

Henry M Sobell

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papers

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18
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1,802
ext. citations

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L-index

#	Paper	IF	Citations
18	Stereochemistry of actinomycin binding to DNA. II. Detailed molecular model of actinomycin-DNA complex and its implications. <i>Journal of Molecular Biology</i> , 1972 , 68, 21-34	6.5	290
17	Visualization of drug-nucleic acid interactions at atomic resolution. III. Unifying structural concepts in understanding drug-DNA interactions and their broader implications in understanding protein-DNA interactions. <i>Journal of Molecular Biology</i> , 1977 , 114, 333-65	6.5	261
16	Visualization of drug-nucleic acid interactions at atomic resolution. I. Structure of an ethidium/dinucleoside monophosphate crystalline complex, ethidium:5-iodouridylyl (3h5t) adenosine. <i>Journal of Molecular Biology</i> , 1977 , 114, 301-15	6.5	222
15	Visualization of drug-nucleic acid interactions at atomic resolution. II. Structure of an ethidium/dinucleoside monophosphate crystalline complex, ethidium:5-iodocytidylyl (3h5t) guanosine. <i>Journal of Molecular Biology</i> , 1977 , 114, 317-31	6.5	207
14	Stereochemistry of actinomycin binding to DNA. I. Refinement and further structural details of the actinomycin-deoxyguanosine crystalline complex. <i>Journal of Molecular Biology</i> , 1972 , 68, 1-20	6.5	182
13	Stereochemistry of actinomycin--DNA binding. <i>Nature: New Biology</i> , 1971 , 231, 200-5		145
12	Visualization of drug-nucleic acid interactions at atomic resolution. IV. Structure of an aminoacridine--dinucleoside monophosphate crystalline complex, 9-aminoacridine--5-iodocytidylyl (3h-5t) guanosine. <i>Journal of Molecular Biology</i> , 1979 , 135, 763-85	6.5	95
11	Visualization of drug-nucleic acid interactions at atomic resolution. <i>Journal of Molecular Biology</i> , 1979 , 135, 813-840	6.5	89
10	Visualization of drug--nucleic acid interactions at atomic resolution. V. Structure of two aminoacridine--dinucleoside monophosphate crystalline complexes, proflavine--5-iodocytidylyl (3h5t) guanosine and acridine orange--5-iodocytidylyl (3h5t) guanosine. <i>Journal of Molecular Biology</i> , 1979 , 135, 787-818	6.5	70
9	Visualization of drug-nucleic acid interactions at atomic resolution. VIII. Structures of two ethidium/dinucleoside monophosphate crystalline complexes containing ethidium: cytidylyl(3h5t) guanosine. <i>Journal of Biomolecular Structure and Dynamics</i> , 1984 , 1, 1179-94	3.6	54
8	How actinomycin binds to DNA. <i>Scientific American</i> , 1974 , 231, 82-91	0.5	42
7	Visualization of drug-nucleic acid interactions at atomic resolution. VII. Structure of an ethidium/dinucleoside monophosphate crystalline complex, ethidium: uridylyl(3h5t) adenosine. <i>Journal of Biomolecular Structure and Dynamics</i> , 1984 , 1, 1161-77	3.6	36
6	Presence of nonlinear excitations in DNA structure and their relationship to DNA premelting and to drug intercalation. <i>Journal of Biomolecular Structure and Dynamics</i> , 1983 , 1, 253-62	3.6	32
5	Visualization of drug-nucleic acid interactions at atomic resolution. X. Structure of a N,N-dimethylproflavine: deoxycytidylyl(3h5t)deoxyguanosine crystalline complex. <i>Journal of Biomolecular Structure and Dynamics</i> , 1984 , 1, 1219-27	3.6	16
4	Visualization of drug-nucleic acid interactions at atomic resolution. IX. Structures of two N,N-dimethylproflavine: 5-iodocytidylyl (3h5t) guanosine crystalline complexes. <i>Journal of Biomolecular Structure and Dynamics</i> , 1984 , 1, 1195-217	3.6	14
3	Structure of a novel drug-nucleic acid crystalline complex: 1, 10-phenanthroline-platinum (II) ethylenediamine--5hphosphoryl-thymidylyl(3h5t) deoxyadenosine. <i>Journal of Biomolecular Structure and Dynamics</i> , 1984 , 2, 333-44	3.6	12
2	Premeltons in DNA. <i>Journal of Structural and Functional Genomics</i> , 2016 , 17, 17-31		7

- 1 The influence of acoustic phonons on the magnitude of energy fluctuations in DNA. *Ferroelectrics*, **1980**, 30, 169-173 o.6