

# Luiz R Evangelista

## List of Publications by Year in descending order

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150  
papers

2,131  
citations

331670

21  
h-index

361022

35  
g-index

156  
all docs

156  
docs citations

156  
times ranked

1379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of aquatic macrophyte habitat complexity on invertebrate abundance and richness in tropical lagoons. <i>Freshwater Biology</i> , 2008, 53, 358-367.	2.4	128
2	A unified index to measure ecological diversity and species rarity. <i>Ecography</i> , 2008, 31, 450-456.	4.5	73
3	Anomalous diffusion governed by a fractional diffusion equation and the electrical response of an electrolytic cell. <i>Journal of Chemical Physics</i> , 2011, 135, 114704.	3.0	64
4	Fractional Diffusion Equation and Impedance Spectroscopy of Electrolytic Cells. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11371-11374.	2.6	60
5	Comparison of Impedance Spectroscopy Expressions and Responses of Alternate Anomalous Poisson-Nernst-Planck Diffusion Equations for Finite-Length Situations. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7648-7655.	3.1	59
6	Fractional Diffusion Equation and the Electrical Impedance: Experimental Evidence in Liquid-Crystalline Cells. <i>Journal of Physical Chemistry C</i> , 2012, 116, 8773-8777.	3.1	57
7	Elastic continuum theory: Towards understanding of the twist-bend nematic phases. <i>Physical Review E</i> , 2015, 92, 030501.	2.1	56
8	Ionic adsorption and equilibrium distribution of charges in a nematic cell. <i>Physical Review E</i> , 1999, 59, 1846-1849.	2.1	51
9	Classical and quantum structures in the kicked-top model. <i>Physical Review A</i> , 1992, 45, 3646-3658.	2.5	44
10	A Connection Between Anomalous Poisson-Nernst-Planck Model and Equivalent Circuits with Constant Phase Elements. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23685-23690.	3.1	42
11	Surface Induced Phase Separation and Pattern Formation at the Isotropic Interface in Chiral Nematic Liquid Crystals. <i>Physical Review Letters</i> , 2013, 110, 057801.	7.8	42
12	Non-Markovian diffusion and the adsorption-desorption process. <i>Physical Review E</i> , 2010, 81, 011116.	2.1	37
13	Memory effect in the adsorption phenomena of neutral particles. <i>Physical Review E</i> , 2007, 75, 042601.	2.1	33
14	Solutions for a Schrödinger equation with a nonlocal term. <i>Journal of Mathematical Physics</i> , 2008, 49, .	1.1	30
15	Unusual diffusing regimes caused by different adsorbing surfaces. <i>Soft Matter</i> , 2015, 11, 1658-1666.	2.7	29
16	Fractional approach, quantum statistics, and non-crystalline solids at very low temperatures. <i>European Physical Journal B</i> , 2008, 62, 155-158.	1.5	27
17	Non-Debye relaxation in the dielectric response of nematic liquid crystals: Surface and memory effects in the adsorption-desorption process of ionic impurities. <i>Physical Review E</i> , 2012, 86, 051705.	2.1	27
18	External electric-field effect on nematic anchoring energy. <i>Physical Review E</i> , 2002, 65, 031721.	2.1	26

