Jakub Karczewski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

150 papers	1,557 citations	19 h-index	29 g-index
169 ext. papers	1,989 ext. citations	4.3 avg, IF	5.1 L-index

#	Paper	IF	Citations
150	Effect of Nb and Al on in vitro dissolution behavior and structure of Na2O-MgO CaO-P2O5 glasses. *Journal of Non-Crystalline Solids*, **2022**, 585, 121544	3.9	0
149	Susceptibility to Degradation in Soil of Branched Polyesterurethane Blends with Polylactide and Starch. *Polymers*, **2022**, 14, 2086	4.5	0
148	Scheelite-Type Wide-Bandgap ABO4 Compounds (A = Ca, Sr, and Ba; B = Mo and W) as Potential Photocatalysts for Water Treatment. *Journal of Physical Chemistry C*, **2021**, 125, 25497-25513	3.8	0
147	The Effect of Cobalt Incorporation into Nickel‐Iron Oxide/(oxy)hydroxide Catalyst on Electrocatalytic Performance Toward Oxygen Evolution Reaction. *Energy Technology*, **2021**, 9, 2100688	3.5	0
146	Influence of stabilizing osmolytes on hen egg white lysozyme fibrillation. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-8	3.6	0
145	Improvement of Oxygen Electrode Performance of Intermediate Temperature Solid Oxide Cells by Spray Pyrolysis Deposited Active Layers. *Advanced Materials Interfaces*, **2021**, 8, 2002227	4.6	3
144	Electrochemical glucose sensor based on the glucose oxidase entrapped in chitosan immobilized onto laser-processed Au-Ti electrode. *Sensors and Actuators B: Chemical*, **2021**, 330, 129409	8.5	18
143	Effect of Functionalization of Reduced Graphene Oxide Coatings with Nitrogen and Sulfur Groups on Their Anti-Corrosion Properties. *Materials*, **2021**, 14,	3.5	3
142	Application of Shrimp Waste for the Synthesis of Polyurethane‐Chitosan Materials with Potential Use in Sorption of Oil Micro-Spills in Water Treatment. *Sustainability*, **2021**, 13, 5098	3.6	3
141	DC and AC Conductivity, Biosolubility and Thermal Properties of Mg-Doped NaO-CaO-PO Glasses. *Materials*, **2021**, 14,	3.5	1
140	Structural evaluation of percolating, self-healing polyurethane‐polycaprolactone blends doped with metallic, ferromagnetic, and modified graphene fillers. *Polymers and Polymer Composites*, **2021**, 29, 541-552	0.8	
139	Low-strain sensor based on the flexible boron-doped diamond-polymer structures. *Carbon*, **2021**, 173, 832-841	10.4	2
138	Spectacular Oxygen Evolution Reaction Enhancement through Laser Processing of the Nickel-Decorated Titania Nanotubes. *Advanced Materials Interfaces*, **2021**, 8, 2001420	4.6	1
137	Laser-assisted approach for improved performance of Au-Ti based glucose sensing electrodes. *Applied Surface Science*, **2021**, 543, 148788	6.7	3
136	The effect of Fe on chemical stability and oxygen evolution performance of high surface area SrTix-1FexO3-δ mixed ionic-electronic conductors in alkaline media. *International Journal of Hydrogen Energy*, **2021**, 46, 28575-28590	6.7	1
135	Synthesis and Physicochemical Characteristics of Chitosan-Based Polyurethane Flexible Foams. *Processes*, **2021**, 9, 1394	2.9	0
134	Self-assembly of vertically orientated graphene nanostructures: Multivariate characterisation by Minkowski functionals and fractal geometry. *Acta Materialia*, **2021**, 214, 116989	8.4	6

133	Rapid development of the photoresponse and oxygen evolution of TiO2 nanotubes sputtered with Cr thin films realized via laser annealing. *Journal of Alloys and Compounds*, **2021**, 877, 160316	5.7	3
132	Novel approach to interference analysis of glucose sensing materials coated with Nafion. *Bioelectrochemistry*, **2020**, 135, 107575	5.6	7
131	Thermally tuneable optical and electrochemical properties of Au-Cu nanomosaic formed over the host titanium dimples. *Chemical Engineering Journal*, **2020**, 399, 125673	14.7	3
