

Kathleen J Stebe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7424936/publications.pdf>

Version: 2024-02-01

136
papers

7,005
citations

50244

46
h-index

66879

78
g-index

141
all docs

141
docs citations

141
times ranked

7581
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Topography-Adaptive Robotic Superstructures for Biofilm Removal and Pathogen Detection on Human Teeth. <i>ACS Nano</i> , 2022, 16, 11998-12012.	7.3	20
2	Dynamic and mechanical evolution of an oil-water interface during bacterial biofilm formation. <i>Soft Matter</i> , 2021, 17, 8195-8210.	1.2	5
3	Driven and active colloids at fluid interfaces. <i>Journal of Fluid Mechanics</i> , 2021, 914, .	1.4	15
4	Fabrication and application of bicontinuous interfacially jammed emulsions gels. <i>Applied Physics Reviews</i> , 2021, 8, .	5.5	17
5	Interfacial Flow around Brownian Colloids. <i>Physical Review Letters</i> , 2021, 126, 228003.	2.9	14
6	Polymer-Infiltrated Nanoparticle Films Using Capillarity-Based Techniques: Toward Multifunctional Coatings and Membranes. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2021, 12, 411-437.	3.3	17
7	Effect of polymer-nanoparticle interactions on solvent-driven infiltration of polymer (SIP) into nanoparticle packings: a molecular dynamics study. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 666-674.	1.7	10
8	Effect of Confinement on Solvent-Driven Infiltration of the Polymer into Nanoparticle Packings. <i>Macromolecules</i> , 2020, 53, 6740-6746.	2.2	6
9	Dimerization and structure formation of colloids via capillarity at curved fluid interfaces. <i>Soft Matter</i> , 2020, 16, 5861-5870.	1.2	2
10	Fabrication of solvent transfer-induced phase separation bijels with mixtures of hydrophilic and hydrophobic nanoparticles. <i>Soft Matter</i> , 2020, 16, 5848-5853.	1.2	8
11	Motile Bacteria at Oil-Water Interfaces: <i>Pseudomonas aeruginosa</i> . <i>Langmuir</i> , 2020, 36, 6888-6902.	1.6	34
12	Scalable Manufacturing of Bending-Induced Surface Wrinkles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7658-7664.	4.0	19
13	Directed assembly and micro-manipulation of passive particles at fluid interfaces via capillarity using a magnetic micro-robot. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	19
14	Scalable Manufacturing of Hierarchical Biphasic Bicontinuous Structures via Vaporization-Induced Phase Separation (VIPS). , 2020, 2, 524-530.		16
15	Scalable Synthesis of Janus Particles with High Naturality. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17680-17686.	3.2	16
16	Janus Particles with Varying Configurations for Emulsion Stabilization. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 20961-20968.	1.8	40
17	Deck the Walls with Anisotropic Colloids in Nematic Liquid Crystals. <i>Langmuir</i> , 2019, 35, 9274-9285.	1.6	9
18	Colloids in confined liquid crystals: a plot twist in the lock-and-key mechanism. <i>Soft Matter</i> , 2019, 15, 5220-5226.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Catalytic antimicrobial robots for biofilm eradication. <i>Science Robotics</i> , 2019, 4, .	9.9	154
20	Bicontinuous Interfacially Jammed Emulsion Gels (bijels) as Media for Enabling Enzymatic Reactive Separation of a Highly Water Insoluble Substrate. <i>Scientific Reports</i> , 2019, 9, 6363.	1.6	16
21	Cellular sensing of micron-scale curvature: a frontier in understanding the microenvironment. <i>Open Biology</i> , 2019, 9, 190155.	1.5	36
22	Robust Bijels for Reactive Separation via Silica-Reinforced Nanoparticle Layers. <i>ACS Nano</i> , 2019, 13, 26-31.	7.3	57
23	Polymer blend-filled nanoparticle films via monomer-driven infiltration of polymer and photopolymerization. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 96-102.	1.7	18
24	Capillary Assembly of Colloids: Interactions on Planar and Curved Interfaces. <i>Annual Review of Condensed Matter Physics</i> , 2018, 9, 283-305.	5.2	84
25	Elastocapillary Driven Assembly of Particles at Free-Standing Smectic-A Films. <i>Langmuir</i> , 2018, 34, 2006-2013.	1.6	12
26	Gaussian Curvature Directs Stress Fiber Orientation and Cell Migration. <i>Biophysical Journal</i> , 2018, 114, 1467-1476.	0.2	75
27	One-Step Generation of Salt-Responsive Polyelectrolyte Microcapsules via Surfactant-Organized Nanoscale Interfacial Complexation in Emulsions (SO NICE). <i>Langmuir</i> , 2018, 34, 847-853.	1.6	20
28	Tunable colloid trajectories in nematic liquid crystals near wavy walls. <i>Nature Communications</i> , 2018, 9, 3841.	5.8	32
29	Shaping nanoparticle fingerprints at the interface of cholesteric droplets. <i>Science Advances</i> , 2018, 4, eaat8597.	4.7	23
30	Experiments and open-loop control of multiple catalytic microrobots. <i>Journal of Micro-Bio Robotics</i> , 2018, 14, 25-34.	2.1	17
31	Edges impose planar alignment in nematic monolayers by directing cell elongation and enhancing migration. <i>Soft Matter</i> , 2018, 14, 6867-6874.	1.2	9
32	Cargo carrying bacteria at interfaces. <i>Soft Matter</i> , 2018, 14, 5643-5653.	1.2	26
33	<i>Candida albicans</i> stimulates <i>Streptococcus mutans</i> microcolony development via cross-kingdom biofilm-derived metabolites. <i>Scientific Reports</i> , 2017, 7, 41332.	1.6	148
34	Janus and patchy colloids at fluid interfaces. <i>Current Opinion in Colloid and Interface Science</i> , 2017, 30, 25-33.	3.4	77
35	Curvature-Driven Migration of Colloids on Tense Lipid Bilayers. <i>Langmuir</i> , 2017, 33, 600-610.	1.6	16
36	Multifunctional nanocomposite hollow fiber membranes by solvent transfer induced phase separation. <i>Nature Communications</i> , 2017, 8, 1234.	5.8	94

