

**Список основных публикаций по теме рецензируемой диссертации
в рецензируемых научных изданиях за последние 5 лет:**

№ п/п	Полное библиографическое наименование публикации	Импакт-фактор журнала	Кол-во цитирований
1	2	3	4
<i>а) научные работы</i>			
1.	Abiev, R.S., Lavretsov, I.V. Hydrodynamics of gas-liquid Taylor flow and liquid-solid mass transfer in mini channels: Theory and experiment. Chemical Engineering Journal. 2011. V. 176-177, p. 57-64	4,321	5
2.	Abiev, R.S., Lavretsov, I.V. Hydrodynamics and mass exchange in gas-liquid slug flow in microchannels. Russian Journal of General Chemistry. 2012. Т. 82. № 12. С. 2088-2099.	0,477	0
3.	Abiev, R.S., Galushko, A.S. Hydrodynamics of pulsating flow type apparatus: Simulation and experiments. Chemical Engineering Journal. 2013. . Т. 229. С. 285-295	4,321	1
4.	Popova, E.A., Abiev, R.S., Lappalainen, L.A., (...), Trifonov, R.E., Ostrovskii, V.A. Synthesis of 5-phenyltetrazole and its N-methyl derivatives in a microreactor. Chemical and Biochemical Engineering Quarterly. 2014. Т. 28. № 2. С. 241-246	0,802	1
5.	Abiev, R.S. Effect of contact-angle hysteresis on the pressure drop under slug flow conditions in minichannels and microchannels. Theoretical Foundations of Chemical Engineering. 2015. V. 49 (4), P. 414-421	0,576	0
6.	Abiev R., Lavretsov I.V. INTENSIFICATION OF MASS TRANSFER FROM LIQUID TO CAPILLARY WALL BY TAYLOR VORTICES IN MINICHANNELS, BUBBLE VELOCITY AND PRESSURE DROP. Chemical Engineering Science. 2012. Т. 74. С. 59-68	2,337	8
7.	Abiev R.Sh .MODELING OF PRESSURE LOSSES FOR THE SLUG FLOW OF A GAS-LIQUID MIXTURE IN MINI- AND MICROCHANNELS. Theoretical Foundations of Chemical Engineering. 2011. Т. 45. № 2. С. 156-163.	0,576	3
8.	Abiev R.Sh., Lavretsov I.V. HYDRODYNAMICS OF GAS-LIQUID SLUG FLOW IN CAPILLARIES: COMPARING THEORY AND EXPERIMENT. Theoretical Foundations of Chemical Engineering. 2011. Т. 45. № 3. С. 235-247.	0,576	3
9.	Abiev R. BUBBLES VELOCITY, TAYLOR CIRCULATION RATE AND MASS TRANSFER MODEL FOR SLUG FLOW IN MILLI- AND MICROCHANNELS. Chemical Engineering Journal. 2013. Т. 227. С. 66-79.	4,321	2
10.	Abiev R.Sh. MODERN STATE AND PERSPECTIVES OF MICROTÉCHNIQUE APPLICATION IN CHEMICAL INDUSTRY. Russian Journal of General Chemistry. 2012. Т. 82. № 12. С. 2019-2024.	0,477	2
11.	Abiev R.Sh., Dymov A.V. MODELING THE	0,576	0

	HYDRODYNAMICS OF SLUG FLOW IN A MINICHANNEL FOR LIQUID-LIQUID TWO-PHASE SYSTEM. Theoretical Foundations of Chemical Engineering. 2013. Т. 47. № 4. С. 299-305.		
<i>б) авторские свидетельства, патенты, дипломы, лицензии, информационные карты, алгоритмы, проекты</i>			
12.	Абиев Р.Ш. Способ проведения газожидкостных реакций в реакторе с монолитным катализатором. Патент РФ №2348450, Б.И. 7, 2009.		
13.	Абиев Р.Ш. Аппарат для проведения газожидкостных каталитических реакций (варианты). Патент РФ №2348451, Б.И. 7, 2009.		
13.	Абиев Р.Ш. Аппарат для проведения газожидкостных каталитических реакций (варианты). Патент РФ №2348451, Б.И. 7, 2009.		
14.	Абиев Р.Ш. Микробиореактор и способ его эксплуатации. Патент РФ №2490323, Б.И. 23, 2013.		