130	The Influence of the Electrodeposition Parameters on the Properties of Mn-Co-Based Nanofilms as Anode Materials for Alkaline Electrolysers. *Materials*, **2020**, 13,	3.5	2
129	Pulsed Laser Deposition of Bismuth Vanadate Thin Films-The Effect of Oxygen Pressure on the Morphology, Composition, and Photoelectrochemical Performance. *Materials*, **2020**, 13,	3.5	1
128	The In-Depth Studies of Pulsed UV Laser-Modified TiO Nanotubes: The Influence of Geometry, Crystallinity, and Processing Parameters. *Nanomaterials*, **2020**, 10,	5.4	7
127	Preparation and characterisation of iron substituted Mn1.7Cu1.3-xFexO4 spinel oxides (x = 0, 0.1, 0.3, 0.5). *Journal of the European Ceramic Society*, **2020**, 40, 5920-5929	6	3
126	Nano Tin/Tin Oxide Attached onto Graphene Oxide Skeleton as a Fluorine Free Anode Material for Lithium-Ion Batteries. *Inorganic Chemistry*, **2020**, 59, 4150-4159	5.1	7
125	MnxCo3-xO4 spinel oxides as efficient oxygen evolution reaction catalysts in alkaline media. *International Journal of Hydrogen Energy*, **2020**, 45, 14867-14879	6.7	17
124	Hybrid TiO-Polyaniline Photocatalysts and their Application in Building Gypsum Plasters. *Materials*, **2020**, 13,	3.5	6
123	Scalable Route toward Superior Photoresponse of UV-Laser-Treated TiO Nanotubes. *ACS Applied Materials & Interfaces*, **2020**, 12, 3225-3235	9.5	18
122	Laser-assisted modification of titanium dioxide nanotubes in a tilted mode as surface modification and patterning strategy. *Applied Surface Science*, **2020**, 508, 145143	6.7	9
121	Light-improved glucose sensing on ordered Au-Ti heterostructure. *Optik*, **2020**, 206, 164166	2.5	2
120	The pulsed laser ablation synthesis of colloidal iron oxide nanoparticles for the enhancement of TiO2 nanotubes photo-activity. *Applied Surface Science*, **2020**, 530, 147097	6.7	10
119	Processing of Ce0.8Gd0.2O2-□barrier layers for solid oxide cells: The effect of preparation method and thickness on the interdiffusion and electrochemical performance. *Journal of the European Ceramic Society*, **2020**, 40, 5626-5633	6	4
118	Formation of the hollow nanopillar arrays through the laser-induced transformation of TiO nanotubes. *Scientific Reports*, **2020**, 10, 20235	4.9	1
117	Laser induced formation of copper species over TiO2 nanotubes towards enhanced water splitting performance. *International Journal of Hydrogen Energy*, **2020**, 45, 19192-19205	6.7	4
116	Insightful Analysis of Phenomena Arising at the Metal|Polymer Interphase of Au-Ti Based Non-Enzymatic Glucose Sensitive Electrodes Covered by Nafion. *Coatings*, **2020**, 10, 810	2.9	5

115	Laser-Assisted Synthesis and Oxygen Generation of Nickel Nanoparticles. *Materials*, **2020**, 13,	3.5	2
114	Anodic titania nanotubes decorated with gold nanoparticles produced by laser-induced dewetting of thin metallic films. *Scientific Reports*, **2020**, 10, 20506	4.9	3
113	A Flexible Nafion Coated Enzyme-free Glucose Sensor Based on Au-dimpled Ti Structures. *Electroanalysis*, **2020**, 32, 323-332	3	12
112	The geometry of free-standing titania nanotubes as a critical factor controlling their optical and photoelectrochemical performance. *Surface and Coatings Technology*, **2020**, 389, 125628	4.4	13
111	Free-standing TiO nanotubes decorated with spherical nickel nanoparticles as a cost-efficient electrocatalyst for oxygen evolution reaction.. *RSC Advances*, **2020**, 11, 219-228	3.7	2
110	The Influence of Iron Doping on Performance of SrTi1-XFexO3- Perovskite Oxygen Electrode for SOFC. *ECS Transactions*, **2019**, 91, 1299-1307	1	3
