

# Lounes Tadrif

## List of Publications by Year in descending order

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157  
papers

4,547  
citations

94433

37  
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114465

63  
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161  
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161  
docs citations

161  
times ranked

3049  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation of the effect of thermal properties of the substrate in the wetting and evaporation of sessile drops. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 298, 108-114.	4.7	218
2	Experimental study of unsteady convective boiling in heated minichannels. <i>International Journal of Heat and Mass Transfer</i> , 2003, 46, 2957-2965.	4.8	201
3	About the use of fibrous materials in compact heat exchangers. <i>Experimental Thermal and Fluid Science</i> , 2004, 28, 193-199.	2.7	184
4	Experimental study of evaporating water-ethanol mixture sessile drop: influence of concentration. <i>International Journal of Heat and Mass Transfer</i> , 2003, 46, 4527-4534.	4.8	177
5	A review on boiling heat transfer enhancement with nanofluids. <i>Nanoscale Research Letters</i> , 2011, 6, 280.	5.7	170
6	An overview of heat transfer enhancement methods and new perspectives: Focus on active methods using electroactive materials. <i>International Journal of Heat and Mass Transfer</i> , 2013, 61, 505-524.	4.8	157
7	Review on two-phase flow instabilities in narrow spaces. <i>International Journal of Heat and Fluid Flow</i> , 2007, 28, 54-62.	2.4	156
8	Pressure drop and heat transfer analysis of flow boiling in a minichannel: influence of the inlet condition on two-phase flow stability. <i>International Journal of Heat and Mass Transfer</i> , 2004, 47, 2365-2377.	4.8	137
9	Water desalination by humidification and dehumidification of air: State of the art. <i>Desalination</i> , 2001, 137, 167-176.	8.2	134
10	Flow Laws in Metal Foams: Compressibility and Pore Size Effects. <i>Transport in Porous Media</i> , 2008, 73, 233-254.	2.6	124
11	Numerical study of cluster formation in a gas-particle circulating fluidized bed. <i>Powder Technology</i> , 2000, 110, 210-221.	4.2	105
12	Drag reduction and cluster formation in a circulating fluidised bed. <i>Chemical Engineering Science</i> , 2007, 62, 148-158.	3.8	91
13	Comparison of multifluid and discrete particle modelling in numerical predictions of gas particle flow in circulating fluidised beds. <i>Powder Technology</i> , 2004, 149, 29-41.	4.2	90
14	An experimental study of a new hybrid jet impingement/micro-channel cooling scheme. <i>Applied Thermal Engineering</i> , 2010, 30, 2058-2066.	6.0	81
15	Experimental Analysis of Multiphase Flow in Metallic foam: Flow Laws, Heat Transfer and Convective Boiling. <i>Advanced Engineering Materials</i> , 2006, 8, 890-899.	3.5	79
16	Effect of a hybrid jet impingement/micro-channel cooling device on the performance of densely packed PV cells under high concentration. <i>Solar Energy</i> , 2011, 85, 2655-2665.	6.1	73
17	Review on two-phase flow distribution in parallel channels with macro and micro hydraulic diameters: Main results, analyses, trends. <i>Applied Thermal Engineering</i> , 2013, 59, 316-335.	6.0	73
18	Experimental analysis of the gas-particle flow in a circulating fluidized bed using a phase Doppler particle analyzer. <i>Chemical Engineering Science</i> , 1998, 53, 1883-1899.	3.8	70

