

# Goran DraÅ¾Ä³/4iÄ

## List of Publications by Year in descending order

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160  
papers

6,863  
citations

53660

45  
h-index

79541

73  
g-index

161  
all docs

161  
docs citations

161  
times ranked

10460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of durable and non-durable Fe <sub>Nx</sub> sites in Fe-N-C materials for proton exchange membrane fuel cells. <i>Nature Catalysis</i> , 2021, 4, 10-19.	16.1	368
2	The Achilles' heel of iron-based catalysts during oxygen reduction in an acidic medium. <i>Energy and Environmental Science</i> , 2018, 11, 3176-3182.	15.6	332
3	Domain-wall conduction in ferroelectric BiFeO <sub>3</sub> controlled by accumulation of charged defects. <i>Nature Materials</i> , 2017, 16, 322-327.	13.3	288
4	Laccase immobilization over multi-walled carbon nanotubes: Kinetic, thermodynamic and stability studies. <i>Journal of Colloid and Interface Science</i> , 2015, 454, 52-60.	5.0	174
5	Simple synthesis of anatase/rutile/brookite TiO <sub>2</sub> nanocomposite with superior mineralization potential for photocatalytic degradation of water pollutants. <i>Applied Catalysis B: Environmental</i> , 2016, 181, 465-474.	10.8	151
6	Ce-doped TiO <sub>2</sub> for photocatalytic degradation of chlorophenol. <i>Catalysis Today</i> , 2009, 144, 13-18.	2.2	148
7	Characterization of CaTiO <sub>3</sub> -NdAlO <sub>3</sub> dielectric ceramics. <i>Journal of the European Ceramic Society</i> , 2003, 23, 1391-1400.	2.8	145
8	Current status and prospects of SiCf/SiC for fusion structural applications. <i>Journal of the European Ceramic Society</i> , 2013, 33, 1577-1589.	2.8	128
9	Fluorinated Reduced Graphene Oxide as an Interlayer in Li-S Batteries. <i>Chemistry of Materials</i> , 2015, 27, 7070-7081.	3.2	124
10	Cuprous Oxide Nanowires Prepared by an Additive-Free Polyol Process. <i>Crystal Growth and Design</i> , 2007, 7, 453-458.	1.4	105
11	Metal-free graphene-based catalytic membrane for degradation of organic contaminants by persulfate activation. <i>Chemical Engineering Journal</i> , 2019, 369, 223-232.	6.6	104
12	Catalytic performance of Au/ZnO nanocatalysts for CO oxidation. <i>Journal of Catalysis</i> , 2010, 273, 191-198.	3.1	99
13	Small CuO clusters on CeO <sub>2</sub> nanospheres as active species for catalytic N <sub>2</sub> O decomposition. <i>Applied Catalysis B: Environmental</i> , 2015, 163, 113-122.	10.8	99
14	β-Cyclodextrin as a Precursor to Holey C-Doped g-C <sub>3</sub> N <sub>4</sub> Nanosheets for Photocatalytic Hydrogen Generation. <i>ChemSusChem</i> , 2018, 11, 2681-2694.	3.6	92
15	Highly Efficient TiO <sub>2</sub> -Based Microreactor for Photocatalytic Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 9088-9094.	4.0	90
16	Titania versus zinc oxide nanoparticles on mesoporous silica supports as photocatalysts for removal of dyes from wastewater at neutral pH. <i>Catalysis Today</i> , 2018, 310, 32-41.	2.2	89
17	Photocatalytic degradation of caffeine: Developing solutions for emerging pollutants. <i>Catalysis Today</i> , 2013, 209, 108-115.	2.2	88
18	Microstructure and mechanical properties of nanostructured Ti-Al-Si-N coatings deposited by magnetron sputtering. <i>Surface and Coatings Technology</i> , 2014, 241, 105-111.	2.2	85

