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Adriamycin-model membrane interaction

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trans-Diamminedichloroplatinum(II); Diethylenetriaminechloroplatinum(II) chloride; Antitumor activity; DNA-drug interaction (Brabec, V. (35) 129)

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Diphenyl-1,3,5-hexatriene, 1,6-

Abcisic acid; Fluorescence lifetime; Dipolar relaxation; Membrane microheterogeneity; Phospholipid; Dimethylamino(6-lauroyl)naphthalene, 2- (Parasassi, T. (35) 65)

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Abcisic acid; Fluorescence lifetime; Membrane microheterogeneity; Phospholipid; Diphenyl-1,3,5-hexatriene, 1,6-; Dimethylamino(6-lauroyl)naphthalene, 2- (Parasassi, T. (35) 65)

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Daunomycin; Thermodynamics; Kinetics; Sequence specificity; Intercalation (Chaires, J.B. (35) 191)

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Gel electrophoresis; Chemical probe; Modified nucleotide residue (Leng, M. (35) 155)

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Unfused aromatic system; Intercalation; Antitumor agent; Binding mechanism (Wilson, W.D. (35) 227)

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DNA protonation

DNA; DNA structural transition (Sukhorukov, B.I. (35) 47)

DNA structural transition

DNA; DNA protonation (Sukhorukov, B.I. (35) 47)

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Antitumor drug; Cisplatin; Molecular mechanics (Kozelka, J. (35) 165)

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Ethidium

Amsacrine; Electron transfer; Antitumor action; Topoisomerase II (Baguley, B.C. (35) 203)

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Free radical formation

Adriamycin-model membrane interaction; Adriamycin-mitochondrial membrane interaction; Antimitotic conformation; Enzyme inhibition; Respiratory enzyme (Goormaghtigh, E. (35) 247)

Gel electrophoresis

DNA bending; Chemical probe; Modified nucleotide residue (Leng, M. (35) 155)

Hydrogen bonding

DNA; Anthraquinone complex; Infrared spectroscopy; CNDO/2 calculation; Normal coordinate analysis; Anthracycline; Mitoxantrone (Pohle, W. (35) 213)

Infrared spectroscopy

DNA; Anthraquinone complex; Hydrogen bonding; CNDO/2 calculation; Normal coordinate analysis; Anthracycline; Mitoxantrone (Pohle, W. (35) 213)

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Mean square displacement

Conformational fluctuation; Normal mode analysis; Low-frequency normal mode; Eckart condition (Gö, N. (35) 105)

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Melanoma, B16

Methotrexate; Melanin; Melanosome (Wilczok, T. (35) 265)

Melanosome

Methotrexate; Melanin; Melanoma, B16 (Wilczok, T. (35) 265)

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Membrane microheterogeneity

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Membrane volume

Membrane transport; Partitioning kinetics (Makino, K. (35) 85)

Methotrexate

Melanin; Melanosome; Melanoma, B16 (Wilczok, T. (35) 265)

Mitoxantrone

DNA; Anthraquinone complex; Hydrogen bonding; Infrared spectroscopy; CNDO/2 calculation; Normal coordinate analysis; Anthracycline (Pohle, W. (35) 213)

Modified nucleotide residue

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Normal coordinate analysis

DNA; Anthraquinone complex; Hydrogen bonding; Infrared spectroscopy; CNDO/2 calculation; Anthracycline; Mitoxantrone (Pohle, W. (35) 213)

Normal mode analysis

Conformational fluctuation; Mean square displacement; Low-frequency normal mode; Eckart condition (Gö, N. (35) 105)

Optical texture

Platinum(II) coordination complex; DNA liquid crystal; Liquid-crystalline dispersion; CD; X-ray crystallography (Yevdokimov, Yu.M. (35) 143)

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Membrane transport; Membrane volume (Makino, K. (35) 85)

Pheophorbide *a*

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Phospholipid

Abscise acid; Fluorescence lifetime; Dipolar relaxation; Membrane microheterogeneity; Diphenyl-1,3,5-hexatriene, 1,6-; Dimethylamino(6-lauroyl)naphthalene, 2- (Parasassi, T. (35) 65)

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Pheophorbide *a*; Phthalocyanine; Naphthalocyanine; Singlet oxygen generation; Photosensitization (Roeder, B. (35) 303)

Photosensitization

Pheophorbide *a*; Phthalocyanine; Naphthalocyanine; Singlet oxygen generation; Photodynamic therapy (Roeder, B. (35) 303)

Anthracycline; Anthracenedione; Daunorubicin; Doxorubicin; EPR (Reszka, K. (35) 313)

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Protein dynamics

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Respiratory enzyme

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Selective filter

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Sequence specificity

Daunomycin; Thermodynamics; Kinetics; DNA; Intercalation (Chaires, J.B. (35) 191)

Singlet oxygen generation

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Subunit hybridization

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Thermodynamics

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Three-center binding site model

Ionic channel; Selective filter; Protein dynamics; Dielectric dispersion effect; Computer simulation (Demchenko, A.P. (35) 25)

Topoisomerase II

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Unfused aromatic system

Intercalation; DNA-drug interaction; Antitumor agent; Binding mechanism (Wilson, W.D. (35) 227)

Voltage stimulation

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Water/oil interface

Electrical oscillation; Current stimulation; Voltage stimulation (Kawakubo, T. (35) 113)

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