

1. článek v časopise WoS/Scopus/MathSci

41 document results

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Document type ↑

Documents ↓

Conference Paper25

Article16

Documents by type

A donut chart illustrating the distribution of document types. The chart is divided into two segments: a larger blue segment representing 'Conference Paper' at 61.0%, and a smaller red segment representing 'Article' at 39.0%. Labels with leader lines point to each segment.

Document Type	Count	Percentage
Conference Paper	25	61.0%
Article	16	39.0%

Ex	R	Ix	W	Z	Q	ID	dFORD	název v původním jazyce výsledku	typ	vytv.	RIV	návaznosti	P/P
	R	W	S	K	3	6673	2.5.3	An experimental evaluation of convective heat transfer in multi-layered fibrous mat...	Jl	2021	RIV22	P(4)	0,14
	R	W	S	K	4	7305	2.5.3	Thermal Behavior of Aerogel-Embedded Nonwovens in Cross Airflow	Jl	2021	RIV21	P	0,14
	R	W	S	F	2	8811	1.3.0.1	On the Use of Laser Fragmentation for the Synthesis of Ligand-Free Ultra-Small Iro...	Jl	2021	RIV22	I,P(2)	0,11
	R	W	S	K	4	7115	2.3.1	Mixing of two immiscible phases measured by industrial electrical impedance tomo...	Jl	2020	RIV21	I	0,2
	R	W	S	K		8632	2.11.0.3	The Minimum Recording Time for PIV Measurements in a Vessel Agitated by a High...	Jl	2020	RIV21	P(2)	0,17
	R	W	S	K		5663	2.10.1	Laser-assisted synthesis of Fe-Cu oxide nanocrystals	Jl	2019	RIV19	P(3)	0,11
	R	W	S	K	4	5893	1.3.5	Influence of an External Air Flow on a System of High-Voltage Asymmetrical Electro...	Jl	2019	RIV20	P(2)	0,2
	R	W	S	K	3	6988	2.4.2	Effect of Particle Image Velocimetry Setting Parameters on Local Velocity Measure...	Jl	2019	RIV20	P(2)	0,17
	R	S	S	K		6990	1.6.10	Application of laser-induced breakdown cavitation bubbles for cell lysis in vitro	JN	2019	RIV20	P	0,33
	R	W	S	K		5634	1.3.5	Micro-Particle Image Velocimetry for imaging flows in passive microfluidic mixers	Jl	2018	RIV19	I	0,2
	R	W	S	K		5856	2.5.1	Local Turbulent Energy Dissipation Rate in an Agitated Vessel: Experimental and Tu...	Jl	2018	RIV19	P(2)	0,17
	R	S	S	K		4573	2.5.6	Single cavitation bubble interaction close to hydrophobic surface	JN	2017	RIV18	P(3)	0,25
	R		P	K		951	JK	Cavitation Bubble Interaction Close to Ultra-Hydrophobic Surface	JN	2016	RIV17	P(2),S	0,25
	R		P	K		1935	JP	The experimental study of the coherent structures generated in the agitated vessel...	Jl	2015	RIV16	P	0,25
	R		S	K		2833	JK	The synchronized force impact measurement and visualization of single cavitation ...	Jl	2015	RIV16	P	0,25
						2015	2016	2017	2018	2019	2020	2021	Σ
Jl						2			2	3	2	3	12
JN							1	1		1			3
Σ						2	1	1	2	4	2	3	15
						2015	2016	2017	2018	2019	2020	2021	Σ
Jl						0.5	0	0	0.37	0.48	0.37	0.39	2,11
JN						0	0.25	0.25	0	0.33	0	0	0,83
Σ						0.5	0.25	0.25	0.37	0.81	0.37	0.39	2.94

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2. příspěvek ve sborníku mezin.recenz.vědecké konf. A*/jiné

V období 2015-2025 jsem se podílela na 34 konferenčních příspěvcích zveřejněných v databázi Scopus kategorie D, s celkovým podílem 8,59 násobeno koeficientem 4, tj. **34,36** bodů.

