

# Alessandra Adrover

## List of Publications by Year in descending order

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143  
papers

1,814  
citations

304602

22  
h-index

377752

34  
g-index

144  
all docs

144  
docs citations

144  
times ranked

1191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Similar Spatiotemporal Structure of Intermaterial Boundaries in Chaotic Flows. <i>Physical Review Letters</i> , 1998, 81, 3395-3398.	2.9	112
2	Characterization of thin wall Pd–Ag rolled membranes. <i>International Journal of Hydrogen Energy</i> , 2003, 28, 105-112.	3.8	52
3	The intermaterial area density generated by time- and spatially periodic 2D chaotic flows. <i>Chemical Engineering Science</i> , 2000, 55, 1497-1508.	1.9	51
4	Effect of glycerol on the physical and mechanical properties of thin gellan gum films for oral drug delivery. <i>International Journal of Pharmaceutics</i> , 2018, 547, 226-234.	2.6	49
5	The geometry of mixing in time-periodic chaotic flows. I. Asymptotic directionality in physically realizable flows and global invariant properties. <i>Physica D: Nonlinear Phenomena</i> , 1999, 132, 298-324.	1.3	48
6	Design of a tunable nanocomposite double network hydrogel based on gellan gum for drug delivery applications. <i>European Polymer Journal</i> , 2018, 104, 184-193.	2.6	47
7	Is Tsallis Thermodynamics Nonextensive?. <i>Physical Review Letters</i> , 2001, 88, 020601.	2.9	44
8	Eigenvalue–eigenfunction analysis of infinitely fast reactions and micromixing regimes in regular and chaotic bounded flows. <i>Chemical Engineering Science</i> , 2004, 59, 2125-2144.	1.9	41
9	Isothermal kinetics of char-coal gasification with pure CO <sub>2</sub> . <i>Fuel</i> , 2014, 123, 151-157.	3.4	41
10	Exact solution of linear transport equations in fractal media. I. Renormalization analysis and general theory. <i>Chemical Engineering Science</i> , 1996, 51, 4717-4729.	1.9	36
11	Two-layer shrinking-core model: parameter estimation for the reaction order in leaching processes. <i>Chemical Engineering Journal</i> , 2002, 90, 231-240.	6.6	36
12	Spectral Properties and Transport Mechanisms of Partially Chaotic Bounded Flows in the Presence of Diffusion. <i>Physical Review Letters</i> , 2004, 92, 114101.	2.9	36
13	Laminar dispersion at high Peclet numbers in finite-length channels: Effects of the near-wall velocity profile and connection with the generalized Leveque problem. <i>Physics of Fluids</i> , 2009, 21, .	1.6	35
14	A spectral approach to reaction/diffusion kinetics in chaotic flows. <i>Computers and Chemical Engineering</i> , 2002, 26, 125-139.	2.0	34
15	Feasibility, efficiency and transportability of short-horizon optimal mixing protocols. <i>Journal of Fluid Mechanics</i> , 2008, 597, 199-231.	1.4	33
16	Nonuniform Stationary Measure of the Invariant Unstable Foliation in Hamiltonian and Fluid Mixing Systems. <i>Physical Review Letters</i> , 1998, 81, 3864-3867.	2.9	31
17	In vitro dissolution testing of oral thin films: A comparison between USP 1, USP 2 apparatuses and a new millifluidic flow-through device. <i>Chemical Engineering Research and Design</i> , 2015, 95, 173-178.	2.7	31
18	Gellan Gum/Laponite Beads for the Modified Release of Drugs: Experimental and Modeling Study of Gastrointestinal Release. <i>Pharmaceutics</i> , 2019, 11, 187.	2.0	30

