Aivaras Kareiva

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6881537/publications.pdf

Version: 2024-02-01

272	5,149	117625	161849
papers	citations	34 h-index	54 g-index

281	281	281	4854
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low temperature synthesis of nanocrystalline Y3Al5O12 (YAG) and Ce-doped Y3Al5O12 via different solâ€“gel methods. Journal of Materials Chemistry, 1999, 9, 3069-3079.	6.7	280
2	Effect of processing conditions on the crystallinity and structure of carbonated calcium hydroxyapatite (CHAp). CrystEngComm, 2014, 16, 3950.	2.6	121
3	Synthesis and optical properties of Ce3+-doped Y3Mg2AlSi2O12 phosphors. Journal of Luminescence, 2009, 129, 1356-1361.	3.1	118
4	Calcium hydroxyapatite, Ca10(PO4)6(OH)2 ceramics prepared by aqueous solâ€“gel processing. Materials Research Bulletin, 2006, 41, 1754-1762.	5.2	103
5	Synthesis and optical properties of Li3Ba2La3(MoO4)8:Eu3+ powders and ceramics for pcLEDs. Journal of Materials Chemistry, 2012, 22, 22126.	6.7	95
6	Processing and characterization of solâ€“gel fabricated mixed metal aluminates. Ceramics International, 2005, 31, 1123-1130.	4.8	79
7	On the synthesis and characterization of iron-containing garnets (Y3Fe5O12, YIG and Fe3Al5O12, IAG). Chemical Physics, 2006, 323, 204-210.	1.9	73
8	Dependence of the 5D0â†'7F4 transitions of Eu3+ on the local environment in phosphates and garnets. Journal of Luminescence, 2014, 147, 290-294.	3.1	71
9	Carboxylate-Substituted Alumoxanes as Processable Precursors to Transition Metalâ^'Aluminum and Lanthanideâ^'Aluminum Mixed-Metal Oxides:Â Atomic Scale Mixing via a New Transmetalation Reaction. Chemistry of Materials, 1996, 8, 2331-2340.	6.7	70
10	Spectroscopic evaluation and characterization of different historical writing inks. Vibrational Spectroscopy, 2005, 37, 61-67.	2.2	66
11	Y3â^'xMg2AlSi2O12: phosphors â€“ prospective for warm-white light emitting diodes. Optical Materials, 2010, 32, 1261-1265.	3.6	65
12	Sol-gel synthesized far-red chromium-doped garnet phosphors for phosphor-conversion light-emitting diodes that meet the photomorphogenetic needs of plants. Applied Optics, 2014, 53, 907.	1.8	64
13	A comparative study of co-precipitation and sol-gel synthetic approaches to fabricate cerium-substituted Mg Al layered double hydroxides with luminescence properties. Applied Clay Science, 2017, 143, 175-183.	5.2	64
14	Photoluminescence in solâ€“gel-derived YAG:Ce phosphors. Journal of Crystal Growth, 2007, 304, 361-368.	1.5	61
15	Synthesis of garnet structure compounds using aqueous solâ€“gel processing. Optical Materials, 2004, 26, 123-128.	3.6	60
16	Luminescent properties of rare earth (Er, Yb) doped yttrium aluminium garnet thin films and bulk samples synthesised by an aqueous solâ€“gel technique. Journal of the European Ceramic Society, 2010, 30, 1707-1715.	5.7	60
17	Synthesis and characterization of layered double hydroxides with different cations (Mg, Co, Ni, Al), decomposition and reformation of mixed metal oxides to layered structures. Open Chemistry, 2011, 9, 275-282.	1.9	58
18	Solâ€“gel synthesis of calcium phosphate-based biomaterialsâ€”A review of environmentally benign, simple, and effective synthesis routes. Journal of Sol-Gel Science and Technology, 2020, 94, 551-572.	2.4	52

