Cage Effect on ICl Photodissociation and $B O^+$ Fluorescence in Rare Gas Matrices," *J. Chem. Phys.* **62**, 620 (1975).
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