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19	Numerical investigation of heat and mass transfer of an evaporating sessile drop on a horizontal surface. <i>Physics of Fluids</i> , 2010, 22, .	4.0	69
20	Bubble confinement in flow boiling of FC-72 in a "rectangular" microchannel of high aspect ratio. <i>Experimental Thermal and Fluid Science</i> , 2010, 34, 1375-1388.	2.7	64
21	Evaporation of a sessile drop with pinned or receding contact line on a substrate with different thermophysical properties. <i>International Journal of Heat and Mass Transfer</i> , 2013, 58, 197-208.	4.8	64
22	Computational study of fluctuating motions and cluster structures in gas" particle flows. <i>International Journal of Multiphase Flow</i> , 2002, 28, 199-223.	3.4	63
23	Hydrodynamics and heat transfer during flow boiling instabilities in a single microchannel. <i>Applied Thermal Engineering</i> , 2009, 29, 1299-1308.	6.0	61
24	The temperature jump at water " air interface during evaporation. <i>International Journal of Heat and Mass Transfer</i> , 2017, 104, 800-812.	4.8	61
25	Sessile Drop in Microgravity: Creation, Contact Angle and Interface. <i>Microgravity Science and Technology</i> , 2009, 21, 67-76.	1.4	59
26	Complex 3D-flow analysis and corrugation angle effect in plate heat exchangers. <i>International Journal of Thermal Sciences</i> , 2015, 94, 126-138.	4.9	55
27	Fluid Flow Through Randomly Packed Monodisperse Fibers: The Kozeny-Carman Parameter Analysis. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 1997, 119, 188-192.	1.5	52
28	Experimental friction factor of a liquid flow in microtubes. <i>Physics of Fluids</i> , 2003, 15, 653-661.	4.0	52
29	Experimentation and modelling of an innovative geothermal desalination unit. <i>Desalination</i> , 1999, 125, 147-153.	8.2	49
30	Experimental investigation of the de-pinning phenomenon on rough surfaces of volatile drops. <i>International Communications in Heat and Mass Transfer</i> , 2006, 33, 482-490.	5.6	49
31	Pressure drop and void fraction during flow boiling in rectangular minichannels in weightlessness. <i>Applied Thermal Engineering</i> , 2013, 51, 1317-1327.	6.0	49
32	Unsteady-state fluctuations analysis during bubble growth in a "rectangular" microchannel. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 4784-4795.	4.8	47
33	Numerical study of a hybrid jet impingement/micro-channel cooling scheme. <i>Applied Thermal Engineering</i> , 2012, 33-34, 237-245.	6.0	46
34	Heat transfer and evaporation in geothermal desalination units. <i>Applied Energy</i> , 1999, 64, 129-147.	10.1	45
35	Experimental analysis of local void fractions measurements for boiling hydrocarbons in complex geometry. <i>International Journal of Multiphase Flow</i> , 2007, 33, 371-393.	3.4	45
36	Measurement of thermal conductivity of molten salts in the range 100"500°C. <i>International Journal of Heat and Mass Transfer</i> , 1984, 27, 623-626.	4.8	42

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37	Flow Boiling in Minichannels Under Normal, Hyper-, and Microgravity: Local Heat Transfer Analysis Using Inverse Methods. <i>Journal of Heat Transfer</i> , 2008, 130, .	2.1	42
38	Generalized formulation for evaporation rate and flow pattern prediction inside an evaporating pinned sessile drop. <i>International Journal of Heat and Mass Transfer</i> , 2017, 109, 482-500.	4.8	39
39	Local heat transfer analysis for boiling of hydrocarbons in complex geometries: A new approach for heat transfer prediction in staggered tube bundle. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 4203-4219.	4.8	37
40	Local vs global heat transfer and flow analysis of hydrocarbon complete condensation in plate heat exchanger based on infrared thermography. <i>International Journal of Heat and Mass Transfer</i> , 2015, 90, 878-893.	4.8	36
41	Experimental investigation of evaporation performances of a desalination prototype using the aero-epavo-condensation process. <i>Desalination</i> , 1997, 114, 111-128.	8.2	35
42	Experimental Analysis of the Heat Transfer Induced by Thermocapillary Convection Around a Bubble. <i>Journal of Heat Transfer</i> , 2000, 122, 66-73.	2.1	35
43	Direct steam generation in linear solar concentration: Experimental and modeling investigation " A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 90, 910-936.	16.4	35
44	Étude expérimentale de l'évaporation d'une goutte posée sur une plaque chauffante. Influence de la mouillabilité. <i>International Journal of Thermal Sciences</i> , 2005, 44, 137-146.	4.9	34
45	Effective Thermal Conductivity of a Composite Material: A Numerical Approach. <i>Journal of Heat Transfer</i> , 1993, 115, 866-871.	2.1	31
46	Experimental analysis of upward flow boiling heat transfer in a channel provided with copper metallic foam. <i>Applied Thermal Engineering</i> , 2013, 52, 336-344.	6.0	31
47	BOILING HEAT TRANSFER IN A VERTICAL MICROCHANNEL: LOCAL ESTIMATION DURING FLOW BOILING WITH A NON INTRUSIVE METHOD. <i>Multiphase Science and Technology</i> , 2009, 21, 297-328.	0.5	31
48	Experiments on flows, boiling and heat transfer in porous media: Emphasis on bottom injection. <i>Nuclear Engineering and Design</i> , 2006, 236, 2084-2103.	1.7	30
49	Evaporation of Ethanol Drops on a Heated Substrate Under Microgravity Conditions. <i>Microgravity Science and Technology</i> , 2010, 22, 387-395.	1.4	29
50	Experimental study of the particle flow in a circulating fluidized bed using a phase doppler particle analyser: A new post-processing data algorithm. <i>International Journal of Multiphase Flow</i> , 1997, 23, 1189-1209.	3.4	27
51	Similarity in dense gas-solid fluidized bed, influence of the distributor and the air-plenum. <i>Powder Technology</i> , 2009, 189, 14-24.	4.2	27
52	Transient effects on sessile droplet evaporation of volatile liquids. <i>International Journal of Heat and Mass Transfer</i> , 2015, 86, 212-220.	4.8	26
53	Analysis of heat transfer and evaporation in geothermal desalination units. <i>Desalination</i> , 1999, 122, 301-313.	8.2	25
54	Numerical study of cluster and particle rebound effects in a circulating fluidised bed. <i>Chemical Engineering Science</i> , 2005, 60, 27-40.	3.8	23