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19	Fractional nonlinear diffusion equation, solutions and anomalous diffusion. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 375, 65-71.	2.6	26
20	Anomalous diffusion and the adsorption-desorption process in anisotropic media. <i>Europhysics Letters</i> , 2009, 85, 28004.	2.0	26
21	Geometrical anisotropy dependence of thermal diffusivity in lyotropic nematics: Mode mismatched thermal lens measurements. <i>Applied Physics Letters</i> , 1996, 68, 3371-3373.	3.3	25
22	Kinetic equation with memory effect for adsorption-desorption phenomena. <i>Chemical Physics Letters</i> , 2007, 438, 144-147.	2.6	22
23	Adsorption phenomenon and external field effect on an isotropic liquid containing impurities. <i>Physical Review E</i> , 2001, 64, 021101.	2.1	21
24	Fractional diffusion equation with an absorbent term and a linear external force: Exact solution. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 366, 346-350.	2.1	21
25	Adsorption phenomenon of neutral particles and a kinetic equation at the interface. <i>Physical Review E</i> , 2004, 70, 031605.	2.1	20
26	Asymmetric ionic adsorption and cell polarization in liquid crystals. <i>Journal of Applied Physics</i> , 2000, 87, 2646-2648.	2.5	19
27	A framework to investigate the immittance responses for finite length-situations: Fractional diffusion equation, reaction term, and boundary conditions. <i>Journal of Electroanalytical Chemistry</i> , 2014, 712, 82-88.	3.8	19
28	Theoretical analysis of actual surfaces: The effect on the nematic orientation. <i>Physical Review E</i> , 1993, 48, 1163-1171.	2.1	18
29	Generalization of Berreman's model to the case of large amplitude of the grooves. <i>Physical Review E</i> , 2008, 77, 051703.	2.1	18
30	Anomalous diffusion and memory effects on the impedance spectroscopy for finite-length situations. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 485005.	1.8	18
31	Impittance response of an electrolytic cell in the presence of adsorption, generation, and recombination of ions. <i>Journal of Electroanalytical Chemistry</i> , 2012, 682, 116-120.	3.8	18
32	Photomanipulation of the anchoring strength of a photochromic nematic liquid crystal. <i>Physical Review E</i> , 2002, 65, 041719.	2.1	17
33	Fractional Schrödinger equation with noninteger dimensions. <i>Applied Mathematics and Computation</i> , 2012, 219, 2313-2319.	2.2	17
34	Equilibrium modeling of ion adsorption based on Poisson-Boltzmann equation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 468, 159-166.	4.7	17
35	Ion Motion in Electrolytic Cells: Anomalous Diffusion Evidences. <i>Journal of Physical Chemistry B</i> , 2017, 121, 2882-2886.	2.6	17
36	Periodic distortions in lyotropic nematic calamitic liquid crystals. <i>Physical Review E</i> , 1996, 54, 3765-3770.	2.1	16

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37	Anchoring strength of a lyotropic nematic liquid crystal. <i>Physical Review E</i> , 1995, 51, R5204-R5207.	2.1	15
38	Elastic constants in a pseudomolecular approach for a mixed Maier-Saupe and Nehring-Saupe interaction law. <i>Physical Review E</i> , 1998, 58, 3245-3250.	2.1	15
39	Some results for a fractional diffusion equation with radial symmetry in a confined region. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 806-810.	2.6	15
40	Solutions for a non-Markovian diffusion equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 374, 4193-4198.	2.1	15
41	Spontaneous periodic distortions in nematic liquid crystals: Dependence on the tilt angle. <i>Physical Review E</i> , 2003, 67, 051708.	2.1	14
42	Phonon-like roton-like elementary excitations and low-temperature behaviour of non-crystalline solids. <i>Philosophical Magazine</i> , 2006, 86, 227-235.	1.6	14
43	Fractional diffusion equation in a confined region: Surface effects and exact solutions. <i>Physical Review E</i> , 2007, 76, 032102.	2.1	14
44	On the equivalence between specific adsorption and kinetic equation descriptions of the admittance response in electrolytic cells. <i>Journal of Chemical Physics</i> , 2013, 138, 114702.	3.0	14
45	Nonlocal Diffusion in Porous Media: A Spatial Fractional Approach. <i>Journal of Engineering Mechanics - ASCE</i> , 2017, 143, .	2.9	14
46	Extensions and solutions for nonlinear diffusion equations and random walks. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2019, 475, 20190432.	2.1	14
47	Comment on "Optical determination of flexoelectric coefficients and surface polarization in a hybrid aligned nematic cell": <i>Physical Review E</i> , 2003, 68, 023701; author reply 023702.	2.1	13
48	Contribution of the ionic adsorption phenomenon to the effective anchoring energy of a nematic liquid-crystal sample. <i>Physical Review E</i> , 2003, 68, 040701.	2.1	13
49	Solutions for a fractional diffusion equation with spherical symmetry using Green function approach. <i>Chemical Physics</i> , 2008, 344, 90-94.	1.9	13
50	LATTICE SPIN SIMULATIONS OF TOPOLOGICAL DEFECTS IN NEMATIC FILMS WITH HYBRID SURFACE ALIGNMENTS. <i>International Journal of Modern Physics C</i> , 2011, 22, 505-516.	1.7	13
51	Statistical interpretation of the kinetic equation in the adsorption problem. <i>European Physical Journal E</i> , 2004, 15, 3-8.	1.6	12
52	Walls of orientation induced in nematic-liquid-crystal samples by inhomogeneous surfaces. <i>Physical Review E</i> , 1994, 50, 2120-2133.	2.1	11
53	Critical exponents for Fredericksz transition in nematics between concentric cylinders. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 945-950.	2.6	11
54	Intermittent Motion, Nonlinear Diffusion Equation and Tsallis Formalism. <i>Entropy</i> , 2017, 19, 42.	2.2	11

