

Andrzej Olejniczak

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

299
citations

1040056

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888059

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19
all docs

19
docs citations

19
times ranked

472
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Novel nitrogen-containing mesoporous carbons prepared from chitosan. Journal of Materials Chemistry A, 2013, 1, 8961. | 10.3 | 71 |
| 2 | Nitrogen-containing mesoporous carbons with high capacitive properties derived from a gelatin biomolecule. Carbon, 2015, 91, 200-214. | 10.3 | 41 |
| 3 | 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 |
| 4 | Investigation of surface defects in BaTiO ₃ nanopowders studied by XPS and positron annihilation lifetime spectroscopy. Applied Surface Science, 2022, 578, 151807. | 6.1 | 28 |
| 5 | 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 |
| 6 | Nano-ZrO ₂ filled high-density polyethylene composites: Structure, thermal properties, and the influence ¹³⁷ I-irradiation. Polymer Degradation and Stability, 2020, 171, 109042. | 5.8 | 20 |
| 7 | Swift heavy-ion irradiation of graphene oxide: Localized reduction and formation of sp-hybridized carbon chains. Carbon, 2019, 141, 390-399. | 10.3 | 17 |
| 8 | Discrimination of base oils and semi-products using principal component analysis and self organizing maps. Fuel, 2010, 89, 1150-1155. | 6.4 | 13 |
| 9 | 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 |
| 10 | Modification of polyethylene terephthalate track etched membranes by planar magnetron sputtered Ti/TiO ₂ thin films. Thin Solid Films, 2021, 725, 138641. | 1.8 | 10 |
| 11 | Fluorinated graphene nanoparticles with 1-3 nm electrically active graphene quantum dots. Nanotechnology, 2020, 31, 295602. | 2.6 | 8 |
| 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 | Nanostructuring of CVD graphene by high-energy heavy ions. Diamond and Related Materials, 2022, 123, 108880. | 3.9 | 4 |
| 14 | Ti and TiO ₂ magnetron sputtering in roll-to-roll fabrication of hybrid membranes. Surfaces and Interfaces, 2022, 31, 101975. | 3.0 | 4 |
| 15 | 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 |
| 16 | Dielectric functions E_1 and $E_1 + i\Gamma$ 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 |
| 17 | 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 |
| 18 | Modification of Keggin anion structure with ions beams – a new spectroscopic insights into the effects of keV and MeV ion beam irradiation on 12-tungstophosphoric acid. Journal of Raman Spectroscopy, 0, , . | 2.5 | 0 |