109	Amyloid fibril formation in the presence of water structure-affecting solutes. *Biophysical Chemistry*, **2019**, 254, 106265	3.5	2
108	Thermal, electrical, and magnetic properties of Fe2O3 PbO SiO2 glass prepared by traditional melt-quenching and twin roller fast-cooling methods. *Journal of Physics and Chemistry of Solids*, **2019**, 135, 109010	3.9	4
107	Ionic conductivity behavior by activated hopping conductivity (AHC) of barium aluminoborosilicate glass eramic system designed for SOFC sealing. *Journal of the European Ceramic Society*, **2019**, 39, 3103-3111	6	4
106	Tailoring Electro/Optical Properties of Transparent Boron-Doped Carbon Nanowalls Grown on Quartz. *Materials*, **2019**, 12,	3.5	9
105	Characterization methods of nickel nano-particles obtained by the ex-solution process on the surface of Pr, Ni-doped SrTiO3 perovskite ceramics. *SN Applied Sciences*, **2019**, 1, 1	1.8	3
104	Non-enzymatic flexible glucose sensing platform based on nanostructured TiO2 Au composite. *Journal of Electroanalytical Chemistry*, **2019**, 837, 230-239	4.1	26
103	Structural and electrical transport properties of Pr-doped SrTi0.93Co0.07O3- a novel SOEC fuel electrode materials. *Journal of Electroceramics*, **2019**, 42, 31-40	1.5	8
102	The Influence of the Co-Dopant Dexamethasone Phosphate on the Electrodeposition Process and Drug-Release Properties of Polypyrrole-Salicylate on Iron. *Journal of the Electrochemical Society*, **2019**, 166, G148-G155	3.9	
101	Electrochemical Stability of Few-Layered Phosphorene Flakes on Boron-Doped Diamond: A Wide Potential Range of Studies in Aqueous Solutions. *Journal of Physical Chemistry C*, **2019**, 123, 20233-20240	3.8	4
100	Influence of the electrosynthesis conditions on the spontaneous release of anti-inflammatory salicylate during degradation of polypyrrole coated iron for biodegradable cardiovascular stent. *Electrochimica Acta*, **2019**, 320, 134612	6.7	3
99	Deposition and Electrical and Structural Properties of La0.6Sr0.4CoO3 Thin Films for Application in High-Temperature Electrochemical Cells. *Journal of Electronic Materials*, **2019**, 48, 5428-5441	1.9	3
98	A negative effect of carbon phase on specific capacity of electrode material consisted of nanosized bismuth vanadate embedded in carbonaceous matrix. *Synthetic Metals*, **2019**, 257, 116168	3.6	6

97	Preparation of Hydrogen Electrodes of Solid Oxide Cells by Infiltration: Effects of the Preparation Procedure on the Resulting Microstructure. *Materials*, **2019**, 13,	3.5	2
96	The influence of the Cu2O deposition method on the structure, morphology and photoresponse of the ordered TiO2NTs/Cu2O heterojunction. *Materials Research Express*, **2019**, 6, 1250b6	1.7	2
95	Electrochemical properties of porous Sr0.86Ti0.65Fe0.35O3 oxygen electrodes in solid oxide cells: Impedance study of symmetrical electrodes. *International Journal of Hydrogen Energy*, **2019**, 44, 1827-1838	4.7	13
94	Growth and Isolation of Large Area Boron-Doped Nanocrystalline Diamond Sheets: A Route toward Diamond-on-Graphene Heterojunction. *Advanced Functional Materials*, **2019**, 29, 1805242	15.6	9
93	High-temperature kinetics study of 430L steel powder oxidized in air at 600–850 °C. *Corrosion Science*, **2019**, 149, 100-107	6.8	6
92	Metal dusting phenomena of 501 AISI furnace tubes in refinery fractional distillation unit. *Engineering Failure Analysis*, **2018**, 91, 108-114	3.2	2
91	Influence of yttria surface modification on high temperature corrosion of porous Ni22Cr alloy. *International Journal of Applied Ceramic Technology*, **2018**, 15, 361-369	2	0
90	Optical Monitoring of Electrochemical Processes With ITO-Based Lossy-Mode Resonance Optical Fiber Sensor Applied as an Electrode. *Journal of Lightwave Technology*, **2018**, 36, 954-960	4	33