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19	Closed-form solution for the reconstruction problem in porous media. AICHE Journal, 1996, 42, 1407-1415.	1.8	28
20	Analytic expression for the short-time rate of growth of the intermaterial contact perimeter in two-dimensional chaotic flows and Hamiltonian systems. Physical Review E, 1998, 58, 447-458.	0.8	27
21	Convection-Dominated Dispersion Regime in Wide-Bore Chromatography: A Transport-Based Approach To Assess the Occurrence of Slip Flows in Microchannels. Analytical Chemistry, 2009, 81, 8009-8014.	3.2	25
22	Exact solution of linear transport equations in fractal mediaâ€”II. Diffusion and convection. Chemical Engineering Science, 1996, 51, 4731-4744.	1.9	24
23	Laminar dispersion at low and high Peclet numbers in finite-length patterned microtubes. Physics of Fluids, 2017, 29, .	1.6	23
24	DESIGN AND CHARACTERIZATION OF A BIOCOMPATIBLE PHYSICAL HYDROGEL BASED ON SCLEROGLUCAN FOR TOPICAL DRUG DELIVERY. Carbohydrate Polymers, 2017, 174, 960-969.	5.1	23
25	Experimental and Modeling Study of Drug Release from HPMC-Based Erodible Oral Thin Films. Pharmaceutics, 2018, 10, 222.	2.0	23
26	Exact solution of linear transport equations in fractal mediaâ€”III. Adsorption and chemical reaction. Chemical Engineering Science, 1996, 51, 5065-5076.	1.9	22
27	First-order kinetics in fractal catalysts: Renormalization analysis of the effectiveness factor. Chemical Engineering Science, 1996, 51, 2273-2282.	1.9	22
28	Geometry of Reaction Interfaces in Chaotic Flows. Physical Review Letters, 2001, 88, 024501.	2.9	22
29	Stress-induced diffusion of hydrogen in metallic membranes: cylindrical vs. planar formulation. I. Journal of Alloys and Compounds, 2003, 358, 268-280.	2.8	22
30	Stretching-based diagnostics and reduction of chemical kinetic models with diffusion. Journal of Computational Physics, 2007, 225, 1442-1471.	1.9	22
31	Analysis of controlled release in disordered structures: a percolation model. Journal of Membrane Science, 1996, 113, 21-30.	4.1	21
32	Taming axial dispersion in hydrodynamic chromatography columns through wall patterning. Physics of Fluids, 2018, 30, .	1.6	21
33	Exact moment analysis of transient dispersion properties in periodic media. Physics of Fluids, 2019, 31, .	1.6	21
34	Enhanced diffusion regimes in bounded chaotic flows. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 312, 355-362.	0.9	20
35	Release kinetics from oral thin films: Theory and experiments. Chemical Engineering Research and Design, 2015, 98, 188-201.	2.7	19
36	Laminar dispersion at low and high Peclet numbers in a sinusoidal microtube: Point-size versus finite-size particles. Physics of Fluids, 2019, 31, .	1.6	18

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37	Advection diffusion in nonchaotic closed flows: Non-Hermitian operators, universality, and localization. <i>Physical Review E</i> , 2004, 70, 046224.	0.8	17
38	Natural tangent dynamics with recurrent biorthonormalizations: A geometric computational approach to dynamical systems exhibiting slow manifolds and periodic/chaotic limit sets. <i>Physica D: Nonlinear Phenomena</i> , 2006, 213, 121-146.	1.3	16
39	Explosion limits and runaway criteria: A stretching-based approach. <i>Chemical Engineering Science</i> , 2007, 62, 1171-1183.	1.9	16
40	A moving boundary model for food isothermal drying and shrinkage: General setting. <i>Journal of Food Engineering</i> , 2019, 244, 178-191.	2.7	16
41	Non-uniform stationary measure properties of chaotic area-preserving dynamical systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 254, 451-465.	1.2	15
42	Construction of approximate inertial manifold by decimation of collocation equations of distributed parameter systems. <i>Computers and Chemical Engineering</i> , 2002, 26, 113-123.	2.0	14
43	Spectral characterization of mixing properties of annular MHD micromixers. <i>Microfluidics and Nanofluidics</i> , 2009, 6, 747-761.	1.0	14
44	Measure-theoretical properties of the unstable foliation of two-dimensional differentiable area-preserving systems. <i>Physical Review E</i> , 1999, 60, 347-362.	0.8	13
45	Quantitative Analysis of Mixing Structures in Chaotic Flows Generated by Infinitely Fast Reactions in the Presence of Diffusion. <i>Journal of Physical Chemistry A</i> , 2002, 106, 5722-5736.	1.1	13
46	Modified model for the regulation of the tryptophan operon in <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2002, 80, 297-304.	1.7	13
47	A closed-form solution of population-balance models for the dissolution of polydisperse mixtures. <i>Chemical Engineering Journal</i> , 2002, 87, 275-284.	6.6	13
48	Foundations of laminar chaotic mixing and spectral theory of linear operators. <i>Chemical Engineering Science</i> , 2006, 61, 2754-2761.	1.9	13
49	Convection-diffusion transport in disordered structures: Numerical analysis based on the exit-time equation. <i>Chemical Engineering Science</i> , 1995, 50, 1001-1011.	1.9	12
50	Controlled release of theophylline from water-swollen scleroglucan matrices. <i>Journal of Membrane Science</i> , 1996, 113, 7-20.	4.1	12
51	Hydrodynamic properties of fractals: Application of the lattice Boltzmann equation to transverse flow past an array of fractal objects. <i>International Journal of Multiphase Flow</i> , 1997, 23, 25-35.	1.6	12
52	On the Interplay between Advection and Diffusion in Closed Laminar Chaotic Flows. <i>Journal of Physical Chemistry A</i> , 2001, 105, 4908-4916.	1.1	12
53	Laminar convective heat transfer across fractal boundaries. <i>Europhysics Letters</i> , 2010, 90, 14002.	0.7	12
54	Scaling and scaling crossover for transport on anisotropic fractal structures. <i>Physical Review E</i> , 1997, 55, 7304-7312.	0.8	11

