Artem Kozlovskiy

List of Publications by Year
in descending order

274	5,627	87401	120465
papers	citations	40 h-index	65 g-index

279	279	279	2713
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanisms of elastoplastic deformation and their effect on hardness of nanogranular Ni-Fe coatings. International Journal of Mechanical Sciences, 2022, 215, 106952.	3.6	14
2	Application of the optical spectroscopy and X-ray diffraction methods for determining the effect of irradiation of the LR-115 type 2 track detector. Optical Materials, 2022, 123, 111826.	1.7	2
3	Study of the mechanisms of the t-ZrO2 â† c-ZrO2 type polymorphic transformations in ceramics as a result of irradiation with heavy Xe22+ ions. Solid State Sciences, 2022, 123, 106791.	1.5	15
4	Effect of Irradiation with Low-Energy He2+ Ions on Degradation of Structural, Strength and Heat-Conducting Properties of BeO Ceramics. Crystals, 2022, 12, 69.	1.0	1
5	Induced gyrotropy in thin PET films before and after swift heavy ion irradiation evidenced from analysis of optical interference fringes. Optical Materials, 2022, 123, 111883.	1.7	3
6	Magnetic-plasmonic Ni nanotubes covered with gold for improvement of SERS analysis. Journal of Alloys and Compounds, 2022, 901, 163661.	2.8	12
7	Research of Structural, Strength and Thermal Properties of ZrO2â€”CeO2 Ceramics Doped with Yttrium. Crystals, 2022, 12, 242.	1.0	7
8	Study of Helium Swelling and Embrittlement Mechanisms in SiC Ceramics. Crystals, 2022, 12, 239.	1.0	11
9	Study of the Application Efficiency of Irradiation with Heavy Ions to Increase the Helium Swelling Resistance of BeO Ceramics. Metals, 2022, 12, 307.	1.0	0
10	Urbach Rule in the Red-Shifted Absorption Edge of PET Films Irradiated with Swift Heavy Ions. Polymers, 2022, 14, 923.	2.0	3
11	Study of Radiation Resistance to Helium Swelling of Li2ZrO3/LiO and Li2ZrO3 Ceramics. Crystals, 2022, 12, 384.	1.0	6
12	Study of Radiation Embitterment and Degradation Processes of Li2ZrO3 Ceramic under Irradiation with Swift Heavy Ions. Ceramics, 2022, 5, 13-23.	1.0	5
13	Study of Phase Formation Processes in Li2ZrO3 Ceramics Obtained by Mechanochemical Synthesis. Crystals, 2022, 12, 21.	1.0	5
14	Study of Structural, Strength, and Thermophysical Properties of Li2+4xZr4â^'xO3 Ceramics. Technologies, 2022, 10, 58.	3.0	1
15	Study of Degradation Mechanisms of Strength and Thermal-Physical Properties of Nitride and Carbide Ceramicsâ€”Promising Materials for Nuclear Energy. Nanomaterials, 2022, 12, 1789.	1.9	2
16	Crystal Structure, Magnetic Properties and Thermal Behavior of BaFe_{11.9}In_{0.1}O₁₉ Ferrite. Physica Status Solidi (B): Basic Research, 2022, 259, .	0.7	4
17	Synthesis, Phase Transformations and Strength Properties of Nanostructured (1 â^' x)ZrO2 â^' xCeO2 Composite Ceramics. Nanomaterials, 2022, 12, 1979.	1.9	4
18	Ion-Track Template Synthesis and Characterization of ZnSeO3 Nanocrystals. Crystals, 2022, 12, 817.	1.0	11

#	Article	IF	Citations
19	Synthesis, Properties and Photocatalytic Activity of CaTiO3-Based Ceramics Doped with Lanthanum. Nanomaterials, 2022, 12, 2241.	1.9	7
20	Study of Corrosion Mechanisms in Corrosive Media and Their Influence on the Absorption Capacity of Fe2O3/NdFeO3 Nanocomposites. Nanomaterials, 2022, 12, 2302.	1.9	2
21	Study of Morphological, Structural, and Strength Properties of Model Prototypes of New Generation TRISO Fuels. Materials, 2022, 15, 4741.	1.3	0
22	Application of UV-Vis Optical Spectroscopy and X-ray Diffraction Methods to Describe the Effect of Alpha-Emitting Radionuclides (Radon) When They Are Detected by Solid-State Film Detectors. Polymers, 2022, 14, 2731.	2.0	1
23	The effect of the applied potentials difference on the phase composition of Co nanowires. Journal of Magnetism and Magnetic Materials, 2021, 517, 167382.	1.0	4