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19	The influence of the magnetic field on the crystallisation form of calcium carbonate and the testing of a magnetic water-treatment device. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 236, 71-76.	1.0	84
20	Available surface dictates microbial adhesion capacity. <i>International Journal of Adhesion and Adhesives</i> , 2014, 50, 265-272.	1.4	84
21	Deep-Red Emitting Mn <sup>4+</sup> Doped Mg <sub>2</sub> TiO <sub>4</sub> Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 724-730.	1.5	78
22	The nature of chlorine-inhibition of photocatalytic degradation of dichloroacetic acid in a TiO <sub>2</sub> -based microreactor. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 14867.	1.3	75
23	CO <sub>x</sub> -free hydrogen production via decomposition of ammonia over Cu <sup>2+</sup> /Zn-based heterogeneous catalysts and their activity/stability. <i>Applied Catalysis B: Environmental</i> , 2017, 211, 57-67.	10.8	74
24	Preparation and structural investigations of electrochromic nanosized NiO <sub>x</sub> films made via the sol-gel route. <i>Solid State Ionics</i> , 2003, 165, 191-200.	1.3	73
25	Neodymium-Based Stoichiometric Ultrasmall Nanoparticles for Multifunctional Deep-Tissue Photothermal Therapy. <i>Advanced Optical Materials</i> , 2016, 4, 782-789.	3.6	73
26	Nucleation and crystallization of CaCO <sub>3</sub> in applied magnetic fields. <i>Crystal Engineering</i> , 2002, 5, 243-253.	0.7	70
27	Memory of texture during HDDR processing of NdFeB. <i>IEEE Transactions on Magnetics</i> , 2003, 39, 2926-2931.	1.2	70
28	Metal surface characteristics dictate bacterial adhesion capacity. <i>International Journal of Adhesion and Adhesives</i> , 2016, 68, 39-46.	1.4	70
29	Hindered Disulfide Bonds to Regulate Release Rate of Model Drug from Mesoporous Silica. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 3908-3915.	4.0	68
30	Graphene nanoplatelets as an anticorrosion additive for solar absorber coatings. <i>Solar Energy Materials and Solar Cells</i> , 2018, 176, 19-29.	3.0	68
31	Gold nanoparticles on ceria supports for the oxidation of carbon monoxide. <i>Catalysis Today</i> , 2010, 154, 21-30.	2.2	65
32	Atomically Resolved Dealloying of Structurally Ordered Pt Nanoalloy as an Oxygen Reduction Reaction Electrocatalyst. <i>ACS Catalysis</i> , 2016, 6, 5530-5534.	5.5	65
33	Synergistic effect of CuO nanocrystals and Cu-oxo-Fe clusters on silica support in promotion of total catalytic oxidation of toluene as a model volatile organic air pollutant. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118749.	10.8	63
34	Growth defect density in PVD hard coatings prepared by different deposition techniques. <i>Surface and Coatings Technology</i> , 2013, 237, 349-356.	2.2	62
35	Severe accelerated degradation of PEMFC platinum catalyst: A thin film IL-SEM study. <i>Electrochemistry Communications</i> , 2013, 30, 75-78.	2.3	60
36	Ex situ and In situ Infrared Spectroelectrochemical Investigations of V <sub>2</sub> O <sub>5</sub> Crystalline Films. <i>Journal of the Electrochemical Society</i> , 1999, 146, 232-242.	1.3	58

