

Ana M Kalijadis

List of Publications by Year in descending order

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34
papers

608
citations

686830

13
h-index

610482

24
g-index

34
all docs

34
docs citations

34
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of estrone, 17 β -estradiol, and 17 α -ethinylestradiol from water onto modified multi-walled carbon nanotubes, carbon cryogel, and carbonized hydrothermal carbon. <i>Environmental Science and Pollution Research</i> , 2022, 29, 4431-4445.	2.7	15
2	Beech sawdust based adsorbents for solid-phase extraction of pesticides and pharmaceuticals. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 205-217.	0.4	0
3	Influence of boron doping on characteristics of glucose-based hydrothermal carbons. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 749-760.	0.4	2
4	Hydroxyapatite/TiO ₂ Nanomaterial with Defined Microstructural and Good Antimicrobial Properties. <i>Antibiotics</i> , 2022, 11, 592.	1.5	8
5	Nanoemulsification synthesis route for obtaining highly efficient Ag ₃ PO ₄ photocatalytic nanomaterial. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 1285-1296.	0.4	0
6	Composition, structure and potential energy application of nitrogen doped carbon cryogels. <i>Materials Chemistry and Physics</i> , 2020, 239, 122120.	2.0	8
7	Removal of Estrone, 17 β -Estradiol, and 17 α -Ethinylestradiol from Water by Adsorption onto Chemically Modified Activated Carbon Cloths. <i>Fibers and Polymers</i> , 2020, 21, 2263-2274.	1.1	14
8	Hydrothermal synthesis of TiO ₂ /carbon composites and their application for removal of organic pollutants. <i>Arabian Journal of Chemistry</i> , 2019, 12, 4388-4397.	2.3	42
9	Solid-phase extraction disk based on multiwalled carbon nanotubes for the enrichment of targeted pesticides from aqueous samples. <i>Journal of Separation Science</i> , 2017, 40, 1564-1571.	1.3	8
10	Supercapacitive Performances of Activated Highly Microporous Natural Carbon Macrobundles. <i>Journal of the Electrochemical Society</i> , 2017, 164, A1061-A1068.	1.3	10
11	Solid-phase extraction of multi-class pharmaceuticals from environmental water samples onto modified multi-walled carbon nanotubes followed by LC-MS/MS. <i>Environmental Science and Pollution Research</i> , 2017, 24, 20784-20793.	2.7	20
12	A novel carbon paste electrode based on nitrogen-doped hydrothermal carbon for electrochemical determination of carbendazim. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 1259-1272.	0.4	7
13	Influence of the precursor chemical composition on heavy metal adsorption properties of hemp (<i>Cannabis Sativa</i>) fibers based biocarbon. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 1417-1431.	0.4	7
14	Stabilization of alkali metal ions interaction with OH-functionalized graphene via clustering of OH groups – implications in charge storage applications. <i>RSC Advances</i> , 2016, 6, 57910-57919.	1.7	25
15	Arsenic(III) adsorption from aqueous solutions on novel carbon cryogel/ceria nanocomposite. <i>Processing and Application of Ceramics</i> , 2016, 10, 17-23.	0.4	9
16	Synthesis of silver doped hydroxyapatite nanospheres using Ouzo effect. <i>Processing and Application of Ceramics</i> , 2016, 10, 169-174.	0.4	22
17	Photocatalytic Performance of Carbon Monolith/TiO ₂ Composite. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-8.	1.0	2
18	Production of activated carbon derived from waste hemp (<i>Cannabis sativa</i>) fibers and its performance in pesticide adsorption. <i>Microporous and Mesoporous Materials</i> , 2015, 214, 156-165.	2.2	77

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19	Preparation of boron-doped hydrothermal carbon from glucose for carbon paste electrode. Carbon, 2015, 95, 42-50.	5.4	39
20	Carbon materials from waste short hemp fibers as a sorbent for heavy metal ions – Mathematical modeling of sorbent structure and ions transport. Chemical Engineering Journal, 2014, 235, 284-292.	6.6	38
21	Boron ion irradiation induced structural and surface modification of glassy carbon. Nuclear Instruments & Methods in Physics Research B, 2013, 316, 17-21.	0.6	2
22	Platinum-mediated healing of defective graphene produced by irradiating glassy carbon with a hydrogen ion-beam. Materials Chemistry and Physics, 2013, 141, 27-34.	2.0	11
23	Influence of different carbon monolith preparation parameters on pesticide adsorption. Journal of the Serbian Chemical Society, 2013, 78, 1617-1632.	0.4	22
24	In vivo MRI biocompatibility evaluation of functionalized carbon fibers in reaction with soft tissues. Acta Veterinaria, 2012, 62, 683-696.	0.2	2
25	Application of carbonized hemp fibers as a new solid-phase extraction sorbent for analysis of pesticides in water samples. Chemical Engineering Journal, 2012, 211-212, 224-232.	6.6	40
26	A study on crystal structure, bonding and hydriding properties of Ti-Fe-Ni intermetallics – Behind substitution of iron by nickel. International Journal of Hydrogen Energy, 2012, 37, 8408-8417.	3.8	48
27	Glassy carbon and boron doped glassy carbon electrodes for voltammetric determination of linuron herbicide in the selected samples. Open Chemistry, 2012, 10, 1271-1279.	1.0	6
28	The evolution of hydrogen from proton irradiated glassy carbon. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 2578-2583.	0.6	3
29	Platinum deposition from hydrogen-ion beam irradiated solid precursor. Materials Letters, 2011, 65, 2655-2657.	1.3	1
30	The effect of boron incorporation on the structure and properties of glassy carbon. Carbon, 2011, 49, 2671-2678.	5.4	30
31	Modification of glassy carbon properties under low energy proton irradiation. Carbon, 2011, 49, 3737-3746.	5.4	9
32	Characterization of surface oxygen groups on different carbon materials by the Boehm method and temperature programmed desorption. Journal of the Serbian Chemical Society, 2011, 76, 757-768.	0.4	60
33	Silver deposition on chemically treated carbon monolith. Hemijska Industrija, 2009, 63, 195-200.	0.3	0
34	Surface characteristics and antibacterial activity of a silver-doped carbon monolith. Science and Technology of Advanced Materials, 2008, 9, 015006.	2.8	21