

Subject Index of Volume 102, No. 1

- Aminobenzonitriles**
intramolecular charge transfer in the excited state. Kinetics and con-
figurational changes, 59
- Anisotropy**
applications of time-resolved luminescence anisotropy measurements
to the study of polymer dynamics, 87
- Azobene phospholipids**
supramolecular aggregates of photoreactive aromatics. Structure,
photophysics and photochemistry of stilbene and azobenzene phos-
pholipids, 39
- Benzophenone**
photochemical reaction in the molecular clusters of benzophenone with
hydrogen donors formed in a supersonic free jet expansion, 93
- Bromine**
photochemical studies of atomic species (F, Br, O) in solution, 7
- Charge transfer**
volume changes on triplet production and quenching: time-resolved
optoacoustic studies, 47
- Clusters**
photochemical reaction in the molecular clusters of benzophenone with
hydrogen donors formed in a supersonic free jet expansion, 93
- Control**
novel approaches towards a detailed control of the mechanism and
efficiency of photosensitized processes in vivo, 101
- Dipole**
dynamics of molecules near interfaces, 29
- Donor–spacer–acceptor molecules**
factoring through-space and through-bond contributions to rates of
photoinduced electron transfer in donor–spacer–acceptor mole-
cules, 71
- Dynamics**
photodissociation dynamics of iodobenzene by state-selective photo-
fragment translational spectroscopy, 13
the dynamics of photodissociation reactions in solution, 21
dynamics of molecules near interfaces, 29
- Efficiency**
novel approaches towards a detailed control of the mechanism and
efficiency of photosensitized processes in vivo, 101
- Energy transfer**
mechanisms of excitation energy transport in macromolecules, 81
- Energy trapping**
mechanisms of excitation energy transport in macromolecules, 81
- Exciplex mechanism**
exciplex mechanism of excited state electron transfer reactions in polar
media, 51
- Excited state electron transfer reactions**
exciplex mechanism of excited state electron transfer reactions in polar
media, 51
- Elsevier Science S.A.**
- Fluorescence**
applications of time-resolved luminescence anisotropy measurements
to the study of polymer dynamics, 87
- Fluorine**
photochemical studies of atomic species (F, Br, O) in solution, 7
- Hydrogen donor**
photochemical reaction in the molecular clusters of benzophenone with
hydrogen donors formed in a supersonic free jet expansion, 93
- Intramolecular charge transfer**
intramolecular charge transfer in the excited state. Kinetics and con-
figurational changes, 59
- Iodobenzene**
photodissociation dynamics of iodobenzene by state-selective photo-
fragment translational spectroscopy, 13
- Laser flash photolysis**
photochemical studies of atomic species (F, Br, O) in solution, 7
- Luminescence**
applications of time-resolved luminescence anisotropy measurements
to the study of polymer dynamics, 87
- Macromolecule**
applications of time-resolved luminescence anisotropy measurements
to the study of polymer dynamics, 87
- Macromolecules**
mechanisms of excitation energy transport in macromolecules, 81
- Mechanism**
novel approaches towards a detailed control of the mechanism and
efficiency of photosensitized processes in vivo, 101
- Oxygen**
photochemical studies of atomic species (F, Br, O) in solution, 7
- Pair interaction**
dynamics of molecules near interfaces, 29
- Phosphorescence**
applications of time-resolved luminescence anisotropy measurements
to the study of polymer dynamics, 87
- Photoacoustics**
volume changes on triplet production and quenching: time-resolved
optoacoustic studies, 47
- Photodissociation**
photodissociation dynamics of iodobenzene by state-selective photo-
fragment translational spectroscopy, 13
- Photodissociation reactions**
the dynamics of photodissociation reactions in solution, 21
- Photofragment translation spectroscopy**
photodissociation dynamics of iodobenzene by state-selective photo-
fragment translational spectroscopy, 13

- Photoinduced electron transfer
factoring through-space and through-bond contributions to rates of photoinduced electron transfer in donor–spacer–acceptor molecules, 71
- Photoisomerization
the exchange polarization model of photoisomerization: A rationale for profound solvent effects on photoisomerization of trans-stilbene and all-trans retinal, 35
- Photoreactive aromatics
supramolecular aggregates of photoreactive aromatics. Structure, photophysics and photochemistry of stilbene and azobenzene phospholipids, 39
- Photosensitized processes
novel approaches towards a detailed control of the mechanism and efficiency of photosensitized processes in vivo, 101
- Photostationary fluorescence
intramolecular charge transfer in the excited state. Kinetics and configurational changes, 59
- Phthalocyanines
immobilized phthalocyanines as red-light photosensitizers, 109
- Polar media
exciplex mechanism of excited state electron transfer reactions in polar media, 51
- Polymer
applications of time-resolved luminescence anisotropy measurements to the study of polymer dynamics, 87
- Red-light photosensitizers
immobilized phthalocyanines as red-light photosensitizers, 109
- Relaxation
dynamics of molecules near interfaces, 29
applications of time-resolved luminescence anisotropy measurements to the study of polymer dynamics, 87
- Retinal
the exchange polarization model of photoisomerization: A rationale for profound solvent effects on photoisomerization of trans-stilbene and all-trans retinal, 35
- Singlet molecular oxygen
immobilized phthalocyanines as red-light photosensitizers, 109
- Solution
the dynamics of photodissociation reactions in solution, 21
- Stilbene
the exchange polarization model of photoisomerization: A rationale for profound solvent effects on photoisomerization of trans-stilbene and all-trans retinal, 35
- Stilbene phospholipids
supramolecular aggregates of photoreactive aromatics. Structure, photophysics and photochemistry of stilbene and azobenzene phospholipids, 39
- Superexchange
mechanisms of excitation energy transport in macromolecules, 81
- Supersonic jet
photochemical reaction in the molecular clusters of benzophenone with hydrogen donors formed in a supersonic free jet expansion, 93
- Supramolecular aggregates
supramolecular aggregates of photoreactive aromatics. Structure, photophysics and photochemistry of stilbene and azobenzene phospholipids, 39
- Through-bond interactions
factoring through-space and through-bond contributions to rates of photoinduced electron transfer in donor–spacer–acceptor molecules, 71
- Through-space interactions
factoring through-space and through-bond contributions to rates of photoinduced electron transfer in donor–spacer–acceptor molecules, 71
- Time-resolved fluorescence
intramolecular charge transfer in the excited state. Kinetics and configurational changes, 59
- Time-resolved Raman
the exchange polarization model of photoisomerization: A rationale for profound solvent effects on photoisomerization of trans-stilbene and all-trans retinal, 35
- Triplets
volume changes on triplet production and quenching: time-resolved optoacoustic studies, 47
- Volume changes
volume changes on triplet production and quenching: time-resolved optoacoustic studies, 47