Сведения, характеризующие научную ценность научных трудов, представленных на конкурс

Информация об импакт-факторе (за последние 5 лет), поданных на конкурс работ:

1. Sudareva N.N. , Penkova A.V., Kostereva T.A., Polotskii A.E., Polotskaya G.A.. Properties of casting solutions and ultrafiltration membranes based on fullerene-polyamide nanocomposites. // eXPRESS Polymer Letters (**2012**), V. 6, No.3, Pages 178–188A.
DOI: 10.3144/expresspolymlett.2012.20.
Количество цитирований: 7 (WOS), 9 (Scopus)
Impact factor**: 3.477.** SJR: **0.850.** SNIP: **1.331. (Q1)**
http://www.expresspolymlett.com.

2. Penkova A.V., Polotskaya G.A., Toikka A.M. Separation of acetic acid–methanol–methyl acetate–water reactive mixture. // Chemical Engineering Science (**2013**), V.101, Pages 586–592.
DOI: 10.1016/j.ces.2013.05.055.
Количество цитирований: 10 (WOS), 10 (Scopus) Impact factor:
3.077. SJR: **1.037.** SNIP: **1.442. (Q1)**
http://www.sciencedirect.com/science/article/pii/S0009250913003941.

3. Toikka A.M., Penkova A.V., and Markelov D.A. Description and approximation of mass-transfer in pervaporation process on the base of nonequilibrium thermodynamics approach.// International Journal of Heat and Mass Transfer (**2014**), V. 72, Pages 423–429.
DOI: 10.1016/j.ijheatmasstransfer.2014.01.027.
Количество цитирований: 3 (WOS), 3 (Scopus)
Impact factor: **3.552.** SJR: **1.623.** SNIP: **2.005. (Q1)**
http://www.sciencedirect.com/science/article/pii/S0017931014000556.

4. Penkova A. V., Acquah S. F. A., Dmitrenko M. E., Chen B., Semenov K. N., and Kroto H.W. Transport Properties of Cross-Linked Fullerenol-PVA Membranes. // Carbon (**2014**), V. 76, P. 446 –450.
DOI: 10.1016/j.carbon.2014.04.053.
Количество цитирований: 14 (WOS), 18 (Scopus) Impact factor:
6.834. SJR: **2.07. 1.666. (Q1)**
http://www.sciencedirect.com/science/article/pii/S0008622314003856.

5. Penkova A., Polotskaya G., Toikka A. Pervaporation Composite Membranes for Ethyl Acetate Production. // Chemical Engineering and Processing: Process Intensification (**2015**), V. 87, Pages 81–87.
DOI: 10.1016/j.cep.2014.11.015.
Количество цитирований: 1 (WOS)
Impact factor: **2.579.** SJR: **0.766.** SNIP: **1.205. (Q2)**
http://www.sciencedirect.com/science/article/pii/S0255270114002529.

6. Penkova A.V., Acquah S.F.A., Sokolova M. P., Dmitrenko M.E., Toikka A.M. Polyvinyl alcohol membranes modified by low-hydroxylated fullerenol C60(OH)12. // Journal of Membrane Science (**2015**), V. 491, Pages 22–27.
DOI: 10.1016/j.memsci.2015.05.011.
Количество цитирований: 8 (WOS), 11 (Scopus)
Impact factor: **5.983.** SJR: **2.062.** SNIP: **1.720. (Q1)**

http://www.sciencedirect.com/science/article/pii/S0376738815004226.

7. Toikka A.M., Naumkin P.V., Penkova A.V. Approximation and analysis of pervaporation of binary mixtures using nonequilibrium thermodynamics approach. Chemical Engineering Research and Design 104 (**2015**), 669–680.
DOI: 10.1016/j.cherd.2015.10.007
Количество цитирований: 0
Impact factor: **2.820**. SJR: **0.813.** SNIP: **1.303. (Q1)**
http://www.sciencedirect.com/science/article/pii/S0263876215003810.

8. Penkova A.V., Acquah S.F.A., Dmitrenko M.E., Sokolova M.P., Mikhailova M.E., Polyakov E.S., Ermakov S.S., Markelov D.A., Roizard D. Improvement of pervaporation PVA membranes by the controlled incorporation of fullerenol nanoparticles. // Materials & Design **(2016)**, V.96. Pages 416–423.
DOI: 10.1016/j.matdes.2016.02.046.
Количество цитирований: 7 (WOS), 11 (Scopus) Impact factor: **4.498**.
SJR: **1.751.** SNIP: **2.481. (Q1)**
http://proxy.library.spbu.ru:2055/science/article/pii/S0264127516301915.

9. Penkova A.V., Dmitrenko M.E., Sokolova M.P., Chen B., Plisko T.V., Markelov D.A., Ermakov S.S. Impact of fullerene loading on the structure and transport properties of polysulfone mixed-matrix membranes. // Journal of Materials Science **(2016)**, V.51 (16). Pages 7652-7659.
DOI: 10.1007/s10853-016-0047-9
Количество цитирований: 0
Impact factor: **2.302**. SJR: **0.762.** SNIP: **1.064. (Q1)**
https://proxy.library.spbu.ru:4208/article/10.1007/s10853-016-0047-9