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37	Multifunctional graphene-based magnetic nanocarriers for combined hyperthermia and dual stimuli-responsive drug delivery. <i>Materials Science and Engineering C</i> , 2018, 93, 206-217.	3.8	56
38	Wear mechanisms in oil-lubricated and dry fretting of silicon nitride against bearing steel contacts. <i>Wear</i> , 1997, 210, 27-38.	1.5	55
39	Title is missing!. <i>Journal of Sol-Gel Science and Technology</i> , 1999, 14, 291-308.	1.1	55
40	Synthesis-phase-composition relationship and high electric-field-induced electromechanical behavior of samarium-modified BiFeO <sub>3</sub> ceramics. <i>Acta Materialia</i> , 2015, 83, 149-159.	3.8	54
41	Atomic scale symmetry and polar nanoclusters in the paraelectric phase of ferroelectric materials. <i>Nature Communications</i> , 2021, 12, 3509.	5.8	51
42	Hydrothermal growth of iron oxide NPs with a uniform size distribution for magnetically induced hyperthermia: Structural, colloidal and magnetic properties. <i>Journal of Alloys and Compounds</i> , 2017, 694, 261-271.	2.8	50
43	Compositional fluctuations and properties of fine-grained acceptor-doped PZT ceramics. <i>Journal of the European Ceramic Society</i> , 1998, 18, 1695-1705.	2.8	49
44	Hummers- and Brodie-oxides as photocatalysts for phenol degradation. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 243-255.	5.0	49
45	Effect of chloride on the sinterization of Au/CeO <sub>2</sub> catalysts. <i>Catalysis Today</i> , 2010, 154, 293-302.	2.2	48
46	Donor doping of K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> ceramics with strontium and its implications to grain size, phase composition and crystal structure. <i>Journal of the European Ceramic Society</i> , 2017, 37, 2073-2082.	2.8	47
47	Domain-wall pinning and defect ordering in BiFeO <sub>3</sub> probed on the atomic and nanoscale. <i>Nature Communications</i> , 2020, 11, 1762.	5.8	47
48	Electrochromic and structural investigation of InVO <sub>4</sub> and some other vanadia-based oxide films. <i>Electrochimica Acta</i> , 2001, 46, 2059-2068.	2.6	46
49	Solvothermal synthesis of zinc oxide microspheres. <i>Journal of Alloys and Compounds</i> , 2015, 652, 91-99.	2.8	46
50	Characterization of Crystalline Zinc Oxide in the Form of Hexagonal Bipods. <i>Crystal Growth and Design</i> , 2010, 10, 830-837.	1.4	43
51	Singular Structural and Electrochemical Properties in Highly Defective LiFePO <sub>4</sub> Powders. <i>Chemistry of Materials</i> , 2015, 27, 4261-4273.	3.2	43
52	Surface modified titanium dioxide using transition metals: nickel as a winning transition metal for solar light photocatalysis. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9882-9892.	5.2	43
53	High-performance nanocrystalline PrFeB-based magnets produced by intensive milling. <i>Journal of Applied Physics</i> , 2002, 91, 8159.	1.1	42
54	Title is missing!. <i>Journal of Sol-Gel Science and Technology</i> , 2001, 20, 61-83.	1.1	41

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55	Preparation and Characterisation of Nano-Structured WO <sub>3</sub> -TiO <sub>2</sub> Layers for Photoelectrochromic Devices. Journal of Sol-Gel Science and Technology, 2005, 36, 45-52.	1.1	41
56	Insights into thermal annealing of highly-active PtCu <sub>3</sub> /C Oxygen Reduction Reaction electrocatalyst: An in-situ heating transmission Electron microscopy study. Nano Energy, 2019, 63, 103892.	8.2	41
57	Hydrothermal synthesis of $\pm$ -Fe <sub>2</sub> O <sub>3</sub> nanorings with the help of divalent metal cations, Mn <sup>2+</sup> , Cu <sup>2+</sup> , Zn <sup>2+</sup> and Ni <sup>2+</sup> . Journal of Molecular Structure, 2011, 993, 167-176.	1.8	40
58	Influence of Polyelectrolyte Multilayer Properties on Bacterial Adhesion Capacity. Polymers, 2016, 8, 345.	2.0	39
59	Texture inducement during HDDR processing of NdFeB. IEEE Transactions on Magnetics, 2002, 38, 2958-2960.	1.2	38
60	Development of TiO <sub>2</sub> pastes modified with Pechini sol-gel method for high efficiency dye-sensitized solar cell. Journal of Sol-Gel Science and Technology, 2008, 48, 156-162.	1.1	38
61	Understanding the Crucial Significance of the Temperature and Potential Window on the Stability of Carbon Supported Pt-Alloy Nanoparticles as Oxygen Reduction Reaction Electrocatalysts. ACS Catalysis, 2022, 12, 101-115.	5.5	38
62	Degradation of AlN Powder in Aqueous Environments. Journal of Materials Research, 2004, 19, 1157-1163.	1.2	37
63	Transport properties of ultrathin $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{YBa} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mathvariant="normal"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 7 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{\text{a}} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \hat{\text{i}} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \rangle$ nanowires: A route to single-photon detection. Physical Review B, 2017, 96, ..		
64	Efficient removal of parabens from real water matrices by a metal-free carbon nitride photocatalyst. Science of the Total Environment, 2020, 716, 135346.	3.9	37
65	Study of the microstructure of amorphous aluminosilicate gel before and after its hydrothermal treatment. Microporous and Mesoporous Materials, 2008, 110, 177-185.	2.2	36
66	Effects of natural antimicrobials on bacterial cell hydrophobicity, adhesion, and zeta potential / Vpliv naravnih protimikrobnih snovi na bakterijsko hidrofobnost, adhezijo in zeta potencial. Arhiv Za Higijenu Rada I Toksikologiju, 2016, 67, 39-45.	0.4	34
67	Connecting the Multiscale Structure with Macroscopic Response of Relaxor Ferroelectrics. Advanced Functional Materials, 2020, 30, 2006823.	7.8	34
68	Recent advances in vacuum sciences and applications. Journal Physics D: Applied Physics, 2014, 47, 153001.	1.3	33
69	Hydrodynamics, mass transfer, and photocatalytic phenol selective oxidation reaction kinetics in a fixed $\langle \text{scpt} \rangle \langle \text{scpi} \rangle \langle \text{scpo} \rangle \langle \text{scpsub} \rangle 2 \langle \text{scpsub} \rangle \langle \text{scps} \rangle$ microreactor. AIChE Journal, 2015, 61, 572-581.	1.8	33
70	Atomically Resolved Anisotropic Electrochemical Shaping of Nano-electrocatalyst. Nano Letters, 2019, 19, 4919-4927.	4.5	33
71	Principles of the hydrolysis assisted solidification (HAS) process for forming ceramic bodies from aqueous suspension. Journal of the European Ceramic Society, 2002, 22, 289-295.	2.8	32
72	Transformation of austenite during isothermal annealing at 600-900°C for heat-resistant stainless steel. Journal of Alloys and Compounds, 2013, 567, 59-64.	2.8	32



