

# Andrey V Vyazmin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4359743/publications.pdf>

Version: 2024-02-01

12  
papers

116  
citations

1478505

6  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact solutions of nonlinear heat- and mass-transfer equations. <i>Theoretical Foundations of Chemical Engineering</i> , 2000, 34, 403-415.	0.7	29
2	A new method for constructing exact solutions to three-dimensional Navier-Stokes and Euler equations. <i>Theoretical Foundations of Chemical Engineering</i> , 2011, 45, 885-890.	0.7	21
3	Differential-difference heat-conduction and diffusion models and equations with a finite relaxation time. <i>Theoretical Foundations of Chemical Engineering</i> , 2013, 47, 217-224.	0.7	19
4	Decomposition of three-dimensional linearized equations for Maxwell and Oldroyd viscoelastic fluids and their generalizations. <i>Theoretical Foundations of Chemical Engineering</i> , 2013, 47, 321-329.	0.7	13
5	The time evolution of chemo-gravitational convection on a brim meniscus of wetting. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 315, 236-242.	2.6	10
6	Interphase effects and macrokinetics of chemisorption in the absorption of CO <sub>2</sub> by aqueous solutions of alkalis and amines. <i>Russian Journal of Physical Chemistry A</i> , 2007, 81, 665-679.	0.6	8
7	Method of Asymptotic Interpolation in Problems of Chemical Hydrodynamics and Mass Transfer. <i>Theoretical Foundations of Chemical Engineering</i> , 2001, 35, 1-8.	0.7	5
8	Peculiarities of diffusion in gels. <i>Thermophysics and Aeromechanics</i> , 2013, 20, 749-756.	0.5	5
9	Integration of hydrodynamic-type linear systems. <i>Doklady Physics</i> , 2012, 57, 479-482.	0.7	3
10	Decomposition and exact solutions of three-dimensional nonstationary linearized equations for a viscous fluid. <i>Theoretical Foundations of Chemical Engineering</i> , 2013, 47, 114-123.	0.7	3
11	Foams as specific gas-liquid technological media. <i>Theoretical Foundations of Chemical Engineering</i> , 2000, 34, 211-226.	0.7	0
12	Improving output from auxiliary distillation columns in alcohol production. <i>Chemical and Petroleum Engineering (English Translation of Khimicheskoe i Neftyanoe Mashinostroyeniye)</i> , 2008, 44, 683-688.	0.3	0