Ex	R	Ix	W	Z	Q	ID	dFORD	název v původním jazyce výsledku	typ	vytv.	RIV	návaznosti	P/P
			S	K		10965	1.3.6	Quantitative Schlieren imaging based on fringe projection	D	2023	nonRIV	I	0,14
	R		W	S	K	7082	1.3.5	Flow field velocity measurement of liquid interaction with rigid and flexible wall	D	2019	RIV20	P(2)	0,25
	R	S	S	S	K	5848	2.5.1	Stereoscopic TR PIV measurement and POD analysis of flow behind the turbine pr...	D	2018	RIV19	P	0,33
	R	W	S	S	K	5849	2.5.1	Local velocity scaling in an impeller discharge flow in T400 vessel agitated by toot...	D	2018	RIV19	P(2)	0,14
	R	W	S	S	K	5850	2.2.1	Droplets size evolution of dispersion in a stirred tank	D	2018	RIV19	P(2)	0,2
	R	W	S	S	K	5851	2.2.1	Compiled visualization with IPI method for analysing of liquid-liquid mixing process	D	2018	RIV19	P(2)	0,2
	R	W	S	S	K	5853	2.5.6	Comparison of cavitation bubbles evolution in viscous media	D	2018	RIV19	P(2),S	0,25
	R	S	S	S	K	5854	1.3.5	Flow of Newtonian and non-Newtonian fluid through pipe with flexible wall	D	2018	RIV19	P	0,33
	R	W	S	S	F	4145	2.7.4	Active control of continuous air jet with bifurcated synthetic jets	D	2017	RIV18	P	0,25
	R	W	S	S	K	4574	1.3.3	Global Imaging Method for Measuring Ionic Wind in the Vicinity of the Hv Powered ...	D	2017	RIV18	S	0,25
	R	W	S	S	K	4575	2.3.2	Local velocity scaling in T400 vessel agitated by Rushton turbine in a fully turbulen...	D	2017	RIV18	P(2)	0,14
	R	W	S	S	K	4576	2.3.2	The minimum record time for PIV measurement in a vessel agitated by a Rushton t...	D	2017	RIV18	P(2)	0,14
	R	W	S	S	K	4577	2.5.1	Evaluation of the turbulent kinetic dissipation rate in an agitated vessel	D	2017	RIV18	P(2)	0,2
	R	W	S	S	K	4595	2.5.1	The interaction between fluid flow and ultra-hydrophobic surface in mini channel	D	2017	RIV18	P(2)	0,2
	R	W	S	S	K	4600	2.5.6	Comparison of ultrasound and LIB generated cavitation bubble	D	2017	RIV18	P	0,2
	R	W	S	S	K	4645	2.5.6	Velocity profiles of fluid flow close to a hydrophobic surface	D	2017	RIV18	P	0,25
	R		W	S	F	627	JE	Active control of axisymmetric flow with two synthetic jets worked in bifurcated m...	D	2016	RIV17	P,S	0,25
	R	W	P	S	K	851	JB	An effect of entrance length on development of velocity profile in channel of millim...	D	2016	RIV17	P	0,33
	R	S	P	S	F	853	JK	A liquid interaction with ultrahydrophobic surfaces	D	2016	RIV17	P(2)	0,25
	R	S	S	S	K	854	JU	An experimental study of the glottal jet	D	2016	RIV17	I	0,25
	R	S	P	S	K	855	JB	Visualization and measurement of the air film close ultra-hydrophobic surfaces	D	2016	RIV17	P(2)	0,25
	R	W	S	S	K	856	JK	Experimental setup for laser-induced breakdown in aqueous media	D	2016	RIV17	P,S	0,2
		W	P	S	K	3659	JB	Coandă effect with the influence of hydrophobic surface	D	2016	RIV17	P	0,2
		S	P	S	K	3835	BK	Global Imaging method for measuring ionic wind in the vicinity of the HV powered ...	D	2016	RIV17	S	0,25
	R	S	P	S	F	342	BK	Time Resolved PIV Measurement of Fluid Dynamics in Agitated Vessels	D	2015	RIV16	P	0,34
	R	W	S	S	K	852	BC	A visualization of rising fibres from wire technology process	D	2015	RIV17	P(2)	0,2
	R	W	P	S	F	1389	JP	Estimation of turbulence dissipation rate by Large eddy PIV method in an agitated ...	D	2015	RIV16	P	0,25
	R	W	P	S	K	1713	JB	Drop movement analysis on inclined surface for the adhesion coefficient determin...	D	2015	RIV16	P(2)	0,4
	R	W	S	S	K	2322	JE	The feasible study of the water flow in the micro channel with the Y-junction and n...	D	2015	RIV16	P(3)	0,4
	R	S	S	S	F	2324	2.10.2	A liquid interaction with ultrahydrophobic surfaces	D	2015	RIV16	P(2)	0,4
	R	W	P	S	K	2632	1.3.5	Laser anemometry based measurement of electric wind generated by AC power s...	D	2015	RIV16	P,S	0,2
	R		W	S	K	2834	JB	Vysokorychlostní vizualizace v průmyslové i výzkumné praxi	D	2015	RIV16	P(2)	0,25
	R		W	S	K	2836	JJ	Metody pro studium interakcí kapalin s hydrofobními povrchy	D	2015	RIV16	P(2)	0,5
	R		W	S	F	3007	JB	A visualization of rising fibres from wire technology process	D	2015	RIV16	P(2)	0,2

	2015	2016	2017	2018	2019	2023	Σ
D	10	8	8	6	1	1	34
Σ	10	8	8	6	1	1	34

	2015	2016	2017	2018	2019	2023	Σ
D	3,14	1,98	1,63	1,45	0,25	0,14	8,59
Σ	3,14	1,98	1,63	1,45	0,25	0,14	8,59

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A dále konferenčních příspěvků kategorie DN zveřejněných ve sbornících s celkovým podílem 6,97 násobeno koeficientem 2, tj. **13,94**.