24	Study of the Effect of Low-Energy Irradiation with O2+ Ions on Radiation Hardening and Modification of the Properties of Thin TiO2 Films. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 790-801.	1.9	8
25	The influence of the synthesis conditions on the magnetic behaviour of the densely packed arrays of Ni nanowires in porous anodic alumina membranes. RSC Advances, 2021, 11, 3952-3962.	1.7	40
26	Study of the effect of ion irradiation on increasing the photocatalytic activity of WO3 microparticles. Journal of Materials Science: Materials in Electronics, 2021, 32, 3863-3877.	1.1	79
27	Study of the formation effect of the cubic phase of LiTiO2 on the structural, optical, and mechanical properties of Li2Â±xTi1Â±xO3 ceramics with different contents of the X component. Journal of Materials Science: Materials in Electronics, 2021, 32, 7410-7422.	1.1	80
28	Efficiency of Magnetostatic Protection Using Nanostructured Permalloy Shielding Coatings Depending on Their Microstructure. Nanomaterials, 2021, 11, 634.	1.9	10
29	Synthesis, phase transformations, optical properties and efficiency of gamma radiation shielding by Bi2O3-TeO2-WO3 ceramics. Optical Materials, 2021, 113, 110846.	1.7	15
30	Study of irradiation temperature effect on change of structural, optical, and strength properties of BeO ceramics when irradiated with Ar8+ and Xe22 heavy ions. Journal of Materials Science: Materials in Electronics, 2021, 32, 10906-10918.	1.1	1
31	Synthesis, structural properties and shielding efficiency of glasses based on TeO2-(1-x)ZnO-xSm2O3. Journal of Materials Science: Materials in Electronics, 2021, 32, 12111-12120.	1.1	55
32	Structure and magnetic properties of FeCo nanotubes obtained in pores of ion track templates. Nano Structures Nano Objects, 2021, 26, 100691.	1.9	6
33	Effect of doping of Ce4+/3+ on optical, strength and shielding properties of (0.5-x)TeO2-0.25MoO-0.25Bi2O3-xCeO2 glasses. Materials Chemistry and Physics, 2021, 263, 124444.	2.0	224
34	Influence of irradiation with heavy Kr15+ ions on the structural, optical and strength properties of BeO ceramic. Journal of Materials Science: Materials in Electronics, 2021, 32, 15375-15385.	1.1	32
35	Study of the effect of doping CeO2 in TeO2â€“MoOâ€“Bi2O3 ceramics on the phase composition, optical properties and shielding efficiency of gamma radiation. Optical Materials, 2021, 115, 111037.	1.7	9
36	Study of radiation resistance to helium swelling of AlN ceramics in case of irradiation with low-energy He2+ ions with energy of 40ÂkeV. Journal of Materials Science: Materials in Electronics, 2021, 32, 14347-14357.	1.1	4

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37	Study of gamma radiation shielding efficiency with radiation-resistant Bi2O3-TeO2-WO3 ceramics. Solid State Sciences, 2021, 115, 106604.	1.5	17
38	Phase transformations in FeCo â€“ Fe2CoO4/Co3O4-spinel nanostructures as a result of thermal annealing and their practical application. Journal of Materials Science: Materials in Electronics, 2021, 32, 16694-16705.	1.1	232
39	Study of Corrosion Resistance and Degradation Mechanisms in LiTiO2-Li2TiO3 Ceramic. Crystals, 2021, 11, 753.	1.0	4
40	DETERMINATION OF CRITICAL DOSES OF RADIATION DAMAGE TO ALN CERAMIC UNDER IRRADIATION OF HELIUM AND HYDROGEN IONS. Eurasian Physical Technical Journal, 2021, 18, 23-28.	0.1	2
41	Comprehensive study of changes in the optical, structural and strength properties of ZrO2 ceramics as a result of phase transformations caused by irradiation with heavy ions. Journal of Materials Science: Materials in Electronics, 2021, 32, 17810-17821.	1.1	4
42	Effect of various dopants on structural properties of Ax@Fe2-xO3 (Aâ€‰=â€‰Nd, Gd) nanocomposites. Journal of Materials Science: Materials in Electronics, 2021, 32, 21670-21676.	1.1	1
43	Study of structural features and phase transformations in nanocomposites of Fe2O3@NdFeO3 type. Journal of Materials Science: Materials in Electronics, 2021, 32, 21237-21247.	1.1	1