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55	Analysis of heat transfer with liquid-vapor phase change in a forced-flow fluid moving through porous media. <i>International Journal of Heat and Mass Transfer</i> , 1996, 39, 3959-3975.	4.8	22
56	Flow Laws in Metallic Foams: Experimental Determination of Inertial and Viscous Contributions. <i>Journal of Porous Media</i> , 2007, 10, 51-70.	1.9	22
57	Experimental study of the gravity influence on the periodic thermocapillary convection around a bubble. <i>Experiments in Fluids</i> , 2001, 31, 440-446.	2.4	21
58	Experimental Investigation of Pendant and Sessile Drops in Microgravity. <i>Microgravity Science and Technology</i> , 2010, 22, 339-345.	1.4	21
59	Experimental study of two-phase flow pattern evolution in a horizontal circular tube of small diameter in laminar flow conditions. <i>International Journal of Multiphase Flow</i> , 2013, 55, 99-110.	3.4	21
60	Measuring maldistribution of two-phase flows in multi-parallel microchannels. <i>Applied Thermal Engineering</i> , 2015, 91, 924-937.	6.0	21
61	Modelling of heat and mass transfer in a horizontal-tube falling-film evaporator for water desalination. <i>Desalination</i> , 1998, 116, 165-183.	8.2	20
62	Experimental study of the porosity of loose stacks of stiff cylindrical fibres: Influence of the aspect ratio of fibres. <i>European Physical Journal B</i> , 2000, 13, 571-578.	1.5	20
63	Bubbles, drops, films: transferring heat in space. <i>Europhysics News</i> , 2008, 39, 23-25.	0.3	20
64	Transverse heat transfer coefficients on a full size dual channel CICC ITER conductor. <i>Cryogenics</i> , 2006, 46, 530-540.	1.7	18
65	Analysis of enhanced vapor desuperheating during condensation inside a plate heat exchanger. <i>International Journal of Thermal Sciences</i> , 2016, 105, 96-108.	4.9	18
66	Experimental analysis of fibrous porous media permeability. <i>AIChE Journal</i> , 1996, 42, 3547-3549.	3.6	17
67	On the surface tension role in bubble growth and detachment in a micro-tube. <i>International Journal of Multiphase Flow</i> , 2020, 124, 103196.	3.4	17
68	Non-condensable gas influence on the Marangoni convection during a single vapour bubble growth in a subcooled liquid. <i>Europhysics Letters</i> , 2007, 77, 14001.	2.0	16
69	Vaporization of a liquid by direct contact in another immiscible liquid Part I: vaporization of a single droplet Part II: vaporization of rising multidroplets. <i>International Journal of Heat and Mass Transfer</i> , 1987, 30, 1773-1785.	4.8	15
70	Experimental investigation of fluctuating forces exerted on a cylindrical tube (Reynolds numbers) $T_j ETQq0 0 0 rgBT / Overlock 10 Tf 50$	1.6	15
71	ANALYSIS OF TRANSPORT PHENOMENA DURING THE CONVECTIVE DRYING IN SUPERHEATED STEAM. <i>Drying Technology</i> , 1997, 15, 2239-2261.	3.1	15
72	Experimental study of the onset of the 3D oscillatory thermocapillary convection around a single air or vapor bubble.. <i>Experimental Thermal and Fluid Science</i> , 2005, 29, 783-793.	2.7	15

