Borivoj Adnadjevic

List of Publications by Year
in descending order

21 papers	134 citations	1478505 6 h-index	1372567 10 g-index
21 all docs	21 docs citations	21 times ranked	164 citing authors

#	Article	IF	Citations
1	Comparison of the kinetics of conventional and microwave methyl methacrylate polymerization. Journal of Applied Polymer Science, 2007, 104, 1775-1782.	2.6	19
2	Comparison of adsorbent materials for herbicide diuron removal from water. Desalination and Water Treatment, 2016, 57, 22868-22877.	1.0	17
3	The effect of primary structural parameters of poly(methacrylic acid) xerogels on the kinetics of swelling. Journal of Applied Polymer Science, 2013, 127, 3550-3559.	2.6	12
4	Kinetic analysis of non-isothermal dehydration of poly(acrylic acid)-g-gelatin hydrogel using distributed activation energy model. Journal of Thermal Analysis and Calorimetry, 2017, 129, 541-551.	3.6	12
5	Kinetics study of isothermal nicotine release from poly(acrylic acid) hydrogel. Journal of Applied Polymer Science, 2011, 119, 1805-1812.	2.6	8
6	The effects of the pH value of the swelling medium on the kinetics of the swelling of a poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.6	7
7	Novel kinetics model for adsorption of pollutant from wastewaters onto zeolites. Kinetics of phenol adsorption on zeolite-type silicalite. Adsorption Science and Technology, 2019, 37, 349-364.	3.2	7
8	The kinetics of the extraction of caffeine from guarana seed under the action of ultrasonic field with simultaneous cooling. Green Processing and Synthesis, 2019, 9, 26-36.	3.4	7
9	Hydrogel Synthesis Directed Toward Tissue Engineering: Impact of Reaction Condition on Structural Parameters and Macroscopic Properties of Xerogels. International Journal of Polymer Science, 2011, 2011, 1-14.	2.7	6
10	A novel advanced technology for removal of phenol from wastewaters in a Ventury reactor. Thermal Science, 2019, 23, 1935-1942.	1.1	6
11	The kinetics of isothermal nicotinamide release from poly(acrylicâ€coâ€methacrylic acid) loaded xerogel. Polymer Engineering and Science, 2015, 55, 60-69.	3.1	5
12	The effects of microwave heating on the kinetics of isothermal dehydration of equilibrium swollen poly(acrylicâ€coâ€methacrylic acid) hydrogel. Polymer Engineering and Science, 2016, 56, 87-96.	3.1	4
13	Kinetics of isothermal dehydration of equilibrium swollen PAAG hydrogel under the microwave heating conditions. Journal of Thermal Analysis and Calorimetry, 2017, 127, 655-662.	3.6	4
14	Comparative kinetic analysis of total hypericin extraction from Hypericum perforatum flowers carried out under simultaneous external physical field and cooling reaction system operational conditions. Chemical Engineering Research and Design, 2021, 165, 106-117.	5.6	4
15	Thermal and dielectric properties of lowâ€density polyethylene/<scp>NaA</scp> zeolite composites. Polymer International, 2022, 71, 66-73.	3.1	4
16	Transesterification of Sunflower Oil in the Presence of the Cosolvent Assisted by Hydrodynamic Cavitation. Bioenergy Research, 2022, 15, 1568-1578.	3.9	4
17	Application of the Suzukiâ€“Fraser function in modelling the non-isothermal dehydroxylation kinetics of fullerol. Reaction Kinetics, Mechanisms and Catalysis, 2018, 123, 421-438.	1.7	3
18	Isothermal green microwave-assisted extraction of caffeine from guarana: a kinetic study. Green Processing and Synthesis, 2017, 6, .	3.4	2

#	Article	IF	Citations
19	Application of logistic function to describe kinetics of non-isothermal dehydroxylation of fullerol. Journal of Thermal Analysis and Calorimetry, 2019, 138, 2295-2303.	3.6	2
20	Isothermal kinetics of ethanolic extraction of total hypericin from preâ€extracted Hypericum perforatum flowers. Phytochemical Analysis, 2020, 32, 757-766.	2.4	1
21	Kinetics of the exchange of water absorbed in silica hydrogel with ethanol: Modelling by brouers and sotolongo-costa fractal kinetics. Journal of the Serbian Chemical Society, 2021, 86, 819-830.	0.8	0