89	Synthesis and properties of porous Sr0.96Y0.04Ti1−xNbxO3. *Solid State Ionics*, **2018**, 320, 305-309	3.3	
88	Fabrication, structural and electrical properties of Sr(V,Nb)O3-δ perovskite materials. *Materials Chemistry and Physics*, **2018**, 212, 446-452	4.4	5
87	Chromatographic and Spectroscopic Identification and Recognition of Natural Dyes, Uncommon Dyestuff Components, and Mordants: Case Study of a 16th Century Carpet with Chintamani Motifs. *Molecules*, **2018**, 23,	4.8	14
86	Origin and fate of nanoparticles in marine water - Preliminary results. *Chemosphere*, **2018**, 206, 359-368	8.4	8
85	Ordered titania nanotubes layer selectively annealed by laser beam for high contrast electrochromic switching. *Thin Solid Films*, **2018**, 659, 48-56	2.2	10
84	Low temperature deposition of dense MnCo2O4 protective coatings for steel interconnects of solid oxide cells. *Journal of the European Ceramic Society*, **2018**, 38, 4576-4579	6	5
83	The influence of ammonia and selected amines on the characteristics of calcium carbonate precipitated from calcium chloride solutions via carbonation. *Materials Chemistry and Physics*, **2017**, 193, 13-18	4.4	25
82	Spray pyrolysis of doped-ceria barrier layers for solid oxide fuel cells. *Surface and Coatings Technology*, **2017**, 313, 168-176	4.4	7
81	Ordered titanium templates functionalized by gold films for biosensing applications - Towards non-enzymatic glucose detection. *Talanta*, **2017**, 166, 207-214	6.2	18
80	Nitrogen dioxide sensing properties of PEDOT polymer films. *Sensors and Actuators B: Chemical*, **2017**, 247, 108-113	8.5	36

79	Status report on high temperature fuel cells in Poland Recent advances and achievements. *International Journal of Hydrogen Energy*, **2017**, 42, 4366-4403	6.7	46
78	Mixed ionicelectronic conductivity and structural properties of strontium-borate glass containing nanocrystallites of Bi2VO5.5. *Physica Status Solidi (B): Basic Research*, **2017**, 254, 1700093	1.3	4
77	Bacteriophages as Factories for EuO Nanoparticle Synthesis. *Bioconjugate Chemistry*, **2017**, 28, 1834-1846	4.3	5
76	La 0.6 Sr 0.4 Co 0.2 Fe 0.8 O 3- oxygen electrodes for solid oxide cells prepared by polymer precursor and nitrates solution infiltration into gadolinium doped ceria backbone. *Journal of the European Ceramic Society*, **2017**, 37, 3559-3564	6	16
75	Structure and electrical properties of Y, Fe-based perovskite mixed conducting composites fabricated by a modified polymer precursor method. *Solid State Sciences*, **2017**, 70, 41-46	3.4	4
74	Investigation of poly(3,4-ethylenedioxythiophene) deposition method influence on properties of ion-selective electrodes based on bis(benzo-15-crown-5) derivatives. *Electrochimica Acta*, **2017**, 246, 424-432	6.7	5
73	Boron-Enhanced Growth of Micron-Scale Carbon-Based Nanowalls: A Route toward High Rates of Electrochemical Biosensing. *ACS Applied Materials & Interfaces*, **2017**, 9, 12982-12992	9.5	54
72	Properties of Thermally Dewetted Thin Au Films on ITO-Coated Glass for Biosensing Applications. *Plasmonics*, **2017**, 12, 1939-1946	2.4	3
71	Nanostructuring of thin Au films deposited on ordered Ti templates for applications in SERS. *Applied Surface Science*, **2017**, 418, 472-480	6.7	15
70	Nanocrystalline cathode functional layer for SOFC. *Electrochimica Acta*, **2017**, 225, 168-174	6.7	12
69	The Influence of Calcium Glycerophosphate (GPCa) Modifier on Physicochemical, Mechanical, and Biological Performance of Polyurethanes Applicable as Biomaterials for Bone Tissue Scaffolds Fabrication. *Polymers*, **2017**, 9,	4.5	14