Ex	R	Ix	W	Z	Q	ID	dFORD	název v původním jazyce výsledku	typ	vytv.	RIV	návaznosti	P/P
R		S	K			10169	2.5.6	Evolution and implosion of cavitation bubbles towards solid surface	DN	2022	RIV24	P,S	0,25
R		S	K			10588	1.3.0.1	Analysis of velocity distribution in an air flow through a thin perforated plate	DN	2022	RIV24	P	0,2
R		S	K			10597	1.3.0.2	Mikrofluidický čip pro tvorbu disperze lipidické fáze do vodného roztoku	DN	2022	RIV23	P	0,17
R		S	K			10598	1.3.0.2	A microfluidic chip for generation a lipid phase in an aqueous dispersion	DN	2022	RIV23	P	0,2
R		S	K			9042	2.5.6	Feasibilities of foam-forming bacteria disintegration by ultrasonic atomization	DN	2021	RIV23	P,S	0,2
R		S	K			7988	2.5.6	Sterilization of Biofilm in Foam Using a Single Cavitation Bubble	DN	2020	RIV23	P,S	0,12
R		S	V			5600	2.5.6	Laser generated plasma followed by shocks and increasing cavitation bubble in a ...	DN	2019	RIV20	P,S	0,13
R		S	K			6818	2.5.6	Evolution and implosion of cavitation bubbles towards solid surface	DN	2019	RIV20	P,S	0,25
R		S	K			7083	1.3.5	PIV measurement in manufactured transparent models of carotid artery bifurcation	DN	2019	RIV20	P	0,33
R		S	K			7084	1.6.10	Design of a felxible tube with mechanical properties similar to a real vein for the p...	DN	2019	RIV20	P	0,2
		P				7453	3.4.1	Měření rychlostních polí proudění v reálném modelu karotidové bifurkace metodou...	DN	2019	nonRIV	I	0,5
R		S	K			5862	1.4.5	A feasibility study for mapping the movement of raising fibers in DC and AC electri...	DN	2018	RIV19	P	0,2
R		S	K			5865	3.2.3	Využití metody PIV pro studium proudění v částích dýchacích cest	DN	2018	RIV19	P	0,33
R		S	K			5866	2.3.6	Studium laserem indukované kavitace vizualizačními metodami	DN	2018	RIV19	P	0,33
R		S	K			5867	1.3.5	Flow field velocity measurement of liquid interaction with rigid and flexible wall	DN	2018	RIV19	P(2)	0,25
R		S	K			5868	2.2.1	Measurement of drop size distribution time rate for liquid-liquid dispersion using IP...	DN	2018	RIV19	P(2)	0,2
R		S	K			5869	2.5.1	Local velocity scaling in upward flow to tooth impeller in a fully turbulent region	DN	2018	RIV19	P(2)	0,14
R		S	K			5928	2.5.3	Thermal performance of aerogel-embedded fibrous materials under convection	DN	2018	RIV19	S	0,17
R		S	K			4597	1.3.5	Studium proudění a vzduchové vrstvy v blízkosti hydrofobního povrchu	DN	2017	RIV18	P	0,33
R		S	K			4618	2.5.6	Comparison of cavitation bubbles evolution in viscous media	DN	2017	RIV18	P(2),S	0,25
R		S	K			4619	2.7.5	Compiled visualization with IPI method for analysing of liquid-liquid mixing process	DN	2017	RIV18	P(2)	0,2
R		S	K			4620	2.5.1	Droplets size evolution of dispersion in a stirred tank	DN	2017	RIV18	P	0,2
R		S	K			4621	2.2.1	Local velocity scaling in an impeller discharge flow in T400 vessel agitated by toot...	DN	2017	RIV18	P(2)	0,14
		P	K			857	JK	Velocity profiles of fluid flow close to a hydrophobic surface	DN	2016	RIV17		0,25
R		S	K			859	2.5.6	Comparison of ultrasound and LIB generated cavitation bubble	DN	2016	RIV17	I,P,S	0,25
R		P	K			860	JP	The interaction between fluid flow and ultra-hydrophobic surface in mini channel	DN	2016	RIV17	P	0,2
R		P	K			861	JP	Evaluation of the turbulent kinetic dissipation rate in an agitated vessel	DN	2016	RIV17	P	0,2
R		P	K			862	JP	Local velocity scaling in T400 vessel agitated by Rushton turbine in a fully turbulen...	DN	2016	RIV17	P(2)	0,14
R		P	K			863	JB	The minimum record time for PIV measurement in a vessel agitated by a Rushton t...	DN	2016	RIV17	P(2)	0,14
		N	K			1131	2.6.1	An experimental study of the glottal jet	DN	2015	RIV16	I	0,25
		P	K			2325	JP	Three-dimensional reconstruction of 2D PIV data in agitated vessels	DN	2015	RIV16	I	0,25

	2015	2016	2017	2018	2019	2020	2021	2022	Σ
DN	2	6	5	7	5	1	1	4	31
Σ	2	6	5	7	5	1	1	4	31

	2015	2016	2017	2018	2019	2020	2021	2022	Σ
DN	0.5	1,18	1,12	1,62	1,41	0,12	0,2	0,82	6,97
Σ	0,5	1,18	1,12	1,62	1,41	0,12	0,2	0,82	6,97

Výpis z databáze publikace.tul.cz:

BJORGEN, Petr, Darina LIEDERHAUSOVÁ, Michal KOTEK a Václav KOPECKÝ. Evolution and implosion of cavitation bubbles towards solid surface EPJ Web of Conferences. 2022. Stránky neuvedeny (4 stránky). ISSN 2100-014X, EISSN 2100-014X. [DN – 25 %]

GROMA, Adam, Adam KAZDA, Michal KOTEK, Darina LIEDERHAUSOVÁ a Adam KUŘE. Analysis of velocity distribution in an air flow through a thin perforated plate EFM21 – 15th International Conference “Experimental Fluid Mechanics 2021”. EPJ Web of Conferences, 2022. Stránky neuvedeny (6 stránek). ISSN 2101-6275. [DN – 20 %]

LIEDERHAUSOVÁ, Darina, Michal KOTEK, Petr BRAŽKA, Taťána FENCLOVÁ, Petr ŠIDLOF aj. Mikrofluidický čip pro tvorbu disperze lipidické fáze do vodného roztoku 34th symposium on

anemometry. Praha: Institute of Hydrodynamics ASCR, v.v.i., 2022. S. 23 – 33. ISBN 978-80-87117-21-7. [DN – 16,67 %]