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55	Long-range correlation properties of area-preserving chaotic systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 253, 143-153.	1.2	11
56	The geometry of mixing in 2-d time-periodic chaotic flows. <i>Chemical Engineering Science</i> , 2000, 55, 381-389.	1.9	11
57	Structural modelling for the dissolution of non-porous ores: dissolution with sporulation. <i>Chemical Engineering Journal</i> , 2004, 99, 89-104.	6.6	11
58	Effect of secondary flows on dispersion in finite-length channels at high Peclet numbers. <i>Physics of Fluids</i> , 2013, 25, .	1.6	11
59	Wavelet-like collocation method for finite-dimensional reduction of distributed systems. <i>Computers and Chemical Engineering</i> , 2000, 24, 2687-2703.	2.0	10
60	Modal reduction of PDE models by means of Snapshot Archetypes. <i>Physica D: Nonlinear Phenomena</i> , 2003, 182, 23-45.	1.3	10
61	Steady-state concentration profiles of hydrogen in tubular metallic membranes. <i>International Journal of Hydrogen Energy</i> , 2003, 28, 1279-1284.	3.8	10
62	Slow Manifold Structure in Explosive Kinetics. 1. Bifurcations of Points-at-Infinity in Prototypical Models. <i>Journal of Physical Chemistry A</i> , 2006, 110, 13447-13462.	1.1	10
63	Spectral characterization of static mixers. The S-shaped micromixer as a case study. <i>AIChE Journal</i> , 2010, 56, 318-335.	1.8	10
64	A moving boundary model for food isothermal drying and shrinkage: A shortcut numerical method for estimating the shrinkage factor. <i>Journal of Food Engineering</i> , 2019, 244, 212-219.	2.7	10
65	Enhanced Loading Efficiency and Mucoadhesion Properties of Gellan Gum Thin Films by Complexation with Hydroxypropyl- $\beta$ -Cyclodextrin. <i>Pharmaceutics</i> , 2020, 12, 819.	2.0	10
66	Brownian Sieving Effect for Boosting the Performance of Microcapillary Hydrodynamic Chromatography. Proof of Concept. <i>Analytical Chemistry</i> , 2021, 93, 6808-6816.	3.2	10
67	Solution of Unsteady-State Shrinking-Core Models by Means of Spectral/Fixed-Point Methods: A Nonuniform Reactant Distribution and Nonlinear Kinetics. <i>Industrial &amp; Engineering Chemistry Research</i> , 1997, 36, 2452-2465.	1.8	8
68	EXTERIOR ALGEBRA-BASED ALGORITHMS TO ESTIMATE LIAPUNOV SPECTRA AND STRETCHING STATISTICS IN HIGH-DIMENSIONAL AND DISTRIBUTED SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2002, 12, 353-368.	0.7	8
69	Study of release kinetics and diffusion coefficients in swellable cellulosic thin films by means of a simple spectrophotometric technique. <i>Chemical Engineering Research and Design</i> , 2014, 92, 2550-2556.	2.7	8
70	Combining Electrostatic, Hindrance and Diffusive Effects for Predicting Particle Transport and Separation Efficiency in Deterministic Lateral Displacement Microfluidic Devices. <i>Biosensors</i> , 2020, 10, 126.	2.3	8
71	Taming Taylor-Aris dispersion through chaotic advection. <i>Journal of Chromatography A</i> , 2022, 1673, 463110.	1.8	8
72	Solution of Transport Schemes on Fractals by Means of Green Function Renormalization "Application to Integral Quantities. <i>Fractals</i> , 1997, 05, 473-491.	1.8	7