#	ARTICLE	IF	CITATIONS
37	Change in Stripes for Cholesteric Shells via Anchoring in Moderation. <i>Physical Review X</i> , 2017, 7, .	2.8	29
38	Solvent-Driven Infiltration of Polymer (SIP) into Nanoparticle Packings. <i>ACS Macro Letters</i> , 2017, 6, 1104-1108.	2.3	25
39	All-Aqueous Assemblies via Interfacial Complexation: Toward Artificial Cell and Microniche Development. <i>Langmuir</i> , 2017, 33, 10107-10117.	1.6	37
40	Curvature and Rho activation differentially control the alignment of cells and stress fibers. <i>Science Advances</i> , 2017, 3, e1700150.	4.7	73
41	Films of bacteria at interfaces. <i>Advances in Colloid and Interface Science</i> , 2017, 247, 561-572.	7.0	52
42	Rough Adhesive Hydrogels (RAD gels) for Underwater Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27409-27413.	4.0	36
43	E-selectin-mediated rolling facilitates pancreatic cancer cell adhesion to hyaluronic acid. <i>FASEB Journal</i> , 2017, 31, 5078-5086.	0.2	16
44	Tuning interfacial complexation in aqueous two phase systems with polyelectrolytes and nanoparticles for compound all water emulsion bodies (AWE-somes). <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23825-23831.	1.3	23
45	AWE-somes: All Water Emulsion Bodies with Permeable Shells and Selective Compartments. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25023-25028.	4.0	47
46	Films of Bacteria at Interfaces (FBI): Remodeling of Fluid Interfaces by <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2017, 7, 17864.	1.6	26
47	Curvature capillary repulsion. <i>Physical Review Fluids</i> , 2017, 2, .	1.0	9
48	Fine Golden Rings: Tunable Surface Plasmon Resonance from Assembled Nanorods in Topological Defects of Liquid Crystals. <i>Advanced Materials</i> , 2016, 28, 2731-2736.	11.1	50
49	Microbial Nanoculture as an Artificial Microniche. <i>Scientific Reports</i> , 2016, 6, 30578.	1.6	30
50	Lassoing saddle splay and the geometrical control of topological defects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7106-7111.	3.3	26
51	<i>In Situ</i> Mechanical Testing of Nanostructured Bijel Fibers. <i>ACS Nano</i> , 2016, 10, 6338-6344.	7.3	39
52	Experimental realization of the "lock-and-key" mechanism in liquid crystals. <i>Soft Matter</i> , 2016, 12, 6027-6032.	1.2	26
53	Dynamics of ordered colloidal particle monolayers at nematic liquid crystal interfaces. <i>Soft Matter</i> , 2016, 12, 4715-4724.	1.2	8
54	One-Step Generation of Cell-Encapsulating Compartments via Polyelectrolyte Complexation in an Aqueous Two Phase System. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25603-25611.	4.0	68