68	Distribution of relaxation times as a method of separation and identification of complex processes measured by impedance spectroscopy **2017**,		2
67	Fabrication and Significant Photoelectrochemical Activity of Titania Nanotubes Modified with Thin Indium Tin Oxide Film. *Acta Metallurgica Sinica (English Letters)*, **2017**, 30, 1210-1220	2.5	6
66	Controlling the size and morphology of precipitated calcite particles by the selection of solvent composition. *Journal of Crystal Growth*, **2017**, 478, 102-110	1.6	20
65	Novel inorganic xerogels doped with CaWO4:xDy: Synthesis, characterization and luminescence properties. *Materials Chemistry and Physics*, **2017**, 199, 166-172	4.4	6
64	Recurrent potential pulse technique for improvement of glucose sensing ability of 3D polypyrrole. *Measurement Science and Technology*, **2017**, 28, 074004	2	2
63	CGO as a barrier layer between LSCF electrodes and YSZ electrolyte fabricated by spray pyrolysis for solid oxide fuel cells. *Solid State Ionics*, **2017**, 302, 113-117	3.3	16
62	Determination of ionic conductivity in the Bi-Si-O and Pb-Si-O glasses. *Materials Science-Poland*, **2017**, 35, 681-686	0.6	2

61	Raman investigation of the patina layers on Hungarian copper ingots from a fifteenth century shipwreck. *Journal of Raman Spectroscopy*, **2016**, 47, 1528-1533	2.3	5
60	Synthesis and photoelectrochemical behaviour of hydrogenated titania nanotubes modified with conducting polymer infiltrated by redox active network. *Electrochimica Acta*, **2016**, 222, 1281-1292	6.7	10
59	The influence of nanostructure size on V2O5 electrochemical properties as cathode materials for lithium ion batteries. *RSC Advances*, **2016**, 6, 55689-55697	3.7	15
58	Structure and Thermoelectric Properties of Te-Ag-Ge-Sb (TAGS) Materials Obtained by Reduction of Melted Oxide Substrates. *Journal of Electronic Materials*, **2016**, 45, 1085-1093	1.9	15
57	Thermoelectric properties of bismuth antimony telluride alloys obtained by reduction of oxide reagents. *Materials Chemistry and Physics*, **2016**, 177, 353-359	4.4	10
56	Metal enhanced fluorescence of flavin mononucleotide using new plasmonic platform. *Optical Materials*, **2016**, 59, 136-140	3.3	9
55	Synthesis and structural properties of (Y, Sr)(Ti, Fe, Nb)O3 perovskite nanoparticles fabricated by modified polymer precursor method. *Solid State Sciences*, **2016**, 59, 1-6	3.4	5
54	Determination of the ionic conductivity of Sr-doped lanthanum manganite by modified Hebb Wagner technique. *Journal of Physics and Chemistry of Solids*, **2016**, 91, 163-169	3.9	7
53	Highly stable organic inorganic junction composed of hydrogenated titania nanotubes infiltrated by a conducting polymer. *RSC Advances*, **2016**, 6, 33101-33110	3.7	28
52	Low temperature growth of diamond films on optical fibers using Linear Antenna CVD system. *IOP Conference Series: Materials Science and Engineering*, **2016**, 104, 012025	0.4	1
51	Characterization of structural, thermal and mechanical properties of bismuth silicate glasses. *Journal of Non-Crystalline Solids*, **2016**, 439, 51-56	3.9	15
50	Semi-transparent ordered TiO2 nanostructures prepared by anodization of titanium thin films deposited onto the FTO substrate. *Applied Surface Science*, **2016**, 381, 36-41	6.7	16
49	Novel method for metal-oxide glass composite fabrication for use in thermoelectric devices. *Materials Research Bulletin*, **2016**, 76, 195-204	5.1	6
48	High Temperature Corrosion Evaluation of Porous Hastelloy X Alloy in Air and Humidified Hydrogen Atmospheres. *Journal of the Electrochemical Society*, **2016**, 163, C296-C302	3.9	1