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55	On the Defect Structure of Biaxial Nematic Droplets. <i>Scientific Reports</i> , 2018, 8, 2130.	3.3	11
56	Nonlocal effects on the thermal behavior of non-crystalline solids. <i>Brazilian Journal of Physics</i> , 2009, 39, 507-510.	1.4	10
57	Computer simulations of the ordering in a hybrid cylindrical film of nematic liquid crystals. <i>Physical Review E</i> , 2011, 84, 041705.	2.1	10
58	Molecular organization of nematic liquid crystals between concentric cylinders: Role of the elastic anisotropy. <i>Physical Review E</i> , 2015, 91, 022501.	2.1	10
59	A continuum description for cholesteric and nematic twist-bend phases based on symmetry considerations. <i>Liquid Crystals</i> , 0, , 1-7.	2.2	10
60	Anomalous diffusion and transport in heterogeneous systems separated by a membrane. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2016, 472, 20160502.	2.1	10
61	Reliability of Poissonâ€Nernstâ€Planck Anomalous Models for Impedance Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7885-7892.	2.6	10
62	Interfacial energy for nematic liquid crystals : beyond the spherical approximation. <i>Journal De Physique II</i> , 1994, 4, 1519-1540.	0.9	10
63	Micellar shape anisotropy and elastic constants in discotic lyotropic liquid crystals. <i>Physical Review E</i> , 1999, 60, 6195-6198.	2.1	9
64	Concentration dependence of the scalar order parameter in liquid-crystalline systems with variable molecular shape. <i>Physical Review E</i> , 2000, 61, 2749-2752.	2.1	9
65	Effect of microtextured substrates on the molecular orientation of a nematic liquid-crystal sample. <i>Physical Review E</i> , 2005, 72, 031710.	2.1	9
66	Exact solutions for a forced Burgers equation with a linear external force. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 2690-2696.	2.6	9
67	Solutions for a diffusion equation with a backbone term. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P02022.	2.3	9
68	Currentâ€Voltage Characteristics and Impedance Spectroscopy: Surface Conduction and Adsorptionâ€Desorption Effects in Electrolytic Cells. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3150-3158.	3.1	9
69	Role of the linear elastic term in the spatial derivatives of the nematic director in a 1D geometry. <i>Liquid Crystals</i> , 2003, 30, 633-642.	2.2	8
70	Phenomenological analysis of the light intensity dependence of the photoalignment process in azo-containing polymeric films. <i>Physical Review E</i> , 2006, 74, 011802.	2.1	8
71	Results for a fractional diffusion equation with a nonlocal term in spherical symmetry. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 6121-6124.	2.1	8
72	Elastic constants of a nematic liquid crystal: Quadrupoleâ€quadrupole interaction in the ellipsoidal approximation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 6521-6526.	2.1	8