44	Study of the radiation disordering mechanisms of AlN ceramic structure as a result of helium swelling. Journal of Materials Science: Materials in Electronics, 2021, 32, 21658-21669.	1.1	8
45	Magnetic Properties of the Densely Packed Ultra-Long Ni Nanowires Encapsulated in Alumina Membrane. Nanomaterials, 2021, 11, 1775.	1.9	26
46	Boron and Gadolinium Loaded Fe3O4 Nanocarriers for Potential Application in Neutron Capture Therapy. International Journal of Molecular Sciences, 2021, 22, 8687.	1.8	6
47	Study of defect formation processes under heavy ion irradiation of ZnCo2O4 nanowires. Optical Materials, 2021, 118, 111282.	1.7	5
48	Evolution of the absorption edge of PET films irradiated with Kr ions after thermal annealing and ageing. Optical Materials, 2021, 119, 111348.	1.7	30
49	Formation of Stable Lithium-Containing Ceramics Using Solid-Phase Synthesis Method. Crystals, 2021, 11, 1177.	1.0	1
50	Solid-phase synthesis and study of the structural, optical, and photocatalytic properties of the ATiO3, Aâ€‰=â€‰Ca, Sr, Ba ceramic. Journal of Materials Science: Materials in Electronics, 2021, 32, 24436-24445.	1.1	6
51	Study of the effect of Fe doping on the structural and optical properties of CdSe films obtained using the electrochemical deposition method. Journal of Materials Science: Materials in Electronics, 2021, 32, 25385-25398.	1.1	3
52	Radiation swelling and hardness of high-entropy alloys based on the TiTaNbV system irradiated with krypton ions. Journal of Materials Science: Materials in Electronics, 2021, 32, 27260-27267.	1.1	3
53	Study of the efficiency of increasing the Bi2O3 concentration on the optical, radiation shielding and strength characteristics of 0.5TeO2-(0.5-x)WO3-xBi2O3 glasses. Optical Materials, 2021, 120, 111494.	1.7	5
54	Synthesis of Ni@Au core-shell magnetic nanotubes for bioapplication and SERS detection. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 626, 127077.	2.3	18

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55	Effect of irradiation with heavy Xe22+ ions with energies of 165â€“230ÂMeV on change in optical characteristics of ZrO2 ceramic. Optical Materials, 2021, 120, 111479.	1.7	12
56	Study of phase transformation dynamics, structural and optical properties of ferroelectric SrTiO3 ceramics. Optical Materials, 2021, 121, 111625.	1.7	2
57	Fe2O3 Nanoparticles Doped with Gd: Phase Transformations as a Result of Thermal Annealing. Molecules, 2021, 26, 457.	1.7	1
58	Assessment of the Irradiation Exposure of PET Film with Swift Heavy Ions Using the Interference-Free Transmission UV-Vis Transmission Spectra. Polymers, 2021, 13, 358.	2.0	14
59	Study of Resistance to Helium Swelling of Lithium-Containing Ceramics under High-Temperature Irradiation. Crystals, 2021, 11, 1350.	1.0	2
60	Study of the Effect of Doping ZrO2 Ceramics with MgO to Increase the Resistance to Polymorphic Transformations under the Action of Irradiation. Nanomaterials, 2021, 11, 3172.	1.9	0
61	A Study on the Applicability of NiFe2O4 Nanoparticles as the Basis of Catalysts for the Purification of Aqueous Media from Pollutants. Catalysts, 2021, 11, 1393.	1.6	1
62	Study of the Effect of Y2O3 Doping on the Resistance to Radiation Damage of CeO2 Microparticles under Irradiation with Heavy Xe22+ Ions. Crystals, 2021, 11, 1459.	1.0	6
63	Synthesis and Properties of SrTiO3 Ceramic Doped with Sm2O3. Materials, 2021, 14, 7549.	1.3	3
64	Catalytic Activity of Ni Nanotubes Covered with Nanostructured Gold. Processes, 2021, 9, 2279.	1.3	1
65	Luminescence efficiency of cerium-doped yttrium aluminum garnet ceramics formed by radiation assisted synthesis. Eastern-European Journal of Enterprise Technologies, 2021, 6, 49-57.	0.3	0
66	The effect of Ni12+ heavy ion irradiation on the optical and structural properties of BeO ceramics. Ceramics International, 2020, 46, 4065-4070.	2.3	9