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73	Evaluation of thermal gradients and thermosiphon in dual channel cable-in-conduit conductors. <i>Cryogenics</i> , 2006, 46, 629-642.	1.7	15
74	Two-phase flow patterns and size distribution of droplets in a microfluidic T-junction: Experimental observations in the squeezing regime. <i>Comptes Rendus - Mecanique</i> , 2017, 345, 259-270.	2.1	15
75	Experimental investigation of the instabilities in a fluidized bed origin of the pressure fluctuations. <i>Physics of Fluids</i> , 1997, 9, 500-509.	4.0	14
76	Experimental analysis of the porosity of randomly packed rigid fibers. <i>Comptes Rendus De L'Academie De Sciences - Serie Iib: Mecanique, Physique, Chimie, Astronomie</i> , 1999, 327, 725-729.	0.1	14
77	Destabilization Mechanisms and Scaling Laws of Convective Boiling in a Minichannel. <i>Journal of Thermophysics and Heat Transfer</i> , 2006, 20, 850-855.	1.6	13
78	INVESTIGATION OF THERMO-CAPILLARY FLOW INSIDE AN EVAPORATING PINNED WATER DROPLET. <i>Interfacial Phenomena and Heat Transfer</i> , 2015, 3, 185-201.	0.8	12
79	Experimental study of air-water two-phase flow pattern evolution in a mini tube: Influence of tube orientation with respect to gravity. <i>International Journal of Multiphase Flow</i> , 2020, 132, 103413.	3.4	12
80	MODELING OF SURFACE-FLUID ELECTROKINETIC COUPLING ON THE LAMINAR FLOW FRICTION FACTOR IN MICROTUBES. <i>Microscale Thermophysical Engineering</i> , 2005, 9, 33-48.	1.2	11
81	Simultaneous integration, control and enhancement of both fluid flow and heat transfer in small scale heat exchangers: A numerical study. <i>International Communications in Heat and Mass Transfer</i> , 2013, 49, 36-40.	5.6	11
82	Experimental Study of Convective Boiling in a Porous Medium: Temperature Field Analysis. <i>Journal of Heat Transfer</i> , 1996, 118, 230-233.	2.1	10
83	Transient method for the liquid laminar flow friction factor in microtubes. <i>AIChE Journal</i> , 2003, 49, 2759-2767.	3.6	10
84	Experimental analysis of heat transfer with phase change in porous media crossed by a fluid flow. <i>Experimental Thermal and Fluid Science</i> , 1992, 5, 533-547.	2.7	9
85	Numerical treatment of the instability and the breakup of a liquid capillary column in a bounded immiscible phase. <i>International Journal of Multiphase Flow</i> , 1997, 23, 377-395.	3.4	9
86	Convective Boiling Between 2D Plates: Microgravity Influence on Bubble Growth and Detachment. <i>Microgravity Science and Technology</i> , 2010, 22, 377-385.	1.4	9
87	Pressure drop during flow boiling inside parallel microchannels. <i>International Journal of Refrigeration</i> , 2016, 72, 111-123.	3.4	9
88	Heat Transfer Enhancement in Short Corrugated Mini-Tubes. <i>Advanced Structured Materials</i> , 2012, , 181-208.	0.5	8
89	GEOMETRICAL CHARACTERIZATION OF KELVIN-LIKE METAL FOAMS FOR DIFFERENT STRUT SHAPES AND POROSITY. <i>Journal of Porous Media</i> , 2015, 18, 637-652.	1.9	8
90	Heat Transfer With Vaporization of a Liquid by Direct Contact in Another Immiscible Liquid: Experimental and Numerical Study. <i>Journal of Heat Transfer</i> , 1991, 113, 705-713.	2.1	7