LIEDERHAUSOVÁ, Darina, Michal KOTEK, Petr BRAŤKA, Petr ŠIDLOF a Václav KOPECKÝ. A microfluidic chip for generation a lipid phase in an aqueous dispersion Experimental Fluid Mechanics 2022, Proceedings of the International Conference. Experimental Fluid Mechanics 2022, 2022. Stránky neuvedeny (6 stránek). [DN – 20 %]

BJORGEN, Petr, Darina LIEDERHAUSOVÁ, Michal KOTEK, Karel HAVLÍČEK a Jakub EICHLER. Feasibilities of foam-forming bacteria disintegration by ultrasonic atomization EPJ Web of Conferences. 1. vyd. Liberec: Technical University of Liberec, 2021. S. 193 – 196. ISSN 2100-014X, EISSN 2100-014X. [DN – 20 %]

BJORGEN, Petr, Darina LIEDERHAUSOVÁ, Michal KOTEK, Karel HAVLÍČEK, Magda NECHANICKÁ aj. Sterilization of Biofilm in Foam Using a Single Cavitation Bubble MATEC Web of Conferences 328, 05003 (2020). 1. vyd. XXII. AEaNMiFMaE-2020: EDP Science, 2020. Stránky neuvedeny (7 stránek). ISSN 2261-236X, EISSN 2261-236X. [DN – 12 %]

BJORGEN, Petr, Walter GAREN, Sandra KOCH, Walter NEU, Petra DANČOVÁ aj. Laser generated plasma followed by shocks and increasing cavitation bubble in a mini-glass tube Proceedings of the International conference Experimental Fluid Mechanics 2018. Liberec: Technical University of Liberec, 2019. S. 485 – 489. [DN – 12,5 %]

BJORGEN, Petr, Darina LIEDERHAUSOVÁ, Michal KOTEK a Václav KOPECKÝ. Evolution and implosion of cavitation bubbles towards solid surface Proceedings of the International conference Experimental Fluid Mechanics 2019. 1. vyd. Liberec: Technical University of Liberec, 2019. S. 449 – 452. [DN – 25 %]

LIEDERHAUSOVÁ, Darina, Michal KOTEK a Václav KOPECKÝ. PIV measurement in manufactured transparent models of carotid artery bifurcation International conference Experimental Fluid Mechanics 2019. Liberec: 2019. S. 196 – 202. [DN – 33,33 %]

MALÍK, Michal, Jiří PRIMAS, Michal KOTEK, Darina LIEDERHAUSOVÁ a Václav KOPECKÝ. Design of a felxible tube with mechanical properties similar to a real vein for the purpose of measuring the characterisc tic of flow inside Proceedings of the International conference Experimental Fluid Mechanics 2019. Liberec: KEZ, 2019. Stránky neuvedeny (5 stránek). [DN – 20 %]

ERBEN, Josef a Darina LIEDERHAUSOVÁ. Měření rychlostních polí proudění v reálném modelu karotidové bifurkace metodou PIV SBORNÍK PŘÍSPĚVKŮ XI. Liberecké konference nelékařských oborů a XII. Studentské vědecké konference. Liberec: Technická univerzita v Liberci, 2019. S. 26 – 27. ISBN 978-80-7494-494-9. [DN – 50 %]

LIEDERHAUSOVÁ, Darina, Michal KOTEK, Tomáš KALOUS, Jan VALTERA a Václav KOPECKÝ. A feasibility study for mapping the movement of raising fibers in DC and AC electric field Proceedings 19th LISBON Symposium ON APPLICATION OF LASER AND IMAGING TECHNIQUES TO FLUID MECHANICS. 2018. Stránky neuvedeny (15 stránek). [DN – 20 %]

KOTEK, Michal, Darina LIEDERHAUSOVÁ a Václav KOPECKÝ. Využití metody PIV pro studium proudění v částích dýchacích cest 32nd SYMPOSIUM ON ANEMOMETRY. 1. vyd. Holany-Litice: 2018. Stránky neuvedeny (6 stránek). [DN – 33,33 %]

LIEDERHAUSOVÁ, Darina, Michal KOTEK a Václav KOPECKÝ. Studium laserem indukované kavitace vizualizačními metodami 32nd SYMPOSIUM ON ANEMOMETRY PROCEEDINGS. 1. vyd. 2018. Stránky neuvedeny (11 stránek). [DN – 33,33 %]

LIEDERHAUSOVÁ, Darina, Michal KOTEK, František POCHYLÝ a Václav KOPECKÝ. Flow field velocity measurement of liquid interaction with rigid and flexible wall International Conference Experimental Fluid Mechanics 2018- Conference Proceedings. 1. vyd. 2018. Stránky neuvedeny (4 stránky). [DN – 25 %]

LIEDERHAUSOVÁ, Darina, Michal KOTEK, Bohuš KYSELA, Radek ŠULC a Václav KOPECKÝ. Measurement of drop size distribution time rate for liquid-liquid dispersion using IPI method International Conference Experimental Fluid Mechanics 2018- Conference Proceedings. 1. vyd. 2018. Stránky neuvedeny (6 stránek). [DN – 20 %]

ŠULC, Radek, Pavel DITL, Ivan FOŘT, Darina LIEDERHAUSOVÁ, Michal KOTEK aj. Local velocity scaling in upward flow to tooth impeller in a fully turbulent region International Conference Experimental Fluid Mechanics 2018- Conference Proceedings. 1. vyd. 2018. Stránky neuvedeny (10 stránek). [DN – 14,29 %]