67	Phase transformations as a result of thermal annealing of nanocomposite Feâ€“Ni / Feâ€“Niâ€“O particles. Ceramics International, 2020, 46, 1586-1595.	2.3	7
68	â€˜Greenâ€™ approach for obtaining stable pectin-capped silver nanoparticles: Physico-chemical characterization and antibacterial activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124141.	2.3	76
69	Structural and Magnetic Characteristics of Ferrum Nanotubes Obtained at Different Potentials of Electrodeposition. Physica Status Solidi (B): Basic Research, 2020, 257, 1900319.	0.7	1
70	Study of phase transformations in Co/CoCo2O4 nanowires. Journal of Alloys and Compounds, 2020, 815, 152450.	2.8	106
71	Influence of titanium substitution on structure, magnetic and electric properties of barium hexaferrites BaFe12â^'xTixO19. Journal of Magnetism and Magnetic Materials, 2020, 498, 166117.	1.0	53
72	Investigation of the effect of phase transformations on the magnetic and electrical properties of Co/Co3O4 nanowires. Journal of Magnetism and Magnetic Materials, 2020, 497, 166079.	1.0	2

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73	Synthesis of LiBaZrOx ceramics with a core-shell structure. Ceramics International, 2020, 46, 6217-6221.	2.3	54
74	Pecularities of the magnetic structure and microwave properties in Ba(Fe1-xScx)12O19 (x<0.1) hexaferrites. Journal of Alloys and Compounds, 2020, 822, 153575.	2.8	100
75	Study of the stability of the structural properties of CeO2 microparticles to helium irradiation. Surface and Coatings Technology, 2020, 383, 125286.	2.2	59
76	Implantation of low-energy Ni12+ ions to change structural and strength characteristics of ceramics based on SiC. Journal of Materials Science: Materials in Electronics, 2020, 31, 2246-2256.	1.1	3
77	Radiation resistance of thin TiN films as a result of irradiation with low-energy Kr14+ ions. Ceramics International, 2020, 46, 7970-7976.	2.3	8
78	Evolution of morphology, structure, and magnetic parameters of Ni nanotubes with growth in pores of a PET template. Journal of Magnetism and Magnetic Materials, 2020, 497, 165913.	1.0	15
79	The effect of doping of TiO2 thin films with low-energy O2+ ions on increasing the efficiency of hydrogen evolution in photocatalytic reactions of water splitting. Journal of Materials Science: Materials in Electronics, 2020, 31, 21142-21153.	1.1	23
80	Study of the photocatalytic activity of irradiated WO3 microparticles. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	6
81	Multilayer spin-valve CoFeP/Cu nanowires with giant magnetoresistance. Journal of Alloys and Compounds, 2020, 846, 156474.	2.8	24
82	The influence of the energy of incident protons on the defect formation and radiation resistance of AlN ceramics. Solid State Sciences, 2020, 107, 106367.	1.5	5
83	Dynamics of Radiation Damage in AlN Ceramics under High-Dose Irradiation, Typical for the Processes of Swelling and Hydrogenation. Crystals, 2020, 10, 546.	1.0	5
84	Early-Stage Growth Mechanism and Synthesis Conditions-Dependent Morphology of Nanocrystalline Bi Films Electrodeposited from Perchlorate Electrolyte. Nanomaterials, 2020, 10, 1245.	1.9	53
85	Morphology and Microstructure Evolution of Gold Nanostructures in the Limited Volume Porous Matrices. Sensors, 2020, 20, 4397.	2.1	11
86	Evaluation of the Efficiency of Detection and Capture of Manganese in Aqueous Solutions of FeCeOx Nanocomposites Doped with Nb2O5. Sensors, 2020, 20, 4851.	2.1	274
87	Synthesis and resistance to helium swelling of Li2TiO3 ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 12903-12912.	1.1	35
88	Study of Changes in Optical and Heat-Conducting Properties of AlN Ceramics under Irradiation with Kr15+ and Xe22+ Heavy Ions. Nanomaterials, 2020, 10, 2375.	1.9	3
89	The study of the applicability of ionizing radiation to increase the photocatalytic activity of TiO2 thin films. Journal of Nanostructure in Chemistry, 2020, 10, 331-346.	5.3	22
