

Списък на всички публикации на Пламен Весков Петков (2000-2021)

№	Authors	Title	Publication	Volume	Number	Pages	Year	Publisher
1	Sienicki, JJ; Moisseytsev, AV; Wade, DC; Farmer, MT; Tzanos, CP; Stillman, JA; Holland, JW; Petkov, PV; Therios, IU; Kulak, RF;	The STAR-LM lead-cooled closed fuel cycle fast reactor coupled to a supercritical carbon dioxide Brayton cycle advanced power converter	International conference on nuclear engineering - , Global, New Orleans, LA			25-29	2004	The ASME Foundation, Inc., Three Park Avenue, New York, NY 10016-5990 (United States)
2	Petkov, PV; Rashkov, K; Gerogieva, N;	Development of statistical methodology for analysis of operational data trends acquired during reactor operation in "KOZLODUY" NPP	Deterministic Analysis of Operational Events in Nuclear Power Plants			75-90	2007	International Atomic Energy Agency IAEA-TECDOC-1550 ISBN 92-0-101307-8 ISSN 1011-4289
3	Sienicki, JJ; Petkov, PV;	Operational and passive safety aspects of the STAR-LM natural convection HLHC reactor. Study on operational aspects of a natural circulation HLHC reactor. 2				245	2001	JNC-TA--9400-2001-002 Japan Nuclear Cycle Development Inst., Tokai, Ibaraki (Japan)
4	Petkov, Plamen V;	Identification of optimal number of histogram bars for large data trends	Nuclear Science and Engineering	159	2	221-227	2008	Taylor & Francis
5	Petkov, Plamen V; Hristov, Danail V;	VVER-1000/V320 decay heat analysis involving	Nuclear Engineering and Design	238	12	3227-3239	2008	https://doi.org/10.101

		TVS-M and TVSA fuel assemblies						6/j.nucengdes.2008.06.012 North-Holland
6	Petkov, Plamen V;	Implementation of uncertainty analysis in evaluation of small disturbances	ICAPP 2007 - International congress on advances in nuclear power plants. The nuclear renaissance at work; Nice Acropolis (France); 13-18 May 2007; Available from: SFEN, 5 rue des Morillons, 75015 Paris (France)	1		649-659	2006	Societe Francaise d'Energie Nucleaire (SFEN), 75 - Paris (France) ISBN: 978-1-60423-871-6
7	Sienicki, James J; Petkov, Plamen V;	Assessment of reactivity coefficient uncertainty effects upon STAR-LM autonomous operation and passive safety, ICONE11-36025	Proceedings of the International Conference on Nuclear Engineering. Book of abstracts: ICONE	2003		141-	2003	一般社団法人日本機械学会 https://www.jstage.jst.go.jp/article/jsmeicone/2003/0/2003_141/article/-char/en ISSN 2424-2934 https://doi.org/10.1299/jsmeicone.2003.141
8	Petkov, Plamen Veskov;	Status of Input Data Development for Severe Accident Calculation in Kozloduy NPP	Proceedings of the 6th International Conference on Nuclear Option in Countries with Small and Medium Electricity Grids	S6-10		16	2006	Croatian Nuclear Society ISBN 953-96132-9-9 http://www.cro-nuclear.hr

9	Sienicki, JJ; Petkov, PV;	STAR-LM reactivity coefficient uncertainty effects upon autonomous load following and passive safety	Trans. Am. Nucl. Soc.	87		282-283	2002	American Nuclear Society 2002 Winter Meeting; Washington, DC (United States)
10	Petkov, Plamen V;	Implementation of a new controlling function in MELCOR computer code for uncertainty evaluations	Proceedings of the 2008 International Congress on Advances in Nuclear Power Plants-ICAPP'08			1436-1442	2008	American Nuclear Society ISBN 0-89448-061-8
11	Petkov, Plamen V; Danov, Krassimir D; Kralchevsky, Peter A;	Surface pressure isotherm for a monolayer of charged colloidal particles at a water/nonpolar-fluid interface: experiment and theoretical model	Langmuir	30	10	2768-2778	2014	American Chemical Society https://doi.org/10.1021/la500126d
12	Petkov, Plamen V; Radoev, Boryan P;	Statics and dynamics of capillary bridges	Colloids and Surfaces A: Physicochemical and Engineering Aspects	460		18-27	2014	Elsevier https://doi.org/10.1016/j.colsurfa.2014.03.038
13	Petkov, Plamen V; Danov, Krassimir D; Kralchevsky, Peter A;	Monolayers of charged particles in a Langmuir trough: Could particle aggregation increase the surface pressure?	Journal of colloid and interface science	462		223-234	2016	Academic Press http://dx.doi.org/10.1016/j.jcis.2015.09.075 Elsevier Inc.
14	Radoev, Boryan P; Petkov, Plamen V; Ivanov, Ivan T;	Capillary Bridges—A Tool for Three-Phase Contact Investigation	Surface Energy	Ch. 2		23-53	2015	IntechOpen http://dx.doi.org/10.5772/60684

