

DR. MONIKA GUPTA

Research Papers:

1. “Low energy elastic and inelastic scattering of electrons from SO₂ using R matrix method”
Physical Review A 73: 1-12.

Link to the article/paper

<file:///C:/Users/AJIT%20BANSAL/Downloads/PhysRevA.73.042702.pdf>

2. “Electron collisions with an ozone molecule using the R-matrix method”
Journal of Physics B: Atomic, Molecular and Optical Physics (J. Phys. B: At. Mol. Opt. Phys) 38(22): 4057-4073.

Link to the article/paper

https://inis.iaea.org/search/search.aspx?orig_q=RN:37053840

3. “Electron F₂O collision study using the R-matrix method”
Physical Review A 74(5): 052713-052713.8

Link to the article/paper

https://inis.iaea.org/search/search.aspx?orig_q=RN:39008032

4. “Application of R-matrix method to electron H₂S collisions in the low energy range”
European Physical Journal D (Eur. Phys. J. D) 41, 475-483.

Link to the article/paper

<https://epjd.epj.org/articles/epjd/abs/2007/03/d06343/d06343.html>

5. “Electron collisions with the silicon monoxide (SiO) molecule using R matrix method”
Journal of Physics B: Atomic, Molecular and Optical Physics (J. Phys. B: At. Mol. Opt. Phys) 42(9).

Link to the article/paper

<https://iopscience.iop.org/article/10.1088/0953-4075/42/9/095204>