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91	Conformal Carbon Nitride Coating as an Efficient Hole Extraction Layer for ZnO Nanowires-Based Photoelectrochemical Cells. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700924.	1.9	26
92	Electrical and IR spectroscopic studies of peroxopolytungstic acid/organic-inorganic hybrid gels. <i>Solid State Ionics</i> , 1999, 125, 125-133.	1.3	25
93	An XRPD ab-initio structural determination of La <sub>2</sub> RuO <sub>5</sub> . <i>Journal of Solid State Chemistry</i> , 2003, 170, 294-302.	1.4	24
94	Incorporation of Sc into the structure of barium-hexaferrite nanoplatelets and its extraordinary finite-size effect on the magnetic properties. <i>Acta Materialia</i> , 2019, 172, 84-91.	3.8	24
95	Low-temperature V-oxide film for a flexible electrochromic device: Comparison of its electrochromic, IR and Raman properties to those of a crystalline V <sub>2</sub> O <sub>5</sub> film. <i>Solar Energy Materials and Solar Cells</i> , 2019, 196, 185-199.	3.0	24
96	Discovery of a FeCoNiPdCu High-Entropy Alloy with Excellent Magnetic Softness. <i>Advanced Engineering Materials</i> , 2019, 21, 1801055.	1.6	24
97	Preparation and properties of ceramic sensor elements based on MgCr <sub>2</sub> O <sub>4</sub> . <i>Sensors and Actuators</i> , 1989, 18, 407-414.	1.8	23
98	Effect of slip amplitude on the fretting wear of silicon nitride against silicon nitride. <i>Wear</i> , 1996, 192, 11-20.	1.5	23
99	The challenges of 157 nm nanolithography: surface morphology of silicon-based copolymers. <i>Materials Science and Engineering C</i> , 2003, 23, 995-999.	3.8	23
100	Controlling the Surface Chemistry of Multiwalled Carbon Nanotubes for the Production of Highly Efficient and Stable Laccase-Based Biocatalysts. <i>ChemPlusChem</i> , 2014, 79, 1116-1122.	1.3	23
101	Transition metal pairs on ceria-promoted, ordered mesoporous alumina as catalysts for the CO <sub>2</sub> reforming reaction of methane. <i>Catalysis Science and Technology</i> , 2016, 6, 3797-3805.	2.1	22
102	Methodology for Investigating Electrochemical Gas Evolution Reactions: Floating Electrode as a Means for Effective Gas Bubble Removal. <i>Analytical Chemistry</i> , 2019, 91, 10353-10356.	3.2	22
103	Biofouling of stainless steel surfaces by four common pathogens: the effects of glucose concentration, temperature and surface roughness. <i>Biofouling</i> , 2019, 35, 273-283.	0.8	22
104	The Challenge of Achieving a High Density of Fe-Based Active Sites in a Highly Graphitic Carbon Matrix. <i>Catalysts</i> , 2019, 9, 144.	1.6	22
105	A comparison of Ar ion implantation and swift heavy Xe ion irradiation effects on immiscible AlN/TiN multilayered nanostructures. <i>Materials Chemistry and Physics</i> , 2012, 133, 884-892.	2.0	21
106	Toward the Continuous Production of Multigram Quantities of Highly Uniform Supported Metallic Nanoparticles and Their Application for Synthesis of Superior Intermetallic Pt-Alloy ORR Electrocatalysts. <i>ACS Applied Energy Materials</i> , 2021, 4, 13819-13829.	2.5	21
107	Enhanced photoredox chemistry in surface-modified Mg <sub>2</sub> TiO <sub>4</sub> nano-powders with bidentate benzene derivatives. <i>RSC Advances</i> , 2016, 6, 94780-94786.	1.7	18
108	Twinning and charge compensation in Nb <sub>2</sub> O <sub>5</sub> -doped SnO <sub>2</sub> -CoO ceramics exhibiting promising varistor characteristics. <i>Ceramics International</i> , 2018, 44, 1603-1613.	2.3	18