90	Study of the radiation resistance of Ni nanotubes to irradiation with Xe22+ ions with an energy equal to fission fragments. Surface and Coatings Technology, 2020, 391, 125719.	2.2	1

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91	The Effect of Heat Treatment on the Microstructure and Mechanical Properties of 2D Nanostructured Au/NiFe System. Nanomaterials, 2020, 10, 1077.	1.9	72
92	Application of Fe2O3/CeO2 nanocomposites for the purification of aqueous media. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	4
93	Investigation of the Structural Changes and Catalytic Properties of FeNi Nanostructures as a Result of Exposure to Gamma Radiation. Crystals, 2020, 10, 254.	1.0	0
94	Study of hydrogenation processes in radiation-resistant nitride ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 11227-11237.	1.1	44
95	Phase transformations in CoZnO/CoZn nanostructures depending on the difference in applied potentials. Surface and Coatings Technology, 2020, 386, 125495.	2.2	4
96	Iron oxide @ gold nanoparticles: Synthesis, properties and potential use as anode materials for lithium-ion batteries. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 603, 125178.	2.3	21
97	Radiation defects upon irradiation with Kr14+ ions of TaC0.81 ceramics. Surface and Coatings Technology, 2020, 386, 125499.	2.2	6
98	Study of the influence of synthesis conditions on stoichiometry and the properties of nanostructured CdSe thin films. Journal of Materials Science: Materials in Electronics, 2020, 31, 12756-12764.	1.1	6
99	Induced Spirals in Polyethylene Terephthalate Films Irradiated with Ar Ions with an Energy of 70 MeV. Crystals, 2020, 10, 427.	1.0	13
100	Blistering in Helium-Ion-Irradiated Zirconium, Aluminum, and Chromium Nitride Films. Journal of Surface Investigation, 2020, 14, 359-365.	0.1	8
101	The effect of lithium doping on the ferroelectric properties of LST ceramics. Ceramics International, 2020, 46, 14548-14557.	2.3	97
102	Study of the use of ionizing radiation for the modification of CoO/Co_{0.65}Zn_{0.35} nanostructures. Radiation Effects and Defects in Solids, 2020, 175, 279-290.	0.4	1
103	The study of the prospects for the use of Li0.15Sr0.85TiO3 ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 6764-6772.	1.1	50
104	Study of structural and morphological features of nanostructured coatings based on CoCdSe. Solid State Sciences, 2020, 106, 106339.	1.5	2
105	Ion Charge Influence on the Molecular Structure of Polyethylene Terephthalate Films after Irradiation with Swift Heavy Ions. Crystals, 2020, 10, 479.	1.0	12
106	Tolerance of MeN/Si3N4 (MeÂ=ÂZr, Al, Cr) multilayered systems to radiation erosion. Surface and Coatings Technology, 2020, 399, 126146.	2.2	5
107	Research of the shielding effect and radiation resistance of composite CuBi2O4 films as well as their practical applications. Journal of Materials Science: Materials in Electronics, 2020, 31, 11729-11740.	1.1	97
108	Induced ordering in polyethylene terephthalate films irradiated with Ar ions with an energy of 70ÂMeV. Surface and Coatings Technology, 2020, 386, 125490.	2.2	14

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109	The Study of the Applicability of Electron Irradiation for FeNi Microtubes Modification. Nanomaterials, 2020, 10, 47.	1.9	2
110	The effect of electron irradiation on the structure and properties of Î±-Fe2O3 nanoparticles as cathode material. Ceramics International, 2020, 46, 13580-13587.	2.3	3
111	Helium swelling in WO3 microcomposites. Ceramics International, 2020, 46, 10521-10529.	2.3	62
112	Synthesis, radical scavenging, and antimicrobial activities of coreâ€“shell Au/Ni microtubes. Chemical Papers, 2020, 74, 2189-2199.	1.0	3