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91	Experimental estimation of particle flow fluctuations in dense unsteady two-phase flow using phase Doppler anemometry. <i>International Journal of Multiphase Flow</i> , 2007, 33, 849-872.	3.4	7
92	Control of pool boiling incipience in confined space: Dynamic morphing of the wall effect. <i>Applied Thermal Engineering</i> , 2013, 51, 451-458.	6.0	7
93	Experimental study of heat transfer at the transition regime between the natural convection and nucleate boiling: Influence of the heated wall tilt angle on the onset of nucleate boiling (ONB) and natural convection (ONC). <i>International Journal of Heat and Mass Transfer</i> , 2020, 151, 119388.	4.8	7
94	Experimental study of a liquid jet flowing into another immiscible liquid – local analysis of the interface. <i>Experiments in Fluids</i> , 1991, 12-12, 67-75.	2.4	6
95	Etude expérimentale des écoulements d'air à travers un lit de fibres rigides empilées aléatoirement: influence de la porosité. <i>Journal De Physique II</i> , 1995, 5, 1739-1756.	0.9	6
96	Local and global dynamics of shallow gas-fluidized beds. <i>Physics of Fluids</i> , 2006, 18, 043303.	4.0	6
97	Nucleate Boiling on a Single Site: Contact Angle Analysis for a Quasi-2D Growing Vapour Bubble. <i>Microgravity Science and Technology</i> , 2009, 21, 101-105.	1.4	6
98	Experimental and numerical study of direct contact heat exchangers. <i>International Journal of Heat and Mass Transfer</i> , 1985, 28, 1215-1227.	4.8	5
99	Analytical analysis of heat transfer in liquid film dripping around a horizontal tube. <i>Desalination</i> , 2001, 141, 7-13.	8.2	5
100	Étude expérimentale des transferts de chaleur fluide-paroi induits par convection thermocapillaire : influence du nombre de Prandtl. <i>Comptes Rendus - Mécanique</i> , 2003, 331, 237-244.	2.1	5
101	Improved particle image velocimetry measurements in gas-particle flows with a dense wall layer. <i>Measurement Science and Technology</i> , 2003, 14, N9-N12.	2.6	5
102	Convective Boiling Phenomena in a Sintered Fibrous Channel: Study of Thermal Non-Equilibrium Behavior. <i>Journal of Porous Media</i> , 2002, 5, 11.	1.9	5
103	Averaging of particle data from phase Doppler anemometry in unsteady two-phase flow: Validation by numerical simulation. <i>International Journal of Multiphase Flow</i> , 2006, 32, 248-268.	3.4	4
104	Practical scaling considerations for dense gas fluidized beds interacting with the air-supply system. <i>Chemical Engineering Science</i> , 2009, 64, 3717-3720.	3.8	4
105	Fluid flow inside and outside an evaporating sessile drop. <i>Journal of Physics: Conference Series</i> , 2017, 925, 012006.	0.4	4
106	Overview of pool boiling heat transfer studies in variable gravity. <i>AIP Conference Proceedings</i> , 2000, , .	0.4	3
107	Détermination des caractéristiques géométriques de la croissance d'une bulle de vapeur et des transferts de chaleur associés: influence des incondensables sur le déclenchement d'instabilités convectives. <i>Mécanique Et Industries</i> , 2005, 6, 257-262.	0.2	3
108	Evaporation of Ultra-thin Liquid Films into Air. <i>Microgravity Science and Technology</i> , 2010, 22, 441-446.	1.4	3

