

Henry M Sobell

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

1,774
citations

14
h-index

18
g-index

18
ext. papers

1,802
ext. citations

4.5
avg, IF

3.76
L-index

#	Paper	IF	Citations
18	Premeltons in DNA. <i>Journal of Structural and Functional Genomics</i> , 2016 , 17, 17-31		7
17	Visualization of drug-nucleic acid interactions at atomic resolution. X. Structure of a N,N-dimethylproflavine: deoxycytidylyl(3h5h)deoxyguanosine crystalline complex. <i>Journal of Biomolecular Structure and Dynamics</i> , 1984 , 1, 1219-27	3.6	16
16	Structure of a novel drug-nucleic acid crystalline complex: 1, 10-phenanthroline-platinum (II) ethylenediamine--5hphosphoryl-thymidylyl(3h5h) deoxyadenosine. <i>Journal of Biomolecular Structure and Dynamics</i> , 1984 , 2, 333-44	3.6	12
15	Visualization of drug-nucleic acid interactions at atomic resolution. VIII. Structures of two ethidium/dinucleoside monophosphate crystalline complexes containing ethidium: cytidylyl(3h5h) guanosine. <i>Journal of Biomolecular Structure and Dynamics</i> , 1984 , 1, 1179-94	3.6	54
14	Visualization of drug-nucleic acid interactions at atomic resolution. IX. Structures of two N,N-dimethylproflavine: 5-iodocytidylyl (3h5h) guanosine crystalline complexes. <i>Journal of Biomolecular Structure and Dynamics</i> , 1984 , 1, 1195-217	3.6	14
13	Visualization of drug-nucleic acid interactions at atomic resolution. VII. Structure of an ethidium/dinucleoside monophosphate crystalline complex, ethidium: uridylyl(3h5h) adenosine. <i>Journal of Biomolecular Structure and Dynamics</i> , 1984 , 1, 1161-77	3.6	36
12	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
11	The influence of acoustic phonons on the magnitude of energy fluctuations in DNA. <i>Ferroelectrics</i> , 1980 , 30, 169-173	0.6	
10	Visualization of drug-nucleic acid interactions at atomic resolution. IV. Structure of an aminoacridine--dinucleoside monophosphate crystalline complex, 9-aminoacridine--5-iodocytidylyl (3h5h) guanosine. <i>Journal of Molecular Biology</i> , 1979 , 135, 763-85	6.5	95
9	Visualization of drug--nucleic acid interactions at atomic resolution. V. Structure of two aminoacridine--dinucleoside monophosphate crystalline complexes, proflavine--5-iodocytidylyl (3h5h) guanosine and acridine orange--5-iodocytidylyl (3h5h) guanosine. <i>Journal of Molecular Biology</i> , 1979 , 135, 787-812	6.5	70
8	Visualization of drug-nucleic acid interactions at atomic resolution. <i>Journal of Molecular Biology</i> , 1979 , 135, 813-840	6.5	89
7	Visualization of drug-nucleic acid interactions at atomic resolution. I. Structure of an ethidium/dinucleoside monophosphate crystalline complex, ethidium:5-iodouridylyl (3h5h) adenosine. <i>Journal of Molecular Biology</i> , 1977 , 114, 301-15	6.5	222
6	Visualization of drug-nucleic acid interactions at atomic resolution. II. Structure of an ethidium/dinucleoside monophosphate crystalline complex, ethidium:5-iodocytidylyl (3h5h) guanosine. <i>Journal of Molecular Biology</i> , 1977 , 114, 317-31	6.5	207
5	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
4	How actinomycin binds to DNA. <i>Scientific American</i> , 1974 , 231, 82-91	0.5	42
3	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
2	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

- 1 Stereochemistry of actinomycin–DNA binding. *Nature: New Biology*, **1971**, 231, 200-5

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