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73	Current measurements across a nematic cell submitted to an external voltage and its equivalent electrical circuit. <i>Chemical Physics Letters</i> , 2008, 461, 164-169.	2.6	8
74	Surface induced twist in nematic and chiral nematic liquid crystals: stick-slip-like and constrained motion. <i>Soft Matter</i> , 2018, 14, 2084-2093.	2.7	8
75	Fractional Schrödinger equation and anomalous relaxation: Nonlocal terms and delta potentials. <i>Modern Physics Letters A</i> , 2021, 36, 2140004.	1.2	8
76	Ecosystem multifunctionality and stability are enhanced by macrophyte richness in mesocosms. <i>Aquatic Sciences</i> , 2021, 83, 1.	1.5	8
77	Frustrated structures and pattern formation after thermal quenches in cholesteric liquid crystal droplets. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8623-8639.	5.5	8
78	Exact solutions for a diffusion equation with a nonlinear external force. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 2359-2363.	2.1	7
79	Effect of surface viscosity, anchoring energy, and cell gap on the response time of nematic liquid crystals. <i>Annals of Physics</i> , 2014, 346, 14-21.	2.8	7
80	Nematic liquid crystals in planar and cylindrical hybrid cells: Role of elastic anisotropy on the director deformations. <i>Physical Review E</i> , 2015, 92, 012501.	2.1	7
81	Phenomenological adsorption isotherm for a binary system based on Poisson-Boltzmann equation. <i>Surfaces and Interfaces</i> , 2018, 10, 50-57.	3.0	7
82	Anomalous Diffusion and Surface Effects on the Electric Response of Electrolytic Cells. <i>Physchem</i> , 2022, 2, 163-178.	1.1	7
83	Two-step renormalisation group approach for randomly diluted Ising models. <i>Journal of Physics A</i> , 1985, 18, L389-L394.	1.6	6
84	Effective Screening Length of Isotropic Liquid Samples Submitted to an Applied Voltage. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10186-10189.	2.6	6
85	Semiclassical approximation for the specific heat of non-crystalline solids at intermediate temperatures. <i>Philosophical Magazine</i> , 2007, 87, 291-297.	1.6	6
86	A density study of the textural transition in the nematic phases of a dimerized system. <i>Journal of Molecular Liquids</i> , 2007, 133, 43-46.	4.9	6
87	Solutions for a fractional nonlinear diffusion equation with external force and absorbent term. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P02048.	2.3	6
88	A model for selective adsorption with a localized adsorption energy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 358, 149-152.	4.7	6
89	Surface viscosity and reorientation process in an asymmetric nematic cell. <i>Liquid Crystals</i> , 2010, 37, 1559-1568.	2.2	6
90	Molecular Orientation of a Nematic Between Concentric Cylinders: Weak Anchoring Situation. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 526, 82-92.	0.9	6

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91	Electrical current profile of a confined isotropic liquid sample: Biological systems and liquid crystals applications. <i>Chemical Physics Letters</i> , 2013, 588, 87-90.	2.6	6
92	Nematics in Hybrid Cylindrical Cells. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 576, 42-52.	0.9	6
93	The phase transition in amphiphilic monolayers: isotherms in the cluster variation method. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 5323-5334.	1.8	5
94	Local self-consistent approach to the phase transition at the nematic liquid-crystal-wall interface. <i>Physical Review E</i> , 2002, 65, 031708.	2.1	5
95	Effect of the incomplete interaction on the nematic-isotropic transition at the nematic-wall interface. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 324, 198-202.	2.1	5
96	Destabilizing effect of a surface electric field generated by ionic adsorption on the molecular orientation of nematic liquid crystals. <i>European Physical Journal E</i> , 2005, 16, 267-272.	1.6	5
97	Adsorption-desorption phenomenon and the kinetic equation at interfaces in liquid crystalline systems. <i>Liquid Crystals</i> , 2006, 33, 1-15.	2.2	5
98	Ionic contribution to the electric current in an electrolytic cell submitted to an external voltage. <i>Physical Review E</i> , 2006, 74, 022501.	2.1	5
99	Fokker-Planck equation in a wedge domain: Anomalous diffusion and survival probability. <i>Physical Review E</i> , 2009, 80, 021131.	2.1	5
100	The soundscape dynamics of human agglomeration. <i>New Journal of Physics</i> , 2011, 13, 023028.	2.9	5
101	Exact propagator for a Fokker-Planck equation, first passage time distribution, and anomalous diffusion. <i>Journal of Mathematical Physics</i> , 2011, 52, 083301.	1.1	5
102	A Poisson-Boltzmann description for the double-layer capacitance of an electrolytic cell. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012, 376, 3382-3385.	2.1	5
103	Comparison of diversity indices applied to macrophyte incidence-based data. <i>Brazilian Archives of Biology and Technology</i> , 2012, 55, 277-282.	0.5	5
104	Anomalous Diffusion Effects on the Electrical Impedance Response of Liquid-Crystalline Systems. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 576, 23-31.	0.9	5
105	Adsorption-desorption phenomena and diffusion of neutral particles in the hyperbolic regime. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 015002.	2.1	5
106	Behaviour of twist-bend nematic structure under a uniform magnetic field. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 649, 71-78.	0.9	5
107	Computer simulation of a nematic hybrid cell: The effects of elastic anisotropy. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 649, 86-93.	0.9	5
108	On the validity of the elastic model for the nematic surface anchoring energy. <i>Liquid Crystals</i> , 1996, 20, 105-108.	2.2	4

