

Didier Roux

List of Publications by Year in descending order

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20
papers

1,532
citations

687363

13
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

993
citing authors

#	ARTICLE	IF	CITATIONS
1	Dilute lamellar and L3 phases in the binary water-C12E5 system. Journal of the Chemical Society, Faraday Transactions, 1990, 86, 2253-2261.	1.7	413
2	Effect of shear on a lyotropic lamellar phase. Journal De Physique II, 1993, 3, 1427-1452.	0.9	270
3	Curvature Elasticity of Pure and Mixed Surfactant Films. Physical Review Letters, 1988, 60, 1966-1969.	7.8	190
4	Preparation of monodisperse multilayer vesicles of controlled size and high encapsulation ratio.. Journal De Physique II, 1993, 3, 9-14.	0.9	116
5	Shear-Induced States of Orientation of the Lamellar Phase of C12E4/Water. Langmuir, 1999, 15, 7558-7564.	3.5	106
6	Structure of a Lyotropic Lamellar Phase under Shear. Physical Review Letters, 1997, 78, 1496-1499.	7.8	85
7	Effects of Shear on the Smectic A Phase of Thermotropic Liquid Crystals. Journal De Physique II, 1995, 5, 303-311.	0.9	59
8	Dynamical behavior of a complex fluid near an out-of-equilibrium transition: Approaching simple rheological chaos. Physical Review E, 2002, 66, 031505.	2.1	53
9	Studying a New Type of Surfactant Aggregate (Spherulites) as Chemical Microreactors. A First Example: A Copper Ion Entrapping and Particle Synthesis. Langmuir, 1999, 15, 3738-3747.	3.5	50
10	DNA intercalation in neutral multilamellar membranes. FEBS Letters, 2002, 511, 150-154.	2.8	45
11	In vitro and in vivo stability of new multilamellar vesicles. Life Sciences, 2000, 67, 411-419.	4.3	38
12	Curvature defects in lamellar phases of amphiphile-water systems. Journal of Chemical Physics, 1991, 94, 3030-3041.	3.0	31
13	The effect of water thickness on the bending rigidity of inverted bilayers. Journal of Physics Condensed Matter, 1996, 8, 2801-2806.	1.8	25
14	Lyotropic Lamellar L ₁ Phases. Partially Ordered Systems, 1994, , 303-346.	6.5	13
15	Elasticity and hydrodynamic properties of doped solvent dilute lamellar phases. Journal De Physique II, 1994, 4, 1477-1499.	0.9	11
16	Synthesis of versatile chemical tools toward a structure/properties relationships study onto targeting colloids. European Journal of Medicinal Chemistry, 2007, 42, 114-124.	5.5	10
17	Amplification of Antibody Responses to Antigen Using Small Multilamellar Vesicles for Delivery System. Drug Delivery, 2005, 12, 69-74.	5.7	9
18	Fluctuations of membranes with vanishing surface tension. Physica A: Statistical Mechanics and Its Applications, 1991, 172, 242-257.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Surfactants in Solution: An Experimental Tool to Study Fluctuating Surfaces. , 1988, , 246-262.		1
20	Effect of Flow on Lyotropic Phases. , 1997, , 203-233.		1