XIONG, Xiaoman, Mohanapriya VENKATARAMAN, Darina LIEDERHAUSOVÁ, Tao YANG, Rajesh MISHRA aj. Thermal performance of aerogel-embedded fibrous materials under convection STRUTEX 2018 International Ph.D. Students Day. Liberec: Technical University of liberec, 2018. S. 69 – 72. [DN – 16,67 %]

KOTEK, Michal, Darina LIEDERHAUSOVÁ a Václav KOPECKÝ. Studium proudění a vzduchové vrstvy v blízkosti hydrofobního povrchu 31st symposium on anemometry. Praha: Institute of hydrodynamics CAS, 2017. Stránky neuvedeny (6 stránek). [DN – 33,33 %]

LIEDERHAUSOVÁ, Darina, Petr BJØRGEN, Michal KOTEK a Václav KOPECKÝ. Comparison of cavitation bubbles evolution in viscous media Proceedings of the International conference Experimental Fluid Mechanics 2017. Liberec: 2017. S. 235 – 240. [DN – 25 %]

LIEDERHAUSOVÁ, Darina, Michal KOTEK, Bohuš KYSELA, Radek ŠULC a Václav KOPECKÝ. Compiled visualization with IPI method for analysing of liquid-liquid mixing process Proceedings of the International conference Experimental Fluid Mechanics 2017. 1. vyd. 2017. S. 214 – 246. [DN – 20 %]

KYSELA, Bohuš, Jiří KONFRŠT, Zdeněk CHÁRA, Radek ŠULC a Darina LIEDERHAUSOVÁ. Droplets size evolution of dispersion in a stirred tank Proceedings of the International conference Experimental Fluid Mechanics 2017. 1. vyd. 2017. S. 353 – 357. [DN – 20 %]

ŠULC, Radek, Pavel DITL, Ivan FOŘT, Darina LIEDERHAUSOVÁ, Michal KOTEK aj. Local velocity scaling in an impeller discharge flow in T400 vessel agitated by tooth impeller in a fully turbulent region

Proceedings of the International conference Experimental Fluid Mechanics 2017. 1. vyd. 2017. S. 628 – 635. [DN – 14,29 %]

FIALOVÁ, Simona, František POCHYLÝ, Michal KOTEK a Darina LIEDERHAUSOVÁ. Velocity profiles of fluid flow close to a hydrophobic surface Conference Proceedings of International Conference Experimental Fluid Mechanics 2016. 1. vyd. KEZ: TUL Liberec, 2016. Stránky neuvedeny (1 stránka). [DN – 25 %]

LIEDERHAUSOVÁ, Darina, Petr BJØRGEN, Michal KOTEK a Václav KOPECKÝ. Comparison of ultrasound and LIB generated cavitation bubble Conference Proceedings of International Conference Experimental Fluid Mechanics 2016. KEZ: TUL Liberec, 2016. Stránky neuvedeny (4 stránky). [DN – 25 %]

LIEDERHAUSOVÁ, Darina, Maja GASIČ, Simona FIALOVÁ, Michal KOTEK a Václav KOPECKÝ. The interaction between fluid flow and ultra-hydrophobic surface in mini channel Conference Proceedings of International Conference Experimental Fluid Mechanics 2016. 1. vyd. KEZ: TUL Liberec, 2016. Stránky neuvedeny (1 stránka). [DN – 20 %]

KYSELA, Bohuš, Jiří KONFRŠT, Zdeněk CHÁRA, Radek ŠULC a Darina LIEDERHAUSOVÁ. Evaluation of the turbulent kinetic dissipation rate in an agitated vessel Conference Proceedings of International Conference Experimental Fluid Mechanics 2016. 1. vyd. KEZ: TUL Liberec, 2016. Stránky neuvedeny (4 stránky). [DN – 20 %]

ŠULC, Radek, Pavel DITL, Ivan FOŘT, Darina LIEDERHAUSOVÁ, Michal KOTEK aj. Local velocity scaling in T400 vessel agitated by Rushton turbine in a fully turbulent region Conference Proceedings of International Conference Experimental Fluid Mechanics 2016. 1. vyd. KEZ: TUL Liberec, 2016. Stránky neuvedeny (1 stránka). [DN – 14,29 %]

ŠULC, Radek, Pavel DITL, Ivan FOŘT, Darina LIEDERHAUSOVÁ, Michal KOTEK aj. The minimum record time for PIV measurement in a vessel agitated by a Rushton turbine Conference Proceedings of International Conference Experimental Fluid Mechanics 2016. 1. vyd. KEZ: TUL Liberec, 2016. Stránky neuvedeny (1 stránka). [DN – 14,29 %]

LIEDERHAUSOVÁ, Darina, Petr ŠIDLOF, Michal KOTEK a Václav KOPECKÝ. An experimental study of the glottal jet Conference proceedings – International Conference Experimental Fluid Mechanics 2015. 1. vyd. Liberec: TUL, Liberec, 2015. S. 351 – 354. [DN – 25 %]

LIEDERHAUSOVÁ, Darina, Bohuš KYSELA, Václav KOPECKÝ a David PAVLÍK. Three-dimensional reconstruction of 2D PIV data in agitated vessels Conference proceedings – International Conference Experimental Fluid Mechanics 2015. 1. vyd. Liberec: TUL, Liberec, 2015. S. 579 – 583. [DN – 25 %]