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109	Bend and splay elastic constants at a reentrant isotropic $\rightarrow$ calamitic-nematic phase transition. <i>Physical Review E</i> , 2005, 72, 031707.	2.1	4
110	A Model for Selective Ion Adsorption Including van der Waals Interaction. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1693-1698.	2.6	4
111	Generalized entropy indices to measure $\hat{I}^{\pm}$ and $\hat{I}^2$ -diversities of macrophytes. <i>Brazilian Journal of Physics</i> , 2009, 39, 369-401.	1.4	4
112	Solutions of Some Nonlinear Diffusion Equations and Generalized Entropy Framework. <i>Entropy</i> , 2013, 15, 3931-3940.	2.2	4
113	Symmetry breaking in an electrolytic cell under AC field and non-identical adsorbing electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2017, 789, 44-49.	3.8	4
114	Elastic anisotropy effects on the electrical responses of a thin sample of nematic liquid crystal. <i>Physical Review E</i> , 2017, 95, 032704.	2.1	4
115	Role of the surface anchoring energy on the spontaneous modulated pattern formation of hybrid aligned cholesteric liquid crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 657, 107-115.	0.9	4
116	Intrinsic characteristic times in the drift-diffusion problem. <i>Liquid Crystals</i> , 2004, 31, 1399-1405.	2.2	3
117	Dependence of the Anchoring Energy on the Applied Voltage in a Nematic Cell. <i>Journal of Physical Chemistry B</i> , 2006, 110, 11047-11049.	2.6	3
118	Reorientation effect and electrical current in a weakly anchored nematic cell. <i>Physical Review E</i> , 2009, 80, 041702.	2.1	3
119	Coarse-grained model of the nematic twist-bend phase from a stable state elastic energy. <i>Physical Review E</i> , 2020, 101, 012702.	2.1	3
120	Frequency dispersion in the fractional Langmuir approximation for the adsorption $\leftrightarrow$ desorption phenomena. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20190570.	2.1	3
121	Solutions for a hyperbolic diffusion equation with linear reaction terms. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 113205.	2.3	3
122	Influence of spatial inhomogeneities on the Fr $\ddot{e}$ edericksz threshold. <i>Physical Review E</i> , 1995, 52, 1220-1222.	2.1	2
123	Surface defects and forces in nematic liquid crystal samples. <i>Physical Review E</i> , 1996, 53, 4202-4205.	2.1	2
124	Dynamical behavior of the director field for splay-bend deformations in nematic liquid crystals. <i>Physical Review E</i> , 2005, 72, 042701.	2.1	2
125	Surface viscosity and anchoring energy effects on the relaxation of a nematic liquid crystal cell. <i>Liquid Crystals</i> , 2012, 39, 647-654.	2.2	2
126	Field effects on inversion walls in nematic films: A computer simulation study. <i>International Journal of Modern Physics C</i> , 2016, 27, 1650114.	1.7	2