#	ARTICLE	IF	CITATIONS
55	Clickable Janus Particles. <i>Journal of the American Chemical Society</i> , 2016, 138, 11437-11440.	6.6	106
56	Around the corner: Colloidal assembly and wiring in groovy nematic cells. <i>Physical Review E</i> , 2016, 93, 032705.	0.8	19
57	Directed micro assembly of passive particles at fluid interfaces using magnetic robots. , 2016, , .		2
58	Curvature-driven assembly in soft matter. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150133.	1.6	14
59	Reply to the Comments on "Curvature capillary migration of microspheres" by P. Galatola and A. W&agrger. <i>Soft Matter</i> , 2016, 12, 333-336.	1.2	6
60	Continuous Fabrication of Hierarchical and Asymmetric Bijel Microparticles, Fibers, and Membranes by Solvent Transfer&agrduced Phase Separation (STRIPS). <i>Advanced Materials</i> , 2015, 27, 7065-7071.	11.1	122
61	Elastocapillary interactions on nematic films. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6336-6340.	3.3	21
62	Direct mapping of local director field of nematic liquid crystals at the nanoscale. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15291-15296.	3.3	17
63	Trapping and assembly of living colloids at water&agrwater interfaces. <i>Soft Matter</i> , 2015, 11, 1733-1738.	1.2	13
64	Interactions and Stress Relaxation in Monolayers of Soft Nanoparticles at Fluid-Fluid Interfaces. <i>Physical Review Letters</i> , 2015, 114, 108301.	2.9	58
65	Films of bacteria at interfaces: three stages of behaviour. <i>Soft Matter</i> , 2015, 11, 6062-6074.	1.2	49
66	Curvature capillary migration of microspheres. <i>Soft Matter</i> , 2015, 11, 6768-6779.	1.2	47
67	Capillary migration of microdisks on curved interfaces. <i>Journal of Colloid and Interface Science</i> , 2015, 449, 436-442.	5.0	35
68	Curvature&agrDriven, One&agrStep Assembly of Reconfigurable Smectic Liquid Crystal "Compound Eye" Lenses. <i>Advanced Optical Materials</i> , 2015, 3, 1287-1292.	3.6	56
69	Smectic Gardening on Curved Landscapes. <i>Langmuir</i> , 2015, 31, 11135-11142.	1.6	17
70	Synergistic assembly of nanoparticles in smectic liquid crystals. <i>Soft Matter</i> , 2015, 11, 7367-7375.	1.2	19
71	Polymer nanocomposite films with extremely high nanoparticle loadings via capillary rise infiltration (CaRI). <i>Nanoscale</i> , 2015, 7, 798-805.	2.8	70
72	Distinct kinetic and mechanical properties govern mucin 16- and podocalyxin-mediated tumor cell adhesion to E- and L-selectin in shear flow. <i>Oncotarget</i> , 2015, 6, 24842-24855.	0.8	10