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109	A comparative study of hydrothermally derived Mn, Fe, Co, Ni, Cu and Zn doped ceria nanocatalysts. <i>Materials Chemistry and Physics</i> , 2020, 244, 122689.	2.0	18
110	Active Iron Sites of Disordered Mesoporous Silica Catalyst FeKIL-2 in the Oxidation of Volatile Organic Compounds (VOC). <i>Materials</i> , 2014, 7, 4243-4257.	1.3	16
111	A TiO <sub>2</sub> -nanotubes-based coil-type microreactor for highly efficient photoelectrocatalytic degradation of organic compounds. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 47, 384-390.	2.9	16
112	Novel Ba-hexaferrite structural variations stabilized on the nanoscale as building blocks for epitaxial bi-magnetic hard/soft sandwiched maghemite/hexaferrite/maghemite nanoplatelets with out-of-plane easy axis and enhanced magnetization. <i>Nanoscale</i> , 2017, 9, 17551-17560.	2.8	16
113	Unusual structural-disorder stability of mechanochemically derived-Pb(Sc <sub>0.5</sub> Nb <sub>0.5</sub> )O <sub>3</sub> . <i>Journal of Materials Chemistry C</i> , 2015, 3, 10309-10315.	2.7	15
114	The Influence of Ethanolamines on the Solvothermal Synthesis of Zinc Oxide: A Combined Experimental and Theoretical Study. <i>ChemistrySelect</i> , 2017, 2, 10038-10049.	0.7	15
115	Charge Properties of TiO <sub>2</sub> Nanotubes in NaNO <sub>3</sub> Aqueous Solution. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 13130-13142.	4.0	15
116	Surface characterisation and modification of submicron and nanosized silicon carbide powders. <i>Journal of the European Ceramic Society</i> , 2007, 27, 3545-3550.	2.8	14
117	New insights into the toxicity of mineral fibres: A combined in situ synchrotron $\mu$ -XRD and HR-TEM study of chrysotile, crocidolite, and erionite fibres found in the tissues of Sprague-Dawley rats. <i>Toxicology Letters</i> , 2017, 274, 20-30.	0.4	14
118	Effects of Li <sup>+</sup> co-doping on properties of Eu <sup>3+</sup> activated TiO <sub>2</sub> anatase nanoparticles. <i>Optical Materials</i> , 2017, 72, 316-322.	1.7	14
119	Selective Production of Benzaldehyde Using Metal-Free Reduced Graphene Oxide/Carbon Nitride Hybrid Photocatalysts. <i>ChemistrySelect</i> , 2018, 3, 8070-8081.	0.7	14
120	Synthesis of a Cu/ZnO Nanocomposite by Electroless Plating for the Catalytic Conversion of CO <sub>2</sub> to Methanol. <i>Catalysis Letters</i> , 2019, 149, 1427-1439.	1.4	14
121	Bacterial adhesion capacity on food service contact surfaces. <i>International Journal of Environmental Health Research</i> , 2017, 27, 169-178.	1.3	13
122	Synthesis of ZnO particles using water molecules generated in esterification reaction. <i>Journal of Molecular Structure</i> , 2017, 1140, 12-18.	1.8	13
123	Synthesis of gold nanoparticles under highly oxidizing conditions. <i>Gold Bulletin</i> , 2016, 49, 21-33.	1.1	12
124	Multi-stoichiometric quasi-two-dimensional W <sub>n</sub> O <sub>3n-1</sub> tungsten oxides. <i>Nanoscale</i> , 2020, 12, 15102-15114.	2.8	12
125	Peroxo and gold modified titanium nanotubes for effective removal of methyl orange with CWPO under ambient conditions. <i>Catalysis Today</i> , 2017, 280, 155-164.	2.2	10
126	Syntheses of gold nanoparticles and their impact on the cell cycle in breast cancer cells subjected to megavoltage X-ray irradiation. <i>Materials Science and Engineering C</i> , 2018, 91, 486-495.	3.8	10