113	Electrochemical Behaviour of Ti/Al2O3/Ni Nanocomposite Material in Artificial Physiological Solution: Prospects for Biomedical Application. Nanomaterials, 2020, 10, 173.	1.9	55
114	FeCoâ€“ Fe2CoO4/Co3O4 nanocomposites: Phase transformations as a result of thermal annealing and practical application in catalysis. Ceramics International, 2020, 46, 10262-10269.	2.3	168
115	Study of the rate of degradation of permalloy nanowires. Surface and Coatings Technology, 2020, 389, 125621.	2.2	0
116	Phase transformations and changes in the dielectric properties of nanostructured perovskite-like LBZ composites as a result of thermal annealing. Ceramics International, 2020, 46, 14460-14468.	2.3	9
117	Phase Transformations and Photocatalytic Activity of Nanostructured Y2O3/TiO2-Y2TiO5 Ceramic Such as Doped with Carbon Nanotubes. Molecules, 2020, 25, 1943.	1.7	5
118	Degradation processes and helium swelling in beryllium oxide. Surface and Coatings Technology, 2020, 386, 125498.	2.2	10
119	Stability and cytotoxicity study of NiFe2O4 nanocomposites synthesized by co-precipitation and subsequent thermal annealing. Ceramics International, 2020, 46, 16548-16555.	2.3	35
120	The study of the structural characteristics and catalytic activity of Co/CoCo2O4 nanowires. Composites Part B: Engineering, 2020, 191, 107968.	5.9	109
121	Study of Defect Formation Processes in Zinc Nanostructures under Ion Beam Irradiation. High Energy Chemistry, 2020, 54, 102-110.	0.2	0
122	Immobilization of carboranes on Fe3O4-polymer nanocomposites for potential application in boron neutron cancer therapy. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 601, 125035.	2.3	11
123	Carboranes immobilization on Fe3O4 nanocomposites for targeted delivery. Materials Today Communications, 2020, 24, 101247.	0.9	7
124	Evolution of structural and magnetic parameters of nickel nanotubes under irradiation of Fe7+ ions. Eurasian Journal of Physics and Functional Materials, 2020, 4, 139-146.	0.2	1
125	Study of structural changes in ZrO2 ceramics irradiated with heavy ions of Kr15+ with an energy of 147 MeV.. Physical Sciences and Technology, 2020, 7, .	0.0	1
126	FeNi nanotubes: perspective tool for targeted delivery. Applied Nanoscience (Switzerland), 2019, 9, 835-844.	1.6	18

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127	Radiation Defects in Aluminum Nitride under Irradiation with Low-Energy C2+ Ions. High Energy Chemistry, 2019, 53, 143-146.	0.2	0
128	Structure of Zinc Nanotubes. Crystallography Reports, 2019, 64, 615-620.	0.1	0
129	Radiation Defects in Beryllium Oxide under Irradiation with Ni12+ Heavy Ions. High Energy Chemistry, 2019, 53, 296-299.	0.2	0
130	Effect of Irradiation with Fe7+ Ions on the Structural Properties of TiO2 Films. High Energy Chemistry, 2019, 53, 321-325.	0.2	0
131	PET Ion-Track Membranes: Formation Features and Basic Applications. Springer Proceedings in Physics, 2019, , 461-479.	0.1	5
132	The use of pulsed beams for increasing radiation resistance of ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 15724-15733.	1.1	11
133	Characterization and magnetic properties of hollow Î±-Fe2O3 microspheres obtained by sol gel and spray roasting methods. Journal of Science: Advanced Materials and Devices, 2019, 4, 483-491.	1.5	14
134	Copper nanostructures into pores of SiO2/Si template: galvanic displacement, chemical and structural characterization. Materials Research Express, 2019, 6, 105058.	0.8	6
135	Study of using pulsed beams to increase the radiation resistance of nitride ceramics to helium swelling. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	5
136	Synthesis and Properties of Ferrite-Based Nanoparticles. Nanomaterials, 2019, 9, 1079.	1.9	28
137	Study of the effect of La3+ doping on the properties of ceramics based on BaTiOx. Vacuum, 2019, 168, 108838.	1.6	61
138	Study of Helium Swelling in Nitride Ceramics at Different Irradiation Temperatures. Materials, 2019, 12, 2415.	1.3	7