#	ARTICLE	IF	CITATIONS
73	Linear and nonlinear microrheology of lysozyme layers forming at the air-water interface. <i>Soft Matter</i> , 2014, 10, 7051-7060.	1.2	26
74	Elasticity-dependent self-assembly of micro-templated chromonic liquid crystal films. <i>Soft Matter</i> , 2014, 10, 3477-3484.	1.2	17
75	Ring around the colloid. <i>Soft Matter</i> , 2013, 9, 9099.	1.2	26
76	Focal Conic Flower Textures at Curved Interfaces. <i>Physical Review X</i> , 2013, 3, .	2.8	14
77	Near field capillary repulsion. <i>Soft Matter</i> , 2013, 9, 779-786.	1.2	44
78	Microbullet assembly: interactions of oriented dipoles in confined nematic liquid crystal. <i>Liquid Crystals</i> , 2013, 40, 1619-1627.	0.9	37
79	Exploiting imperfections in the bulk to direct assembly of surface colloids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18804-18808.	3.3	55
80	Topographically induced hierarchical assembly and geometrical transformation of focal conic domain arrays in smectic liquid crystals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 34-39.	3.3	68
81	CONVECTIVE ASSEMBLY OF PATTERNED MEDIA. , 2012, , 59-108.		1
82	Nanoparticles at fluid interfaces: Exploiting capping ligands to control adsorption, stability and dynamics. <i>Journal of Colloid and Interface Science</i> , 2012, 387, 1-11.	5.0	171
83	Forced Desorption of Nanoparticles from an Oil-water Interface. <i>Langmuir</i> , 2012, 28, 1663-1667.	1.6	87
84	Capillary interactions between anisotropic particles. <i>Soft Matter</i> , 2012, 8, 9957.	1.2	240
85	Chemotaxis of Cell Populations through Confined Spaces at Single-Cell Resolution. <i>PLoS ONE</i> , 2012, 7, e29211.	1.1	117
86	Brownian dynamics of colloidal probes during protein-layer formation at an oil-water interface. <i>Soft Matter</i> , 2011, 7, 7635.	1.2	25
87	Pillar-Assisted Epitaxial Assembly of Toric Focal Conic Domains of Smectic Liquid Crystals. <i>Advanced Materials</i> , 2011, 23, 5519-5523.	11.1	51
88	Epitaxial Assembly: Pillar-Assisted Epitaxial Assembly of Toric Focal Conic Domains of Smectic Liquid Crystals (<i>Adv. Mater.</i> 46/2011). <i>Advanced Materials</i> , 2011, 23, 5460-5460.	11.1	0
89	Curvature-driven capillary migration and assembly of rod-like particles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20923-20928.	3.3	240
90	Functional surfaces for high-resolution analysis of cancer cell interactions on exogenous hyaluronic acid. <i>Biomaterials</i> , 2010, 31, 5472-5478.	5.7	36