47	Visible light activity of pulsed layer deposited BiVO4/MnO2 films decorated with gold nanoparticles: The evidence for hydroxyl radicals formation. *Applied Surface Science*, **2016**, 385, 199-208	6.7	53
46	Properties of ordered titanium templates covered with Au thin films for SERS applications. *Applied Surface Science*, **2016**, 388, 716-722	6.7	14
45	THE ROLE OF THIN FUNCTIONAL LAYERS IN SOLID OXIDE FUEL CELLS. *Electrochimica Acta*, **2016**, 204, 136-145	6.7	20
44	Electrochemical synthesis of 3D nano-/micro-structured porous polypyrrole. *Materials Letters*, **2016**, 183, 397-400	3.3	11

43	A modified weighted mixture model for the interpretation of spatial and temporal changes in the microbial communities in drinking water reservoirs using compositional phospholipid fatty acid data. *Talanta*, **2016**, 160, 148-156	6.2	
42	Phage-Directed Synthesis of Photoluminescent Zinc Oxide Nanoparticles under Benign Conditions. *Bioconjugate Chemistry*, **2016**, 27, 1999-2006	6.3	12
41	Titania nanotubes infiltrated with the conducting polymer PEDOT modified by Prussian blue – a novel type of organic–inorganic heterojunction characterised with enhanced photoactivity. *RSC Advances*, **2016**, 6, 76246-76250	3.7	11
40	Influence of electropolymerization conditions on the morphological and electrical properties of PEDOT film. *Electrochimica Acta*, **2015**, 176, 156-161	6.7	34
39	Structure and thermoelectric properties of Bi–Te alloys obtained by novel method of oxide substrates reduction. *Journal of Alloys and Compounds*, **2015**, 646, 1124-1132	5.7	14
38	Effect of some organic solvent–water mixtures composition on precipitated calcium carbonate in carbonation process. *Journal of Crystal Growth*, **2015**, 418, 25-31	1.6	19
37	Investigation of thin perovskite layers between cathode and doped ceria used as buffer layer in solid oxide fuel cells. *Journal of Solid State Electrochemistry*, **2015**, 19, 1807-1815	2.6	16
36	Facile preparation of extremely photoactive boron-doped TiO 2 nanotubes arrays. *Electrochemistry Communications*, **2015**, 60, 212-215	5.1	40
35	Tin oxide nanoparticles from laser ablation encapsulated in a carbonaceous matrix – a negative electrode in lithium-ion battery applications. *RSC Advances*, **2015**, 5, 84321-84327	3.7	11
34	Functionalization of indium-tin-oxide electrodes by laser-nanostructured gold thin films for biosensing applications. *Applied Surface Science*, **2015**, 357, 1684-1691	6.7	12
33	Electronic and ionic relaxations in strontium–borate glass and glass-ceramics containing bismuth and vanadium oxides. *Solid State Ionics*, **2015**, 282, 37-48	3.3	5
32	High temperature corrosion and corrosion protection of porous Ni22Cr alloys. *Surface and Coatings Technology*, **2015**, 261, 385-390	4.4	9
31	Nonlinear and linear impedance of bismuth vanadate ceramics and its relation to structural properties. *Solid State Ionics*, **2015**, 271, 86-90	3.3	4
30	Three electrode configuration measurements of electrolyte-diffusion barrier-cathode interface. *Journal of the Ceramic Society of Japan*, **2015**, 123, 268-273	1	8
29	Quantification of anthropogenic impact on groundwater-dependent terrestrial ecosystem using geochemical and isotope tools combined with 3-D flow and transport modelling. *Hydrology and Earth System Sciences*, **2015**, 19, 1015-1033	5.5	11
28	Enhanced photoelectrochemical and photocatalytic performance of iodine-doped titania nanotube arrays. *RSC Advances*, **2015**, 5, 50379-50391	3.7	59
27	Microstructure and electrical properties of manganese borosilicate glasses. *Journal of Non-Crystalline Solids*, **2015**, 423-424, 68-75	3.9	16
26	Thin layer of ordered boron-doped TiO2 nanotubes fabricated in a novel type of electrolyte and characterized by remarkably improved photoactivity. *Applied Surface Science*, **2015**, 357, 942-950	6.7	36