139	Electrochemical Template Synthesis of Copper Nanotubes from Nitrate and Sulfate Electrolytes. Russian Journal of General Chemistry, 2019, 89, 988-993.	0.3	3
140	Magnetic and microwave properties of carbonyl iron in the high frequency range. Journal of Magnetism and Magnetic Materials, 2019, 490, 165493.	1.0	24
141	Formation and corrosion properties of Ni-based composite material in the anodic alumina porous matrix. Journal of Alloys and Compounds, 2019, 804, 139-146.	2.8	44
142	Features of the Growth Processes and Magnetic Domain Structure of NiFe Nano-objects. Journal of Physical Chemistry C, 2019, 123, 26957-26964.	1.5	91
143	Correlation between structural and magnetic properties of FeNi nanotubes with different lengths. Journal of Alloys and Compounds, 2019, 810, 151874.	2.8	15
144	Influence of deposition potential on structure of Zn-based nanotubes. Materials Today: Proceedings, 2019, 7, 855-859.	0.9	0

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145	Investigation of phase transformations and corrosion resistance in Co/CoCo2O4 nanowires and their potential use as a basis for lithium-ion batteries. Scientific Reports, 2019, 9, 16646.	1.6	43
146	STUDY OF THE APPLICABILITY OF FE NANOTUBES AS AN ANODE MATERIAL OF LITHIUM-ION BATTERIES. Progress in Electromagnetics Research M, 2019, 82, 157-166.	0.5	1
147	Electron Beam Induced Enhancement of the Catalytic Properties of Ion-Track Membranes Supported Copper Nanotubes in the Reaction of the P-Nitrophenol Reduction. Catalysts, 2019, 9, 737.	1.6	17
148	Optimization of PET Ion-Track Membranes Parameters. Materials Today: Proceedings, 2019, 7, 866-871.	0.9	10
149	A simple way to control the filling degree of the SiO2/Si template pores with nickel. Materials Today: Proceedings, 2019, 7, 860-865.	0.9	2
150	SRIM Simulation of Carbon Ions Interaction with Ni Nanotubes. Materials Today: Proceedings, 2019, 7, 872-877.	0.9	4
151	Synthesis, phase composition and magnetic properties of double perovskites of A(FeM)O4-x type (A=Ce;) Tj ETQq1 1 0.784314 rgBT	2.3	84
152	Photocatalytically active filtration systems based on modified with titanium dioxide PET-membranes. Nuclear Instruments & Methods in Physics Research B, 2019, 460, 212-215.	0.6	10
153	Synthesis, structural, strength and corrosion properties of thin films of the type CuX (Xâ€‰=â€‰Bi, Mg, Ni). Journal of Materials Science: Materials in Electronics, 2019, 30, 11819-11832.	1.1	95
154	Synthesis, phase composition and structural and conductive properties of ferroelectric microparticles based on ATiOx (A = Ba, Ca, Sr). Ceramics International, 2019, 45, 17236-17242.	2.3	39
155	Evolution of Structural and Magnetic Characteristics of Template Synthesized Nickel Nanotubes. NATO Science for Peace and Security Series B: Physics and Biophysics, 2019, , 113-134.	0.2	1
156	Modified ion-track membranes for separation of biological objects. Materials Research Express, 2019, 6, 0850h3.	0.8	4
157	Influence of temperature and electrodeposition potential on structure and magnetic properties of nickel nanotubes. Journal of Magnetism and Magnetic Materials, 2019, 489, 165436.	1.0	16
158	Control of structural parameters and thermal conductivity of BeO ceramics using heavy ion irradiation and post-radiation annealing. Ceramics International, 2019, 45, 15412-15416.	2.3	43
159	Study of Magnetic Properties of Fe100-xNix Nanostructures Using the MÃ¶ssbauer Spectroscopy Method. Nanomaterials, 2019, 9, 757.	1.9	17
160	Immobilization of boron-rich compound on Fe3O4 nanoparticles: Stability and cytotoxicity. Journal of Alloys and Compounds, 2019, 797, 573-581.	2.8	117
161	Study of the effect of irradiation with Ca⁵⁺ ions on the increase in Ni nanotubes lifetime, applicable as the basis for lithium-ion batteries. Materials Research Express, 2019, 6, 085074.	0.8	12
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