#	ARTICLE	IF	CITATIONS
91	Spreading and retraction as a function of drop size. <i>Advances in Colloid and Interface Science</i> , 2010, 161, 61-76.	7.0	11
92	Combined Passive and Active Microrheology Study of Protein-Layer Formation at an Air-Water Interface. <i>Langmuir</i> , 2010, 26, 2650-2658.	1.6	67
93	Orientation and Self-Assembly of Cylindrical Particles by Anisotropic Capillary Interactions. <i>Langmuir</i> , 2010, 26, 15142-15154.	1.6	145
94	Identification, characterization and utilization of tumor cell selectin ligands in the design of colon cancer diagnostics. <i>Biorheology</i> , 2009, 46, 207-225.	1.2	40
95	Oriented Assembly of Metamaterials. <i>Science</i> , 2009, 325, 159-160.	6.0	185
96	Interfacial Hydrodynamic Drag on Nanowires Embedded in Thin Oil Films and Protein Layers. <i>Langmuir</i> , 2009, 25, 7976-7982.	1.6	26
97	Multifunctional Surfaces with Discrete Functionalized Regions for Biological Applications. <i>Langmuir</i> , 2008, 24, 8134-8142.	1.6	24
98	Spontaneous Pattern Formation by Dip Coating of Colloidal Suspensions on Homogeneous Surfaces. <i>Langmuir</i> , 2007, 23, 2180-2183.	1.6	110
99	Octadecanethiol SAMs as Molecular Resists for Electrodeposition of Cobalt. <i>Journal of Physical Chemistry C</i> , 2007, 111, 8686-8691.	1.5	13
100	Influence of Applied Potential on the Impedance of Alkanethiol SAMs. <i>Langmuir</i> , 2007, 23, 9681-9685.	1.6	38
101	Fabrication of Complex Architectures Using Electrodeposition into Patterned Self-Assembled Monolayers. <i>Nano Letters</i> , 2006, 6, 1023-1026.	4.5	40
102	Kinetics of Desorption of Alkanethiolates on Gold. <i>Langmuir</i> , 2006, 22, 3474-3476.	1.6	38
103	Orientation of a Nanocylinder at a Fluid Interface. <i>Journal of Physical Chemistry B</i> , 2006, 110, 4283-4290.	1.2	52
104	Wetting of a particle in a thin film. <i>Journal of Colloid and Interface Science</i> , 2005, 291, 507-514.	5.0	12
105	Site-Selective Patterning Using Surfactant-Based Resists. <i>Journal of the American Chemical Society</i> , 2005, 127, 11960-11962.	6.6	36
106	Size-Selective Deposition and Sorting of Lyophilic Colloidal Particles on Surfaces of Patterned Wettability. <i>Langmuir</i> , 2005, 21, 1149-1152.	1.6	37
107	Assembly of Colloidal Particles by Evaporation on Surfaces with Patterned Hydrophobicity. <i>Langmuir</i> , 2004, 20, 3062-3067.	1.6	163
108	Redox-Dependent Surface Tension and Surface Phase Transitions of a Ferrocenyl Surfactant: Equilibrium and Dynamic Analyses with Fluorescence Images. <i>Langmuir</i> , 2003, 19, 8292-8301.	1.6	50

#	ARTICLE	IF	CITATIONS
109	Influence of Surfactants on an Evaporating Drop: Fluorescence Images and Particle Deposition Patterns. <i>Langmuir</i> , 2003, 19, 8271-8279.	1.6	147
110	Relationship between Absorbance Spectra and Particle Size Distributions for Quantum-Sized Nanocrystals. <i>Journal of Physical Chemistry B</i> , 2003, 107, 10412-10415.	1.2	212
111	Patterning of Small Particles by a Surfactant-Enhanced Marangoni-Bénard Instability. <i>Physical Review Letters</i> , 2002, 88, 164501.	2.9	185
112	Quenching of Growth of ZnO Nanoparticles by Adsorption of Octanethiol. <i>Journal of Physical Chemistry B</i> , 2002, 106, 6985-6990.	1.2	213
113	Rapidly Expanding Viscous Drop from a Submerged Orifice at Finite Reynolds Numbers. <i>Annals of the New York Academy of Sciences</i> , 2002, 974, 398-409.	1.8	2
114	Dynamic Interfacial Adsorption in Aqueous Surfactant Mixtures: A Theoretical Study. <i>Langmuir</i> , 2001, 17, 5196-5207.	1.6	25
115	Surface Tension of an Anionic Surfactant: Equilibrium, Dynamics, and Analysis for Aerosol-OT. <i>Langmuir</i> , 2001, 17, 4287-4296.	1.6	38
116	Dynamic Surface Tensions of Aqueous Surfactant Mixtures: An Experimental Investigation. <i>Langmuir</i> , 2001, 17, 7494-7500.	1.6	20
117	Curvature Effects in the Analysis of Pendant Bubble Data: Comparison of Numerical Solutions, Asymptotic Arguments, and Data. <i>Journal of Colloid and Interface Science</i> , 2001, 241, 154-168.	5.0	30
118	Which surfactants reduce surface tension faster? A scaling argument for diffusion-controlled adsorption. <i>Advances in Colloid and Interface Science</i> , 2000, 85, 61-97.	7.0	187
119	Evidence that the Induction Time in the Surface Pressure Evolution of Lysozyme Solutions Is Caused by a Surface Phase Transition. <i>Langmuir</i> , 2000, 16, 5072-5078.	1.6	64
120	Changes in Electroporation Thresholds of Lipid Membranes by Surfactants and Peptides. <i>Annals of the New York Academy of Sciences</i> , 1999, 888, 249-265.	1.8	30
121	Soluble Surfactants Undergoing Surface Phase Transitions: A Maxwell Construction and the Dynamic Surface Tension. <i>Journal of Colloid and Interface Science</i> , 1999, 209, 1-9.	5.0	42
122	The Dynamic Adsorption of Charged Amphiphiles: The Evolution of the Surface Concentration, Surface Potential, and Surface Tension. <i>Journal of Colloid and Interface Science</i> , 1999, 219, 282-297.	5.0	43
123	The Effects of Gramicidin on Electroporation of Lipid Bilayers. <i>Biophysical Journal</i> , 1999, 76, 3150-3157.	0.2	25
124	Insoluble surfactants on a drop in an extensional flow: a generalization of the stagnated surface limit to deforming interfaces. <i>Journal of Fluid Mechanics</i> , 1999, 385, 79-99.	1.4	123
125	Surface Phase Behavior and Surface Tension Evolution for Lysozyme Adsorption onto Clean Interfaces and into DPPC Monolayers: Theory and Experiment. <i>Langmuir</i> , 1998, 14, 1208-1218.	1.6	86
126	An Adsorption-Desorption-Controlled Surfactant on a Deforming Droplet. <i>Journal of Colloid and Interface Science</i> , 1998, 208, 68-80.	5.0	84