25	Investigation of catalytic layers on anode for solid oxide fuel cells operating with synthetic biogas. *Solid State Ionics*, **2015**, 271, 109-115	3.3	12
24	Thickness and structure change of titanium(IV) oxide thin films synthesized by the sol□gel spin coating method. *Optical Materials*, **2014**, 36, 1739-1744	3.3	22
23	Novel Functionalization of Boron-Doped Diamond by Microwave Pulsed-Plasma Polymerized Allylamine Film. *Journal of Physical Chemistry C*, **2014**, 118, 8014-8025	3.8	35
22	The Properties of Reduced Ge-Sb-O Glasses for Thermoelectric Devices. *Procedia Engineering*, **2014**, 98, 51-55		2
21	The Properties of Reduced Bi-Ge-O Glasses for Thermoelectric Devices. *Procedia Engineering*, **2014**, 98, 46-50		3
20	Microstructure and Dielectric Properties of Barium-vanadate Glasses. *Procedia Engineering*, **2014**, 98, 62-70		3
19	Correlation between structural and electrical properties in highly porous (Y,Sr)(Ti,Nb)O3□SOFC anodes. *Materials Science-Poland*, **2014**, 32, 331-340	0.6	2
18	Impedance Studies of Phosphate-iron Glasses Containing Niobium and Titanium. *Procedia Engineering*, **2014**, 98, 56-61		2
17	Phase Separation and Electrical Properties of Manganese Borosilicate Glasses. *Procedia Engineering* , **2014**, 98, 71-77		1
16	Aggregation of Rhodamine 6G in titanium dioxide nanolayers and bulk xerogels. *Optical Materials*, **2014**, 36, 1694-1697	3.3	1
15	Electronic conductivity in the SiO2□PbO□Fe2O3 glass containing magnetic nanostructures. *Solid State Ionics*, **2014**, 262, 801-805	3.3	7
14	Nanostructure and dielectric behavior of vanadate glasses containing BaTiO3. *Journal of Non-Crystalline Solids*, **2014**, 401, 202-206	3.9	11
13	Electrical properties and structure of lead-borate glass containing iron ions. *Solid State Ionics*, **2014**, 262, 837-840	3.3	9
12	Fetal membranes as a source of stem cells. *Advances in Medical Sciences*, **2013**, 58, 185-95	2.8	31
11	Investigation of functional layers of solid oxide fuel cell anodes for synthetic biogas reforming. *Solid State Ionics*, **2013**, 251, 70-77	3.3	14
10	Interactions between components of SrTi0.98Nb0.02O3□SZ and SrTi0.98Nb0.02O3□CeO2 composites. *Physica Status Solidi (A) Applications and Materials Science*, **2013**, 210, 538-545	1.6	9
9	Application of wet powder spraying for anode supported solid oxide fuel cell with a perovskite SrTi0.98Nb0.02O3□anode. *Physica Status Solidi (A) Applications and Materials Science*, **2013**, 210, 2736-2741	1.6	1
8	Urologic de novo malignancies after kidney transplantation: a single center experience. *Transplantation Proceedings*, **2012**, 44, 1293-7	1.1	17

7	Solid oxide fuel cells with Ni-infiltrated perovskite anode. *Solid State Ionics*, **2012**, 221, 11-14	3.3	22
6	Microstructural and electrical properties of Y0.07Sr0.93-x TiO3-δ perovskite ceramics. *Open Physics*, **2012**, 10,	1.3	2
5	Donor-substituted SrTi1+xO3±δ anodes for SOFC. *Solid State Ionics*, **2012**, 225, 118-123	3.3	13
4	The comparison of SrTi0.98Nb0.02O3–δ CeO2 and SrTi0.98Nb0.02O3–δ YSZ composites for use in SOFC anodes. *Journal of Electroceramics*, **2012**, 28, 132-138	1.5	13
3	Skin cancer following kidney transplantation: a single-center experience. *Transplantation Proceedings*, **2011**, 43, 3760-1	1.1	9
2	Electrical and structural properties of Nb-doped SrTiO3 ceramics. *Journal of Electroceramics*, **2010**, 24, 326-330	1.5	56
1	Electrical properties of Y0.08Sr0.92Ti0.92Nb0.08 O3±δ after reduction in different reducing conditions. *Journal of Alloys and Compounds*, **2009**, 473, 496-499	5.7	13