3. Udělený užitný vzor, průmyslový vzor národní

Jsem spoluautorkou následujících 4 užitných vzorů s koeficientem 1 přispívá **4 body**:

BRAŤKA, Petr, Václav KOPECKÝ, Michal KOTEK a Darina LIEDERHAUSOVÁ. Zařízení pro depozici roztoků [užitný vzor]. Zapsán 20. 9. 2022 pod číslem 36360. [FU – 25 %]

UŽITNÝ VZOR

(19) ČESKÁ REPUBLIKA  ÚŘAD PRŮMYSLového VLASTNICTVÍ	(21) Číslo přihlášky: 2022-39841 (22) Přihlášeno: 29.04.2022 (47) Zapsáno: 20.09.2022	(11) Číslo dokumentu: 36 360 (13) Druh dokumentu: U1 (51) Int. Cl.: A61J 3/00 (2006.01)
(73) Majitel: Grade Medical s.r.o., Kladno, Kročehlavy, CZ Technická univerzita v Liberci, Liberec, Liberec I - Staré Město, CZ (72) Původce: Ing. Petr Braňka, Praha 4, Krč, CZ Ing. Václav Kopecký, CSc., Liberec, Liberec XV - Starý Harcov, CZ Ing. Michal Kotek, Ph.D., Liberec, Liberec XVI - Nový Harcov, CZ Ing. Darina Jašíková, Ph.D., Liberec, Liberec VII - Horní Růžodol, CZ (74) Zástupce: Ing. Milan Škoda, Nahořanská 308, 549 01 Nové Město nad Metují, Krčín		
(54) Název užitého vzoru: Zařízení pro depozici roztoků		

BRAŤKA, Petr, Václav KOPECKÝ, Michal KOTEK, Darina LIEDERHAUSOVÁ a Tomáš TRČ. Emulzifikační zařízení [užitný vzor]. Zapsán 31. 5. 2022 pod číslem 36 094. [FU – 20 %]

UŽITNÝ VZOR

(19) ČESKÁ REPUBLIKA  ÚŘAD PRŮMYSLového VLASTNICTVÍ	(21) Číslo přihlášky: 2022-39840 (22) Přihlášeno: 29.04.2022 (47) Zapsáno: 31.05.2022	(11) Číslo dokumentu: 36 094 (13) Druh dokumentu: U1 (51) Int. Cl.: A61J 3/00 (2006.01) B01F 23/41 (2022.01) B01F 23/43 (2022.01) B01F 101/21 (2022.01) B01F 101/22 (2022.01)
(73) Majitel: Grade Medical s.r.o., Kladno, Kročehlavy, CZ Technická univerzita v Liberci, Liberec, Liberec I - Staré Město, CZ (72) Původce: Ing. Petr Braňka, Praha 4, Krč, CZ prof. MUDr. Tomáš Trč, CSc., MBA, Praha 4, Hodkovičky, CZ Ing. Václav Kopecký, CSc., Liberec, Liberec XV - Starý Harcov, CZ Ing. Michal Kotek, Ph.D., Liberec, Liberec XVI - Nový Harcov, CZ Ing. Darina Jašíková, Ph.D., Liberec, Liberec VII - Horní Růžodol, CZ (74) Zástupce: Ing. Milan Škoda, Nahořanská 308, 549 01 Nové Město nad Metují, Krčín		
(54) Název užitého vzoru: Emulzifikační zařízení		

BRAŤKA, Petr, Václav KOPECKÝ, Michal KOTEK a Darina LIEDERHAUSOVÁ. Mikrofluidní čip [užitný vzor]. Zapsán 19. 7. 2022 pod číslem 36 218. [FU – 25 %]

UŽITNÝ VZOR

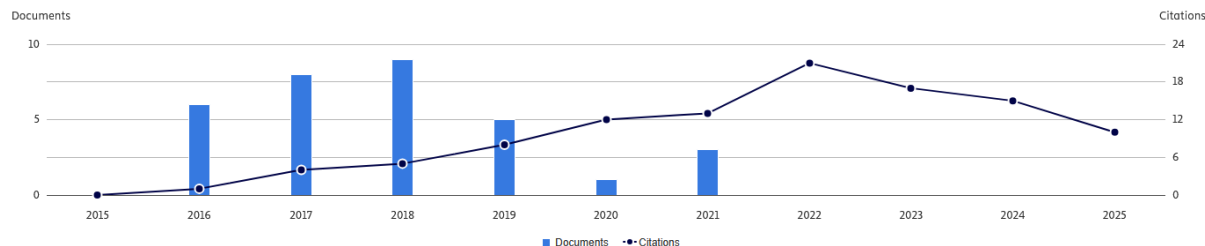
(19) ČESKÁ REPUBLIKA  ÚŘAD PRŮMYSLového VLASTNICTVÍ	(21) Číslo přihlášky: 2022-39839 (22) Přihlášeno: 29.04.2022 (47) Zapsáno: 19.07.2022	(11) Číslo dokumentu: 36 218 (13) Druh dokumentu: U1 (51) Int. Cl.: B01F 33/30 (2022.01) B01F 23/40 (2022.01) B01F 23/451 (2022.01)
(73) Majitel: Grade Medical s.r.o., Kladno, Křečehlav, CZ Technická univerzita v Liberci, Liberec, Liberec I- Staré Město, CZ (72) Původce: Ing. Petr Braňka, Praha 4, Krč, CZ Ing. Václav Kopecký, CSc., Liberec, Liberec XV- Starý Harcov, CZ Ing. Michal Kotek, Ph.D., Liberec, Liberec XVI- Nový Harcov, CZ Ing. Darina Jašíková, Ph.D., Liberec, Liberec VII- Horní Růžodol, CZ (74) Zástupce: Ing. Milan Škoda, Nahořanská 308, 549 01 Nové Město nad Metují, Krčín		
(54) Název užitého vzoru: Mikrofluidní čip		