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109	Experimental study of the interaction of a dense gas–solid fluidized bed with its air-plenum. Powder Technology, 2010, 202, 118-129.	4.2	3
110	Effect of substrate thickness and thermal conductivity on an evaporating sessile drop. Journal of Physics: Conference Series, 2012, 395, 012140.	0.4	3
111	CONJUGATE HEAT TRANSFER IN METAL FOAM: GRAVITY DRIVEN AND FORCED FLOW HEAT EXCHANGE COEFFICIENTS DETERMINATION. Journal of Porous Media, 2013, 16, 41-58.	1.9	3
112	Experimental Study of Boiling Heat Transfer on Multiple and Single Nucleation Sites Using a Boiling-Meter. Heat Transfer Engineering, 2014, 35, 508-516.	1.9	3
113	Experimental and Numerical Analysis of Drying of Particles in Superheated Steam. Journal of Porous Media, 1999, 2, 205-229.	1.9	3
114	Heat transfer in high-temperature liquid jets. International Journal of Heat and Mass Transfer, 1994, 37, 2871-2883.	4.8	2
115	Étude d'un Évaporateur À film ruisselant sur un faisceau de tubes horizontaux pour le dessalement de l'eau. International Journal of Thermal Sciences, 1999, 38, 355-362.	4.9	2
116	Numerical study of cohesive powders in a dense fluidized bed. Comptes Rendus De L'Academie De Sciences - Serie IIb: Mecanique, Physique, Chimie, Astronomie, 1999, 327, 1397-1403.	0.1	2
117	About frequency coupling between riser and plenum in a gas fluidized bed. Comptes Rendus De L'Academie De Sciences - Serie IIb: Mecanique, Physique, Chimie, Astronomie, 2000, 328, 323-328.	0.1	2
118	Heat Transfer Induced by Evaporation of a Sessile Drop: Influence of Wetting Surface. AIP Conference Proceedings, 2004, , .	0.4	2
119	Experimental study of a linear Fresnel concentrator: A new procedure for optical and heat losses characterization. Energy, 2021, 232, 121019.	8.8	2
120	EXPERIMENTAL STUDY OF A SINGLE VAPOUR BUBBLE GROWTH: HEAT AND MASS TRANSFER ANALYSIS - INFLUENCE OF NON-CONDENSABLE PRESENCE ON THE ONSET OF MARANGONI CONVECTION. , 2006, , .		2
121	COCURRENT GAS-LIQUID FLOW IN METAL FOAM: AN EXPERIMENTAL INVESTIGATION OF PRESSURE GRADIENT. Journal of Porous Media, 2010, 13, 497-510.	1.9	2
122	INITIAL PERTURBATION EFFECTS ON THE INSTABILITY OF A VISCOUS CAPILLARY JET. , 1999, , .		2
123	Numerical Analysis of the Sinuous Instability of a Viscous Capillary Jet Flowing Down an Immiscible Nonviscous Fluid. , 2006, , 677-684.		2
124	Experimental investigation of the aeroacoustic phenomenon around a circular cylinder. Journal of Sound and Vibration, 1991, 146, 223-241.	3.9	1
125	Influence of particle-size distribution on entrainment solid rate in fluidized bed. AIChE Journal, 1997, 43, 260-262.	3.6	1
126	On the heterogeneous behaviour in a 2D fluidized bed. Comptes Rendus De L'Academie De Sciences - Serie IIb: Mecanique, Physique, Chimie, Astronomie, 2000, 328, 359-365.	0.1	1