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73	Renormalization Analysis and Adsorption on Fractal and Disordered Lattices in the Presence of Energetic Disorder. <i>Langmuir</i> , 1997, 13, 1128-1137.	1.6	7
74	Tracer Dispersion in Stirred Tank Reactors: Asymptotic Properties and Mixing Characterization. <i>Canadian Journal of Chemical Engineering</i> , 2002, 80, 580-590.	0.9	7
75	Early stage oxidation of AISI 304 stainless steel: role of temperature and oxygen pressure. <i>Materials at High Temperatures</i> , 2009, 26, 31-38.	0.5	7
76	Swelling Kinetics of HPMC Tablets. <i>Chemical Engineering Communications</i> , 2015, 202, 876-884.	1.5	7
77	Gelation of the internal core of liposomes as a strategy for stabilization and modified drug delivery I. Physico-chemistry study. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119467.	2.6	7
78	Combined use of rheology and portable low-field NMR in cystic fibrosis patients. <i>Respiratory Medicine</i> , 2021, 189, 106623.	1.3	7
79	Comparison between one- and two-way coupling approaches for estimating effective transport properties of suspended particles undergoing Brownian sieving hydrodynamic chromatography. <i>Physics of Fluids</i> , 2022, 34, .	1.6	7
80	Simulation of Model Heterogeneous Surfaces in the Presence of Correlation. <i>Langmuir</i> , 1996, 12, 4272-4280.	1.6	6
81	Effects of self-stress on hydrogen diffusion in Pd membranes in the coexistence of $\hat{\mu}$ and $\hat{\mu}^2$ phases. <i>Journal of Alloys and Compounds</i> , 2004, 368, 287-297.	2.8	6
82	On the use of the pulsed-convection approach for modelling advection-diffusion in chaotic flows – A prototypical example and direct numerical simulations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 348, 37-73.	1.2	6
83	The structure of slow invariant manifolds and their bifurcational routes in chemical kinetic models. <i>Computers and Chemical Engineering</i> , 2007, 31, 1456-1474.	2.0	6
84	Convection-dominated dispersion in channels with fractal cross-section. <i>Physics of Fluids</i> , 2011, 23, 013603.	1.6	6
85	Mass/heat transfer through laminar boundary layer in axisymmetric microchannels with nonuniform cross section and fixed wall concentration/temperature. <i>International Journal of Heat and Mass Transfer</i> , 2014, 68, 21-28.	2.5	6
86	On the long-term simulation of stochastic differential equations for predicting effective dispersion coefficients. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 543, 123392.	1.2	6
87	Brownian sieving enhancement of microcapillary hydrodynamic chromatography. Analysis of the separation performance based on Brenner's macro-transport theory. <i>Journal of Chromatography A</i> , 2021, 1659, 462652.	1.8	6
88	Analysis of linear transport phenomena on fractals. <i>The Chemical Engineering Journal and the Biochemical Engineering Journal</i> , 1996, 64, 45-61.	0.1	5
89	A predictive model for permeability of correlated porous media. <i>The Chemical Engineering Journal and the Biochemical Engineering Journal</i> , 1996, 64, 7-19.	0.1	5
90	Stress-induced diffusion of hydrogen in metallic membranes: cylindrical vs. planar formulation. II. <i>Journal of Alloys and Compounds</i> , 2003, 358, 157-167.	2.8	5