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127	Surface deposited one-dimensional copper-doped TiO <sub>2</sub> nanomaterials for prevention of health care acquired infections. PLoS ONE, 2018, 13, e0201490.	1.1	10
128	Magnetic oxygen stored in quasi-1D form within BaAl <sub>2</sub> O <sub>4</sub> lattice. Scientific Reports, 2019, 9, 15158.	1.6	10
129	Insight into the Growth Mechanism and Photocatalytic Behavior of Tubular Hierarchical ZnO Structures: An Integrated Experimental and Theoretical Approach. Inorganic Chemistry, 2022, 61, 2962-2979.	1.9	10
130	The role of thermal analysis in optimization of electrochromic effect of nickel oxide thin films, prepared by the sol-gel method: Part III. Thermochimica Acta, 2017, 655, 344-350.	1.2	9
131	Electrochemical behavior of Bi <sub>4</sub> B <sub>2</sub> O <sub>9</sub> towards lithium-reversible conversion reactions without nanosizing. Physical Chemistry Chemical Physics, 2018, 20, 2330-2338.	1.3	9
132	Influence of Growth Defects on the Oxidation Resistance of Sputter-Deposited TiAlN Hard Coatings. Coatings, 2021, 11, 123.	1.2	9
133	Untwinned $\text{YBa}_2\text{Cu}_7\text{O}_x$ thin films on MgO substrates: A platform to study strain effects on the local orders in cuprates. Physical Review Materials, 2018, 3,		
134	Composition and structure of NiAu nanoparticles formed by laser ablation of Ni target in Au colloidal solution. Materials Chemistry and Physics, 2015, 166, 223-232.	2.0	8
135	Coiled-coil forming peptides for the induction of silver nanoparticles. Biochemical and Biophysical Research Communications, 2016, 472, 566-571.	1.0	8
136	Polyelectrolyte-Coated Cerium Oxide Nanoparticles: Insights into Adsorption Process. Journal of Physical Chemistry C, 2018, 122, 27323-27330.	1.5	8
137	Experimental quantification of the Fe-valence state at amosite-asbestos boundaries using acSTEM dual-electron energy-loss spectroscopy. American Mineralogist, 2019, 104, 1820-1828.	0.9	8
138	How cancer cells attach to urinary bladder epithelium in vivo: study of the early stages of tumorigenesis in an orthotopic mouse bladder tumor model. Histochemistry and Cell Biology, 2019, 151, 263-273.	0.8	8
139	Impact of cadmium and phosphate ions on the hematite nanorings formation. Journal of Molecular Structure, 2017, 1140, 113-121.	1.8	7
140	Intermixing and phase transformations in Al/Ti multilayer system induced by picosecond laser beam. Thin Solid Films, 2015, 591, 357-362.	0.8	6
141	Modification of semiconductor or metal nanoparticle lattices in amorphous alumina by MeV heavy ions. New Journal of Physics, 2016, 18, 093032.	1.2	6
142	Structural and dielectric properties of hydrothermally prepared boehmite coatings on an aluminium foil. Journal of Materials Science: Materials in Electronics, 2016, 27, 10221-10225.	1.1	6
143	Structural stabilization and characterization of active peroxo species on TiO <sub>2</sub> -nanotube based materials in mild catalytic wet peroxide oxidation process. Applied Catalysis A: General, 2018, 562, 276-283.	2.2	6
144	Characterization of radiolytically synthesized feroxyhyte and oxidized magnetite nanoparticles. Materials Characterization, 2020, 159, 110038.	1.9	6