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127	Experimental Investigation on Wetting of a Binary Volatile Sessile Drop. AIP Conference Proceedings, 2003, , .	0.4	1
128	Experimental Study of Heat Transfer Induced by a Single Vapor Bubble Growth: Influence of Liquid Subcooling. AIP Conference Proceedings, 2004, , .	0.4	1
129	Comment on "A study of laminar flow of polar liquids through circular microtubes" [Phys. Fluids 16, 1267 (2004)]. Physics of Fluids, 2005, 17, 019101.	4.0	1
130	Two Phase Boiling and Flow Instabilities in a Microchannel. , 2007, , 75.		1
131	Liquid vapour phase change on a single nucleation site: Heat and mass transfer. Microgravity Science and Technology, 2007, 19, 64-65.	1.4	1
132	Flow boiling in microgravity condition investigation using inverse techniques. Microgravity Science and Technology, 2007, 19, 130-131.	1.4	1
133	Co-Current Air-Water Two Phase Flow Patterns in Horizontal and Vertical Circular Tube Under Various Inlet Conditions. , 2011, , .		1
134	Enhancement of Heat Transfer over Spatial Stationary and Moving Sinusoidal Wavy Wall: A Numerical Analysis. Defect and Diffusion Forum, 2012, 326-328, 341-347.	0.4	1
135	Reprint of "Control of pool boiling incipience in confined space: Dynamic morphing of the wall effect" Applied Thermal Engineering, 2013, 59, 696-703.	6.0	1
136	DYNAMIC ACTIVATION OF SINGLE VAPOR EMBRYO GROWTH: ANALYSES OF THERMAL AND MOMENTUM INERTIA EFFECTS. Interfacial Phenomena and Heat Transfer, 2014, 2, 139-154.	0.8	1
137	Flow inside Evaporating Water Sessile Drop: a Numerical Study. , 2014, , .		1
138	A NUMERICAL STUDY OF PARTICLE TRANSPORT IN AN EVAPORATING COLLOIDAL SESSILE DROPLET. Interfacial Phenomena and Heat Transfer, 2016, 4, 217-233.	0.8	1
139	Velocity Analysis of the Solid Phase in a Circulating Fluidized Bed. , 1995, , 647-659.		1
140	Numerical Analysis of the Nonlinear Instability of One-Dimensional Compound Capillary Jet. Lecture Notes in Computer Science, 2001, , 692-701.	1.3	1
141	Modélisation physique et numérique d'une ligne de contact dynamique avec changement de phase. Houille Blanche, 2003, 89, 84-91.	0.3	1
142	ANALYSIS OF NONPARALLEL FLOW EFFECTS ON THE INSTABILITY OF A CAPILLARY JET IN ANOTHER IMMISCIBLE FLUID. , 1997, , .		1
143	Disintegration of cylindrical liquid columns in liquid-fluid systems: Direct numerical simulation. , 1996, , 207-226.		0
144	The experimental study of the periodic instability of thermocapillary convection around an air bubble. AIP Conference Proceedings, 2000, , .	0.4	0

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145	Modeling of Surface-Fluid Electrokinetic Coupling on the Laminar Flow Friction Factor in Microtubes. , 2003, , 373.		0
146	Boiling Flow Pressure Drop Modeling in a Minichannel. , 2003, , 675.		0
147	Effect of Pressure and Temperature on the Wetting Behaviour of Volatile Drops. AIP Conference Proceedings, 2004, , .	0.4	0
148	Experimental Investigation of the Effect of the Ambient Gas on Evaporating Sessile Drops. Defect and Diffusion Forum, 2006, 258-260, 461-468.	0.4	0
149	High Speed Imaging and Two-Phase Flow Patterns During Flow Boiling in a Single Microchannel. , 2008, , .		0
150	Experimental Analysis of a Two Phase Air-Water Flow in a Tube of Small Size Diameter Under Various Inlet Conditions. , 2010, , .		0
151	Multicellular piezoelectric actuator for setting in motion fluids, and heat exchange enhancement. , 2013, , .		0
152	PREFACE: DROPS, BUBBLES, AND THIN FILMS, SPECIAL ISSUE HONORING PROFESSOR OLEG KABOV. Interfacial Phenomena and Heat Transfer, 2016, 4, v-xiv.	0.8	0
153	Etude expérimentale du coefficient de frottement d'écoulements laminaires en microtubes. Houille Blanche, 2003, 89, 40-45.	0.3	0
154	Flow Boiling in Minichannels Under Normal, Hyper and Microgravity: Frictional Pressure Loss and Flow Patterns. , 2007, , .		0
155	Convective Boiling Between 2D Plates: Shear Flow Influence on Bubble Growth, Detachment and Evolution. , 2008, , .		0
156	THE INFLUENCE OF SURFACE STATE ON HEAT TRANSFER BETWEEN A WALL AND A NUCLEATE BOILING LIQUID. , 1994, , .		0
157	Disintegration of a Cylindrical Column in Liquid-Fluid System. , 1995, , 321-330.		0