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91	Mass transfer through laminar boundary layer in microchannels with nonuniform cross section : The effect of wall shape and curvature. <i>International Journal of Heat and Mass Transfer</i> , 2013, 60, 624-631.	2.5	5
92	On the Three-Dimensional Structure of the Flow through Deterministic Lateral Displacement Devices and Its Effects on Particle Separation. <i>Processes</i> , 2019, 7, 498.	1.3	5
93	Space-time resolution of size-dispersed suspensions in Deterministic Lateral Displacement microfluidic devices. <i>European Physical Journal: Special Topics</i> , 2019, 228, 5-23.	1.2	5
94	Swelling and Drug Release in Polymers through the Theory of Poisson-Kac Stochastic Processes. <i>Gels</i> , 2021, 7, 32.	2.1	5
95	Influence of local fields on macroscopic transport coefficients. <i>Chemical Engineering Science</i> , 1993, 48, 1933-1943.	1.9	4
96	Invariant properties of a class of exactly solvable mixing transformations – A measure-theoretical approach to model the evolution of material lines advected by chaotic flows. <i>Chaos, Solitons and Fractals</i> , 2000, 11, 607-630.	2.5	4
97	Invariant geometric properties of a class of 3D chaotic flows. <i>Physica D: Nonlinear Phenomena</i> , 2000, 140, 50-68.	1.3	4
98	Global geometry and coarse-grained formulation of the evolution of pointwise intermaterial interface measure in chaotic flows. <i>Chemical Engineering Science</i> , 2001, 56, 3387-3399.	1.9	4
99	Slow Manifold Structure in Explosive Kinetics. 2. Extension to Higher Dimensional Systems. <i>Journal of Physical Chemistry A</i> , 2006, 110, 13463-13474.	1.1	4
100	Spectral analysis of the weighted Laplacian in slip and no-slip flows. <i>Physical Review E</i> , 2009, 80, 066302.	0.8	4
101	Simplified analysis of chromatographic-column dynamics. <i>Chemical Engineering Science</i> , 1994, 49, 541-547.	1.9	3
102	A Versatile Lattice Simulator for Fluid-Solid Noncatalytic Reactions in Complex Media. <i>Industrial &amp; Engineering Chemistry Research</i> , 1997, 36, 4993-5009.	1.8	3
103	Probabilistic Analysis of the Dual Site-Bond Model: The Self-Consistent Case. <i>Langmuir</i> , 1999, 15, 5961-5969.	1.6	3
104	Closed-form solution of abrasion and abrasion-dissolution kinetic models. <i>Chemical Engineering Journal</i> , 2003, 94, 127-137.	6.6	3
105	Biorthogonalization, geometric invariant properties and rate-based estimate of Lyapunov spectra. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005, 342, 421-429.	0.9	3
106	A Non-Isothermal Moving-Boundary Model for Continuous and Intermittent Drying of Pears. <i>Foods</i> , 2020, 9, 1577.	1.9	3
107	3-D Modeling of Dehydration Kinetics and Shrinkage of Ellipsoidal Fermented Amazonian Cocoa Beans. <i>Processes</i> , 2020, 8, 150.	1.3	3
108	Effect of chest physiotherapy on cystic fibrosis sputum nanostructure: an experimental and theoretical approach. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1943-1958.	3.0	3