#	ARTICLE	IF	CITATIONS
127	The Reduction in Electroporation Voltages by the Addition of a Surfactant to Planar Lipid Bilayers. <i>Biophysical Journal</i> , 1998, 75, 880-888.	0.2	56
128	Surfactant-induced retardation of the thermocapillary migration of a droplet. <i>Journal of Fluid Mechanics</i> , 1997, 340, 35-59.	1.4	50
129	Dynamic Penetration of an Insoluble Monolayer by a Soluble Surfactant: A Theory and Experiment. <i>Langmuir</i> , 1997, 13, 1729-1736.	1.6	39
130	Equations for the Equilibrium Surface Pressure Increase on the Penetration of an Insoluble Monolayer by a Soluble Surfactant. <i>Langmuir</i> , 1996, 12, 2028-2034.	1.6	28
131	Marangoni Retardation of the Terminal Velocity of a Settling Droplet: The Role of Surfactant Physico-Chemistry. <i>Journal of Colloid and Interface Science</i> , 1996, 178, 144-155.	5.0	62
132	Experimental Confirmation of the Oscillating Bubble Technique with Comparison to the Pendant Bubble Method: The Adsorption Dynamics of 1-Decanol. <i>Journal of Colloid and Interface Science</i> , 1996, 182, 526-538.	5.0	74
133	An oscillating bubble technique to determine surfactant mass transfer kinetics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 114, 41-51.	2.3	15
134	Remobilizing Surfactant Retarded Fluid Particle Interfaces. <i>Journal of Colloid and Interface Science</i> , 1994, 163, 177-189.	5.0	93
135	Oscillating Bubble Tensiometry: A Method for Measuring the Surfactant Adsorptive-Desorptive Kinetics and the Surface Dilatational Viscosity. <i>Journal of Colloid and Interface Science</i> , 1994, 168, 21-31.	5.0	71
136	Remobilizing surfactant retarded fluid particle interfaces. I. Stress-free conditions at the interfaces of micellar solutions of surfactants with fast sorption kinetics. <i>Physics of Fluids A, Fluid Dynamics</i> , 1991, 3, 3-20.	1.6	123