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ELECTRONIC CHEMILUMINESCENCE IN GASES

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SEMIEMPIRICAL DIATOMICS-IN-MOLECULES POTENTIAL ENERGY SURFACES

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DYNAMICS OF OXYGEN ATOM REACTIONS

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**EXCITED-STATE POTENTIAL SURFACES
AND THEIR APPLICATIONS***

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COLLISIONAL EFFECTS ON ELECTRONIC RELAXATION PROCESSES

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VIBRATIONAL AND ROTATIONAL COLLISION PROCESSES*

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SPECTROSCOPY AND POTENTIAL ENERGY SURFACES OF VAN DER WAALS MOLECULES

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SCATTERING OF NON-SPHERICAL MOLECULES

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COLLISIONAL IONIZATION

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