Andrzej Olejniczak

List of Publications by Year
in descending order

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18	299	1040056 9	888059 17
papers	citations	h-index	g-index

19	19	19	472
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of surface defects in BaTiO3 nanopowders studied by XPS and positron annihilation lifetime spectroscopy. Applied Surface Science, 2022, 578, 151807.	6.1	28
2	Nanostructuring of CVD graphene by high-energy heavy ions. Diamond and Related Materials, 2022, 123, 108880.	3.9	4
3	Ti and TiO2 magnetron sputtering in roll-to-roll fabrication of hybrid membranes. Surfaces and Interfaces, 2022, 31, 101975.	3.0	4
4	Mechanistic insights into ion-beam induced reduction of graphene oxide: An experimental and theoretical study. Radiation Physics and Chemistry, 2022, 199, 110355.	2.8	1
5	Modification of polyethylene terephthalate track etched membranes by planar magnetron sputtered Ti/TiO2 thin films. Thin Solid Films, 2021, 725, 138641.	1.8	10
6	Nano-ZrO2 filled high-density polyethylene composites: Structure, thermal properties, and the influence Î³-irradiation. Polymer Degradation and Stability, 2020, 171, 109042.	5.8	20
7	Fluorinated graphene nanoparticles with 1â€“3 nm electrically active graphene quantum dots. Nanotechnology, 2020, 31, 295602.	2.6	8
8	Swift heavy-ion irradiation of graphene oxide: Localized reduction and formation of sp-hybridized carbon chains. Carbon, 2019, 141, 390-399.	10.3	17
9	The radiation-induced fragmentation of high-molecular-weight isoprenoid hydrocarbons present in high-boiling petroleum fractions. Radiation Physics and Chemistry, 2018, 149, 142-150.	2.8	2
10	Dielectric functions E1 and E1â€¯+â€Î” in near region of critical points and chemical composition of near surface layers of ions implanted GaAs. Surface and Coatings Technology, 2018, 355, 200-206.	4.8	1
11	Nanostructuring few-layer graphene films with swift heavy ions for electronic application: tuning of electronic and transport properties. Nanoscale, 2018, 10, 14499-14509.	5.6	39
12	Solid phase extraction of tritiated contaminants from tritium-containing waste oils. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 1085-1097.	1.5	4
13	Nitrogen-containing mesoporous carbons with high capacitive properties derived from a gelatin biomolecule. Carbon, 2015, 91, 200-214.	10.3	41
14	The influence of microporosity creation in highly mesoporous N-containing carbons obtained from chitosan on their catalytic and electrochemical properties. Catalysis Today, 2014, 227, 223-232.	4.4	24
15	Effect of swift heavy ion irradiation on single- and multiwalled carbon nanotubes. Nuclear Instruments & Methods in Physics Research B, 2014, 326, 33-36.	1.4	12
16	Novel nitrogen-containing mesoporous carbons prepared from chitosan. Journal of Materials Chemistry A, 2013, 1, 8961.	10.3	71
17	Discrimination of base oils and semi-products using principal component analysis and self organizing maps. Fuel, 2010, 89, 1150-1155.	6.4	13
18	Modification of Keggin anion structure with ions beams â€“ a new spectroscopic insights into the effects of keVâ€•and MeVâ€•ionâ€•beam irradiation on 12â€•tungstophosphoric acid. Journal of Raman Spectroscopy, 0, , .	2.5	0