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16	Peter A. Kralchevsky, Krassimir D. Danov, Plamen V. Petkov;	Soft electrostatic repulsion in particle monolayers at liquid interfaces: surface pressure and effect of aggregation	Philosophical Transactions of the Royal Society A	374	2072		2016	Royal Society https://royalsociety.org/journals/
17	Dimitrova, Lydia M; Petkov, Plamen V; Kralchevsky, Peter A; Stoyanov, Simeon D; Pelan, Eddie G;	Production and characterization of stable foams with fine bubbles from solutions of hydrophobin HFBII and its mixtures with other proteins	Colloids and Surfaces A: Physicochemical and Engineering Aspects	521		92-104	2017	Elsevier https://doi.org/10.1016/j.colsurfa.2016.06.018
18	James J. Sienicki, Plamen V. Petkov;	Passive Safety of the STAR-LM HLNC Natural Convection Reactor	10th International Conference on Nuclear Engineering, ICONE10-22290	2		659-666	2002	ASME https://doi.org/10.1115/ICONE10-22290
19	Sienicki, James J; Petkov, Plamen V;	Autonomous Load Following and Operational Aspects of the STAR-LM HLNC Natural Convection Reactor	Proc. 10th International Conference on Nuclear Engineering, ICONE10-22291			14-18	2002	The ASME Foundation, Inc., Three Park Avenue, New York, NY 10016-5990 (United States)
20	Rusanov, Venelin; Petkov, Plamen V; Kamenov, Krassimir;	Implementation of Uncertainty Analysis for Evaluation of Nuclear Reactors VVER-1000 Fuel Safety Margins during Normal	Journal of Physics and Technology	1	2	19-36	2018	Plovdiv University Press "Paisii Hilendarski"

		Operation by FEMAXI-6 Computer Code Calculations						
21	Petkov, Plamen V; Radoev, Boryan;	Investigation of Single and Binary of "Sandwich" Type Convex Liquid Capillary Bridges, Stretched between Two Flat Surfaces (Experimental Approach)	Colloids and Interfaces	3	4	68	2019	MDPI https://doi.org/10.3390/colloids3040068 Open Access
22	Hristov, Danail; Petkov, Plamen V.; Naev, Ivo;	Calculation of decay heat rate in VVER-1000 spent fuel pool including uncertainties	Nuclear Engineering and Design	366	110754	12	2020	Elsevier https://doi.org/10.1016/j.nucengdes.2020.110754
23	Radoev, Boryan; Petkov, Plamen;	Capillary bridges (Капилярни мостове)	Bulg. J. Chem.	1	3	133-142	2012	http://chimexpert.com/bjc/index.php/2012/10/bjc1215/
24	Petkov, PV; Simeonov, T.; Yontchev, Pl.; Nanev, G.;	Statistical Analysis of the Temperature Field at the WWER-440 Core Outlet	Proceedings of the third international seminar on WWER fuel performance modeling and experimental support, Pamporovo 4-8 October, 1999			167-174	1999	Bulgarian Academy of Science
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26	Petkov, Plamen V;	Implementation of uncertainty analysis in evaluation of small disturbances	Annual Meeting 2006, Trans. Am. Nucl. Soc.	94	1	560-561	2006	American Nuclear Society
27	Petkov, P.V., Hristov, D.V.	WER-1000/V320 decay heat analysis, involving TVS- M and TVS-A fuel assemblies	International Congress on Advances in Nuclear Power Plants - ICAPP 2007, "The Nuclear Renaissance at Work"	1		142-156	2008	Societe Francaise d'Energie Nucleaire

Изготвил:

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