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109	NONLINEAR REACTION DIFFUSION SCHEMES IN CONTINUOUS KINETICS. Chemical Engineering Communications, 1994, 128, 173-196.	1.5	2
110	Multicomponent percolation: Probabilistic properties and application to nonisothermal reactions in granular materials. Physical Review E, 1994, 49, 5287-5294.	0.8	2
111	Models of adsorption kinetics on rough surfaces. Studies in Surface Science and Catalysis, 1997, 109, 241-250.	1.5	2
112	Geometric and statistical properties in the evolution of material surfaces in three-dimensional chaotic flows. Physics of Fluids, 2001, 13, 1254-1262.	1.6	2
113	The sporulation model for manganiferous ore dissolution. Chemical Engineering Science, 2004, 59, 5107-5112.	1.9	2
114	Influence of surface heterogeneity in electroosmotic flows—Implications in chromatography, fluid mixing, and chemical reactions in microdevices. Applied Surface Science, 2007, 253, 5785-5790.	3.1	2
115	Scaling of the density of state of the weighted Laplacian in the presence of fractal boundaries. Physical Review E, 2010, 81, 027202.	0.8	2
116	A moving boundary model for food isothermal drying and shrinkage: One-dimensional versus two-dimensional approaches. Journal of Food Process Engineering, 2019, 42, e13178.	1.5	2
117	A Moving Boundary Model for Isothermal Drying and Shrinkage of Chayote Discoid Samples: Comparison between the Fully Analytical and the Shortcut Numerical Approaches. International Journal of Chemical Engineering, 2019, 2019, 1-13.	1.4	2
118	Gelation of the internal core of liposomes as a strategy for stabilization and modified drug delivery II. Theoretical analysis and modelling of in-vitro release experiments. International Journal of Pharmaceutics, 2020, 585, 119471.	2.6	2
119	Inertial effects and long-term transport properties of particle motion in washboard potential. Physica A: Statistical Mechanics and Its Applications, 2022, 585, 126407.	1.2	2
120	Reconstruction of Nonhomogeneous Porous Media. Industrial & Engineering Chemistry Research, 1997, 36, 5010-5014.	1.8	1
121	Geometric properties of quasiperiodic orbits of 2D Hamiltonian systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 259, 451-459.	0.9	1
122	Dynamic behavior of a reaction/diffusion system: wavelet-like collocations and approximate inertial manifolds. , 0, , .		1
123	Experimental validation of a correlation-based model for permeability. Chemical Engineering Science, 2003, 58, 2449-2454.	1.9	1
124	Symmetric product measures: Binomial processes and invariant manifold intersections in dynamical systems. Physica A: Statistical Mechanics and Its Applications, 2005, 356, 447-467.	1.2	1
125	Characterizing relaxation timescales and overall steady-state efficiency of continuous inflow-outflow micromixers. Houille Blanche, 2009, 95, 135-142.	0.3	1
126	Invariant manifold approach for quantifying the dynamics of highly inertial particles in steady and time-periodic incompressible flows. Chaos, 2022, 32, 023121.	1.0	1



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127	Transport in porous packings: Statistical characterization of transport, role of fluctuation and data analysis. <i>Environmetrics</i> , 1993, 4, 255-277.	0.6	0
128	PREDICTION OF TRANSPORT PARAMETERS IN DISORDERED STRUCTURES: TOWARDS AN INTEGRATED LATTICE SIMULATOR. <i>Fractals</i> , 1994, 02, 287-290.	1.8	0
129	Local porosity analysis of disordered porous matrices. <i>Studies in Surface Science and Catalysis</i> , 1994, 87, 197-206.	1.5	0
130	Stochastic Analysis of Dispersion in Size-Exclusion Chromatographic Columns. <i>Studies in Surface Science and Catalysis</i> , 1994, 87, 373-382.	1.5	0
131	Continuous formulation of global invariant properties of 2D time-periodic chaotic flows. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999, 256, 31-38.	0.9	0
132	Shortcut Method for Lumping Diffusion~Reaction Kinetics in Lamellar Systems. <i>Industrial &amp; Engineering Chemistry Research</i> , 1999, 38, 4985-4992.	1.8	0
133	Coarse-grained formulation for the time evolution of intermaterial contact area density in mixing systems. <i>Computer Aided Chemical Engineering</i> , 2000, , 451-456.	0.3	0
134	Invariant structures and multifractal measures in 2d mixing systems. , 2005, , 141-155.		0
135	Swelling and drug release from oral thin films (OTFs). <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
136	Application of the theory of stochastic processes possessing finite propagation velocity to transport problems in polymeric systems. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	0
137	Space-Time Inversion of Stochastic Dynamics. <i>Symmetry</i> , 2020, 12, 839.	1.1	0
138	Significance of Rarefaction, Streamwise Conduction, and Viscous Dissipation on the Extended Graetz~Nusselt Problem: The Case of Finite-Length Microchannels with Prescribed Wall Heat Flux. <i>International Journal of Chemical Engineering</i> , 2020, 2020, 1-15.	1.4	0
139	On Some Properties of Three-dimensional Mixing Systems. , 2002, , 1-20.		0
140	Collocation Methods and Inertial Manifold Theory for the Modal Reduction of Dissipative Distributed Systems. , 2002, , 21-37.		0
141	Transport Phenomena on Fractals and Green-Function Renormalization. , 1997, , 308-322.		0
142	Mathematical Modelling in Food Science through the Paradigm of Eggplant Drying. , 2020, , 276-293.		0
143	On the dynamic role of energy in underdamped particle motion. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 597, 127285.	1.2	0