

Anna Kuzminova

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

414
citations

687363

13
h-index

752698

20
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24
all docs

24
docs citations

24
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical time-of-flight filter based on slotted disks and helical rotor for measurement of velocities of nanoparticles. <i>Scientific Reports</i> , 2021, 11, 6415.	3.3	10
2	Nanostructured Plasma Polymerized Fluorocarbon Films for Drop Coating Deposition Raman Spectroscopy (DCDRS) of Liposomes. <i>Polymers</i> , 2021, 13, 4023.	4.5	5
3	In-flight plasma modification of nanoparticles produced by means of gas aggregation sources as an effective route for the synthesis of core-satellite Ag/plasma polymer nanoparticles. <i>Plasma Physics and Controlled Fusion</i> , 2020, 62, 014005.	2.1	7
4	Investigation of Wettability, Drying and Water Condensation on Polyimide (Kapton) Films Treated by Atmospheric Pressure Air Dielectric Barrier Discharge. <i>Coatings</i> , 2020, 10, 619.	2.6	11
5	Plasma treatment in air at atmospheric pressure that enables reagent-free covalent immobilization of biomolecules on polytetrafluoroethylene (PTFE). <i>Applied Surface Science</i> , 2020, 518, 146128.	6.1	26
6	Magnetron-Sputtered Polytetrafluoroethylene-Stabilized Silver Nanoisland Surface for Surface-Enhanced Fluorescence. <i>Nanomaterials</i> , 2020, 10, 773.	4.1	10
7	Magnetron Sputtering of Polymeric Targets: From Thin Films to Heterogeneous Metal/Plasma Polymer Nanoparticles. <i>Materials</i> , 2019, 12, 2366.	2.9	29
8	Double Plasmon Resonance Nanostructured Silver Coatings with Tunable Properties. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-8.	2.7	4
9	Nanostructured metal coatings for surface-enhanced Raman spectroscopy (SERS) prepared by means of low-pressure plasma. <i>Vacuum</i> , 2019, 170, 108951.	3.5	5
10	Wetting and drying on gradient-nanostructured C:F surfaces synthesized using a gas aggregation source of nanoparticles combined with magnetron sputtering of polytetrafluoroethylene. <i>Vacuum</i> , 2019, 166, 50-56.	3.5	15
11	Influence of atmospheric pressure dielectric barrier discharge on wettability and drying of poly(ether-ether-ketone) foils. <i>Polymer Degradation and Stability</i> , 2018, 150, 114-121.	5.8	5
12	Surface-enhanced Raman scattering (SERS) of riboflavin on nanostructured Ag surfaces: The role of excitation wavelength, plasmon resonance and molecular resonance. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 197, 202-207.	3.9	9
13	Core@shell Cu/hydrocarbon plasma polymer nanoparticles prepared by gas aggregation cluster source followed by in-flight plasma polymer coating. <i>Plasma Processes and Polymers</i> , 2018, 15, 1700109.	3.0	14
14	Comparative study of antibacterial properties of polystyrene films with TiO ₂ and Cu nanoparticles fabricated using cluster beam technique. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 861-869.	2.8	13
15	State-of-the-Art, and Perspectives of, Silver/Plasma Polymer Antibacterial Nanocomposites. <i>Antibiotics</i> , 2018, 7, 78.	3.7	28
16	Ag/C:F Antibacterial and hydrophobic nanocomposite coatings. <i>Functional Materials Letters</i> , 2017, 10, 1750029.	1.2	21
17	Localized surface plasmon resonance tuning via nanostructured gradient Ag surfaces. <i>Materials Letters</i> , 2017, 192, 119-122.	2.6	11
18	Plasma polymers: From thin films to nanocolumnar coatings. <i>Thin Solid Films</i> , 2017, 630, 86-91.	1.8	8

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19	Advances and challenges in the field of plasma polymer nanoparticles. Beilstein Journal of Nanotechnology, 2017, 8, 2002-2014.	2.8	35
20	Surfaces With Roughness Gradient and Invariant Surface Chemistry Produced by Means of Gas Aggregation Source and Magnetron Sputtering. Plasma Processes and Polymers, 2016, 13, 663-671.	3.0	27
21	Comparison of magnetron sputtering and gas aggregation nanoparticle source used for fabrication of silver nanoparticle films. Surface and Coatings Technology, 2015, 275, 296-302.	4.8	32
22	Treatment of poly(ethylene terephthalate) foils by atmospheric pressure air dielectric barrier discharge and its influence on cell growth. Applied Surface Science, 2015, 357, 689-695.	6.1	29
23	Study of the effect of atmospheric pressure air dielectric barrier discharge on nylon 6,6 foils. Polymer Degradation and Stability, 2014, 110, 378-388.	5.8	21
24	From super-hydrophilic to super-hydrophobic surfaces using plasma polymerization combined with gas aggregation source of nanoparticles. Vacuum, 2014, 110, 58-61.	3.5	39