Gerald Feigenson

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.

17 papers	3,323 citations	15 h-index	17 g-index
17 ext. papers	3,505 ext. citations	4.3 avg, IF	5.05 L-index

#	Paper	IF	Citations
17	Calculation of Liquid-Disordered/Liquid-Ordered Line Tension from Pairwise Lipid Interactions. *Journal of Physical Chemistry B*, **2020**, 124, 4949-4959	3.4	6
16	HIV-1 Gag protein can sense the cholesterol and acyl chain environment in model membranes. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 18761-6	11.5	76
15	Phase separation in lipid membranes. *Cold Spring Harbor Perspectives in Biology*, **2011**, 3,	10.2	139
14	Phase studies of model biomembranes: macroscopic coexistence of Lalpha+Lbeta, with light-induced coexistence of Lalpha+Lo Phases. *Biochimica Et Biophysica Acta - Biomembranes*, **2007**, 1768, 2777-86	3.8	119
13	Crosslinking a lipid raft component triggers liquid ordered-liquid disordered phase separation in model plasma membranes. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 6320-5	11.5	272
12	Ternary phase diagram of dipalmitoyl-PC/dilauroyl-PC/cholesterol: nanoscopic domain formation driven by cholesterol. *Biophysical Journal*, **2001**, 80, 2775-88	2.9	361
11	Characterization of lipid bilayer phases by confocal microscopy and fluorescence correlation spectroscopy. *Proceedings of the National Academy of Sciences of the United States of America*, **1999**, 96, 8461-6	11.5	747
10	Maximum solubility of cholesterol in phosphatidylcholine and phosphatidylethanolamine bilayers. *Biochimica Et Biophysica Acta - Biomembranes*, **1999**, 1417, 89-100	3.8	349
9	A novel strategy for the preparation of liposomes: rapid solvent exchange. *Biochimica Et Biophysica Acta - Biomembranes*, **1999**, 1417, 232-45	3.8	146
8	A microscopic interaction model of maximum solubility of cholesterol in lipid bilayers. *Biophysical Journal*, **1999**, 76, 2142-57	2.9	488
7	Partitioning of a fluorescent phospholipid between fluid bilayers: dependence on host lipid acyl chains. *Biophysical Journal*, **1997**, 73, 3112-21	2.9	11
6	Detection of phase separation in fluid phosphatidylserine/phosphatidylcholine mixtures. *Biophysical Journal*, **1994**, 67, 1906-11	2.9	57
5	Monte Carlo simulation of lipid mixtures: finding phase separation. *Biophysical Journal*, **1993**, 65, 1788-94	2.9	53
4	Partitioning behavior of indocarbocyanine probes between coexisting gel and fluid phases in model membranes. *Biochimica Et Biophysica Acta - Biomembranes*, **1990**, 1023, 25-33	3.8	92
3	Calcium ion binding between lipid bilayers: the four-component system of phosphatidylserine, phosphatidylcholine, calcium chloride, and water. *Biochemistry*, **1989**, 28, 1270-8	3.2	69
2	Fluorescence quenching in model membranes. 3. Relationship between calcium adenosinetriphosphatase enzyme activity and the affinity of the protein for phosphatidylcholines with different acyl chain characteristics. *Biochemistry*, **1981**, 20, 1949-61	3.2	218
1	Fluorescence quenching in model membranes. 1. Characterization of quenching caused by a spin-labeled phospholipid. *Biochemistry*, **1981**, 20, 1932-8	3.2	120