HŘEBÍČEK, Tomáš, Jan BUK, Jana RŮŽIČKOVÁ, Václav KOPECKÝ, Michal KOTEK aj. Zvláknovací hlava [užitný vzor]. Zapsán 22. 3. 2022 pod číslem 35 864. [FU – 16,67 %]

(19) ČESKÁ REPUBLIKA  ÚŘAD PRŮMYSLového VLASTNICTVÍ	(21) Číslo přihlášky: 2021-39384 (22) Přihlášeno: 19.11.2021 (47) Zapsáno: 22.03.2022	(11) Číslo dokumentu: 35 864 (13) Druh dokumentu: U1 (51) Int. Cl.: D01D 5/18 (2006.01) B29C 48/05 (2019.01)
(73) Majitel: PARDAM NANO4FIBERS s.r.o., Roudnice nad Labem, CZ Technická univerzita v Liberci, Liberec, Liberec I- Staré Město, CZ (72) Původce: Ing. Tomáš Hřebíček, Litoměřice, Předměstí, CZ Mgr. Jan Buk, Roudnice nad Labem, CZ Ing. Jana Růžičková, Ph.D., Praha 4, Kunratice, CZ prof. Ing. Václav Kopecký, CSc., Liberec, Liberec XV-Starý Harcov, CZ Ing. Michal Kotek, Ph.D., Liberec, Liberec XVI- Nový Harcov, CZ Ing. Darina Jašíková, Ph.D., Liberec, Liberec VII- Horní Růžodol, CZ (74) Zástupce: Kania, Sedlák, Smola, s.r.o., Mendlovo náměstí 907/1a, 603 00 Brno, Staré Brno		
(54) Název užitého vzoru: Zvláknovací hlava		

4. citace ve WoS/Scopus/MathSci/ERIH

V monitorovaném období 2015-2025 je v databázi Scopus vykázáno 106 citací na 49 dokumentech. Celkový publikační podíl na citacích v tomto období je 11,53. Průměrný podíl je 0,23. Zvážením koeficientu je pak celkový příděl bodů $106 \cdot 0,23 \cdot 3 = 73,14$ bodů.



Výpis publikace.tul.cz:

Ex	R	Ix	W	Z	Q	ID	dFORD	název v původním jazyce výsledku	typ	vytv.	RIV	návaznosti	P/P
			S	K		10965	1.3.6	Quantitative Schlieren imaging based on fringe projection	D	2023	nonRIV	I	0,14
R	W	S	K		3	6673	2.5.3	An experimental evaluation of convective heat transfer in multi-layered fibrous ma...	Jl	2021	RIV22	P(4)	0,14
R	W	S	K		4	7305	2.5.3	Thermal Behavior of Aerogel-Embedded Nonwovens in Cross Airflow	Jl	2021	RIV21	P	0,14
R	W	S	F		2	8811	1.3.0.1	On the Use of Laser Fragmentation for the Synthesis of Ligand-Free Ultra-Small Ir...	Jl	2021	RIV22	I,P(2)	0,11
R	W	S	K		4	7115	2.3.1	Mixing of two immiscible phases measured by industrial electrical impedance tom...	Jl	2020	RIV21	I	0,2
R	W	S	K			8632	2.11.0.3	The Minimum Recording Time for PIV Measurements in a Vessel Agitated by a Hig...	Jl	2020	RIV21	P(2)	0,17
R	W	S	K			5683	2.10.1	Laser-assisted synthesis of Fe-Cu oxide nanocrystals	Jl	2019	RIV19	P(3)	0,11
R	W	S	K		4	5893	1.3.5	Influence of an External Air Flow on a System of High-Voltage Asymmetrical Electr...	Jl	2019	RIV20	P(2)	0,2
R	W	S	K		3	6988	2.4.2	Effect of Particle Image Velocimetry Setting Parameters on Local Velocity Measur...	Jl	2019	RIV20	P(2)	0,17
R	S	S	K			6990	1.6.10	Application of laser-induced breakdown cavitation bubbles for cell lysis in vitro	JN	2019	RIV20	P	0,33
R	W	S	K			7082	1.3.5	Flow field velocity measurement of liquid interaction with rigid and flexible wall	D	2019	RIV20	P(2)	0,25
R	W	S	K			5634	1.3.5	Micro-Particle Image Velocimetry for imaging flows in passive microfluidic mixers	Jl	2018	RIV19	I	0,2
R	S	S	K			5848	2.5.1	Stereoscopic TR PIV measurement and POD analysis of flow behind the turbine pr...	D	2018	RIV19	P	0,33
R	W	S	K			5849	2.5.1	Local velocity scaling in an impeller discharge flow in T400 vessel agitated by toot...	D	2018	RIV19	P(2)	0,14
R	W	S	K			5850	2.2.1	Droplets size evolution of dispersion in a stirred tank	D	2018	RIV19	P(2)	0,2
R	W	S	K			5851	2.2.1	Compiled visualization with IPI method for analysing of liquid-liquid mixing process	D	2018	RIV19	P(2)	0,2
R	W	S	K			5853	2.5.6	Comparison of cavitation bubbles evolution in viscous media	D	2018	RIV19	P(2),S	0,25
R	S	S	K			5854	1.3.5	Flow of Newtonian and non-Newtonian fluid through pipe with flexible wall	D	2018	RIV19	P	0,33
R	W	S	K				2.5.1	Local Turbulent Energy Dissipation Rate in an Agitated Vessel: Experimental and T...	Jl	2018	RIV19	P(2)	0,17
R	W	S	F			4145	2.7.4	Active control of continuous air jet with bifurcated synthetic jets	D	2017	RIV18	P	0,25
R	S	S	K			4573	2.5.6	Single cavitation bubble interaction close to hydrophobic surface	JN	2017	RIV18	P(3)	0,25
R	W	S	K			4574	1.3.3	Global Imaging Method for Measuring Ionic Wind in the Vicinity of the Hv Powered...	D	2017	RIV18	S	0,25
R	W	S	K			4575	2.3.2	Local velocity scaling in T400 vessel agitated by Rushton turbine in a fully turbule...	D	2017	RIV18	P(2)	0,14
R	W	S	K			4576	2.3.2	The minimum record time for PIV measurement in a vessel agitated by a Rushton t...	D	2017	RIV18	P(2)	0,14
R	W	S	K			4577	2.5.1	Evaluation of the turbulent kinetic dissipation rate in an agitated vessel	D	2017	RIV18	P(2)	0,2
R	W	S	K			4595	2.5.1	The interaction between fluid flow and ultra-hydrophobic surface in mini channel	D	2017	RIV18	P(2)	0,2
R	W	S	K			4600	2.5.6	Comparison of ultrasound and LIB generated cavitation bubble	D	2017	RIV18	P	0,2
R	W	S	K			4645	2.5.6	Velocity profiles of fluid flow close to a hydrophobic surface	D	2017	RIV18	P	0,25
R	S	S	F			627	JE	Active control of axisymmetric flow with two synthetic jets worked in bifurcated m...	D	2016	RIV17	P,S	0,25
R	W	P	K			851	JB	An effect of entrance length on development of velocity profile in channel of milli...	D	2016	RIV17	P	0,33
R	S	P	F			853	JK	A liquid interaction with ultrahydrophobic surfaces	D	2016	RIV17	P(2)	0,25
R	S	S	K			854	JU	An experimental study of the glottal jet	D	2016	RIV17	I	0,25
R	S	P	K			855	JB	Visualization and measurement of the air film close ultra-hydrophobic surfaces	D	2016	RIV17	P(2)	0,25
R	W	S	K			856	JK	Experimental setup for laser-induced breakdown in aqueous media	D	2016	RIV17	P,S	0,2
R	S	P	K			951	JK	Cavitation Bubble Interaction Close to Ultra-Hydrophobic Surface	JN	2016	RIV17	P(2),S	0,25
R	W	P	K			3659	JB	Coandă effect with the influence of hydrophobic surface	D	2016	RIV17	P	0,2
R	S	P	K			3835	BK	Global Imaging method for measuring ionic wind in the vicinity of the HV powered ...	D	2016	RIV17	S	0,25
R	S	P	F			342	BK	Time Resolved PIV Measurement of Fluid Dynamics in Agitated Vessels	D	2015	RIV16	P	0,34
R	W	S	K			852	BC	A visualization of rising fibres from wire technology process	D	2015	RIV17	P(2)	0,2
R	W	P	F			1389	JP	Estimation of turbulence dissipation rate by Large eddy PIV method in an agitated...	D	2015	RIV16	P	0,25
R	W	P	K			1713	JB	Drop movement analysis on inclined surface for the adhesion coefficient determin...	D	2015	RIV16	P(2)	0,4
R	S	P	K			1935	JP	The experimental study of the coherent structures generated in the agitated vess...	Jl	2015	RIV16	P	0,25
R	W	S	K			2322	JE	The feasible study of the water flow in the micro channel with the Y-junction and ...	D	2015	RIV16	P(3)	0,4
R	S	S	F			2324	2.10.2	A liquid interaction with ultrahydrophobic surfaces	D	2015	RIV16	P(2)	0,4
R	W	P	K			2632	1.3.5	Laser anemometry based measurement of electric wind generated by AC power s...	D	2015	RIV16	P,S	0,2
R	S	S	K			2833	JK	The synchronized force impact measurement and visualization of single cavitation...	Jl	2015	RIV16	P	0,25
R	S	S	K			2834	JB	Vysokorychlostní vizualizace v průmyslové i výzkumné praxi	D	2015	RIV16	P(2)	0,25
R	S	S	K			2836	JJ	Metody pro studium interakcí kapalin s hydrofobními povrchy	D	2015	RIV16	P(2)	0,5
R	S	S	F			3007	JB	A visualization of rising fibres from wire technology process	D	2015	RIV16	P(2)	0,2

	2015	2016	2017	2018	2019	2020	2021	2023	Σ
D	10	8	8	6	1			1	34
Jl	2			2	3	2	3		12
JN		1	1		1				3
Σ	12	9	9	8	5	2	3	1	49

	2015	2016	2017	2018	2019	2020	2021	2023	Σ
D	3,14	1,98	1,63	1,45	0,25	0	0	0,14	8,59
Jl	0,5	0	0	0,37	0,48	0,37	0,39	0	2,11
JN	0	0,25	0,25	0	0,33	0	0	0	0,83
Σ	3,64	2,23	1,88	1,82	1,06	0,37	0,39	0,14	11,53