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127	Space-time fractional diffusion equations in $d$ -dimensions. Journal of Mathematical Physics, 2021, 62, .	1.1	2
128	Critical Properties of Bond and Site Diluted Triangular Lattice Ising Model. Physica Status Solidi (B): Basic Research, 1986, 137, K31.	1.5	1
129	Deformation free energy and elastic description of a self-assembled system. Physical Review E, 2004, 70, 041407.	2.1	1
130	Exact tilt angle profiles for splay-bend deformations in nematic liquid crystals. Liquid Crystals, 2006, 33, 409-415.	2.2	1
131	Solution of the mixed Dirichlet-Neumann problem for molecular orientation in liquid crystals. Liquid Crystals, 2007, 34, 1107-1114.	2.2	1
132	Ion adsorption and external electric field effects on isotropic liquids using a Fermi-like distribution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 388, 77-83.	4.7	1
133	Modeling Nematic Liquid Crystals: Analytical Solution for the Balance of Torques Equation With Moment of Inertia and Surface Viscosity. Molecular Crystals and Liquid Crystals, 2013, 576, 32-41.	0.9	1
134	Pseudo-molecular approach for the elastic constants of nematic liquid crystals interacting via anisotropic dispersion forces. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 453-458.	2.1	1
135	Effect of Surface Anchoring on Creation of Defects in a Nematic Film. A Monte Carlo Simulation. Molecular Crystals and Liquid Crystals, 2015, 614, 137-143.	0.9	1
136	Modulated phases as variational solutions in liquid-crystalline systems. Molecular Crystals and Liquid Crystals, 2017, 657, 72-80.	0.9	1
137	Influence of boundary conditions on the order and defects of biaxial nematic droplets. Physical Review E, 2019, 100, 032702.	2.1	1
138	Elastic constants and the formation of topological defects in hybrid nematic cells: A Monte Carlo study. Physical Review E, 2020, 102, 042702.	2.1	1
139	A Model for Bias Potential Effects on the Effective Langmuir Adsorption-Desorption Processes. Electronic Materials, 2021, 2, 125-141.	1.9	1
140	The low-frequency limiting behavior of ambipolar diffusive models of impedance spectroscopy. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 123206.	2.3	1
141	Tilt Angle Profiles for Splay-Bend Deformations in a Nematic Sample Submitted to an External Field. Molecular Crystals and Liquid Crystals, 2006, 449, 191-200.	0.9	0
142	Surface stabilized layer of a surface drying phase. Chemical Physics Letters, 2007, 434, 144-148.	2.6	0
143	Perturbative Approach to the Relaxation of the Nematic Deformation: Surface Viscosity and Electric Field. Molecular Crystals and Liquid Crystals, 2011, 546, 57/[1527]-66/[1536].	0.9	0
144	Anomalous Decay in Short Time Response of Ternary Mixtures with Ferrofluid. Brazilian Journal of Physics, 2012, 42, 14-19.	1.4	0

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145	The Kramersâ€“Kronig relations for usual and anomalous Poissonâ€“Nernstâ€“Planck models. Journal of Physics Condensed Matter, 2013, 25, 465104.	1.8	0
146	Role of Van der Waals Interaction on Selective Ion Adsorption in Liquid Crystals. Molecular Crystals and Liquid Crystals, 2013, 576, 118-126.	0.9	0
147	Effect of dynamically changing the substrateâ€™s easy axis on the response time of nematic samples. Journal of Physics Condensed Matter, 2018, 30, 505401.	1.8	0
148	Molecular Ordering of Nematics Between Concentric Cylinders: Results and Perspectives. Molecular Crystals and Liquid Crystals, 2019, 683, 56-68.	0.9	0
149	Topological defects in nematic films between planar degenerate surfaces. A Monte Carlo study. International Journal of Modern Physics C, 0, , 2250016.	1.7	0
150	Sorptionâ€“desorption, surface diffusion, and memory effects in a 3D system. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 113202.	2.3	0