#	Article	IF	Citations
19	Sol-gel synthesis and characterization of barium titanate powders. Journal of Materials Science, 1999, 34, 4853-4857.	3.7	50
20	Synthesis and optical properties of yellow emitting garnet phosphors for pcLEDs. Journal of Luminescence, 2013, 136, 17-25.	3.1	50
21	Yttrium-doped alumoxanes: Achimie douce route to Y3Al5O12(YAG) and Y4A12O9 (YAM). Advanced Materials, 1997, 9, 68-71.	21.0	49
22	Evidence of the formation of mixed-metal garnets via solâ€“gel synthesis. Optical Materials, 2003, 22, 241-250.	3.6	48
23	Kinetically controlled synthesis of metastable YAlO3 through molecular level design. Journal of Materials Chemistry, 2004, 14, 3259.	6.7	48
24	Solâ€“gel synthesis of superconducting YBa2Cu4O8using acetate and tartrate precursors. Journal of Materials Chemistry, 1994, 4, 1267-1270.	6.7	47
25	Solâ€“gel (combustion) synthesis and characterization of different alkaline earth metal (Ca, Sr, Ba) stannates. Journal of Sol-Gel Science and Technology, 2012, 64, 643-652.	2.4	47
26	Characterization of solâ€“gel process in the Yâ€“Baâ€“Cuâ€“O acetateâ€“tartrate system using IR spectroscopy. Vibrational Spectroscopy, 2002, 28, 263-275.	2.2	46
27	Synthesis of nanocrystalline gadolinium doped ceria via solâ€“gel combustion and solâ€“gel synthesis routes. Ceramics International, 2016, 42, 3972-3988.	4.8	46
28	Aqueous sol-gel synthesis route for the preparation of YAG: Evaluation of sol-gel process by mathematical regression model. Journal of Sol-Gel Science and Technology, 2007, 41, 193-201.	2.4	45
29	Magnetic nanosized rare earth iron garnets R3Fe5O12: Solâ€“gel fabrication, characterization and reinspection. Journal of Magnetism and Magnetic Materials, 2017, 422, 425-433.	2.3	45
30	Synthesis and optical properties of green emitting garnet phosphors for phosphor-converted light emitting diodes. Optical Materials, 2012, 34, 1195-1201.	3.6	44
31	Historical hematite pigment: Synthesis by an aqueous solâ€“gel method, characterization and application for the colouration of ceramic glazes. Ceramics International, 2015, 41, 4504-4513.	4.8	43
32	Synthesis and photoluminescence properties of Sm3+-doped LaMgB5O10 and GdMgB5O10. Journal of Luminescence, 2011, 131, 1525-1529.	3.1	39
33	On the correlation between the composition of Pr3+ doped garnet type materials and their photoluminescence properties. Journal of Luminescence, 2011, 131, 2754-2761.	3.1	37
34	Solâ€“gel preparation and characterization of gadolinium aluminate. Materials Chemistry and Physics, 2007, 102, 105-110.	4.0	35
35	Characterization of sol-gel processing of calcium phosphate thin films on silicon substrate by FTIR spectroscopy. Vibrational Spectroscopy, 2016, 85, 16-21.	2.2	35
36	Photoluminescence of Pr 3+ -doped calcium and strontium stannates. Journal of Luminescence, 2016, 172, 323-330.	3.1	35

#	Article	IF	Citations
37	Sonication accelerated formation of Mg-Al-phosphate layered double hydroxide via sol-gel prepared mixed metal oxides. Scientific Reports, 2019, 9, 10419.	3.3	35
38	Controllable synthesis of tricalcium phosphate (TCP) polymorphs by wet precipitation: Effect of washing procedure. Ceramics International, 2019, 45, 12423-12428.	4.8	35
39	Sol-Gel Preparation and Characterization of Codoped Yttrium Aluminium Garnet Powders. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2987-2993.	1.2	34
40	Synthesis and optical properties of green to orange tunable garnet phosphors for pcLEDs. Optical Materials, 2011, 33, 992-995.	3.6	34
41	Sol-gel synthesis, characterization and application of selected sub-microsized lanthanide (Ce, Pr, Nd,) Tj ETQq1 1 0.784314 rgBT /Ove	3.7	34
42	Synthesis and Structure of Europium Aluminium Garnet (EAG). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 990-993.	1.2	33
43	Synthesis and characterization of iron-doped/substituted calcium hydroxyapatite from seashells Macoma balthica (L.). Advanced Powder Technology, 2015, 26, 1287-1293.	4.1	32
44	Sol-gel derived porous and hydrophilic calcium hydroxyapatite coating on modified titanium substrate. Surface and Coatings Technology, 2016, 307, 935-940.	4.8	32
45	Impact of Gadolinium on the Structure and Magnetic Properties of Nanocrystalline Powders of Iron Oxides Produced by the Extraction-Pyrolytic Method. Materials, 2020, 13, 4147.	2.9	32
46	Nanoscale ferroelectricity in pseudo-cubic sol-gel derived barium titanate - bismuth ferrite (BaTiO3â€“) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.5	32
47	Synthesis and Sm2+/Sm3+ doping effects on photoluminescence properties of Sr4Al14O25. Journal of Luminescence, 2011, 131, 2255-2262.	3.1	31
48	Solâ€“gel synthesis and investigation of un-doped and Ce-doped strontium aluminates. Ceramics International, 2012, 38, 5915-5924.	4.8	31
49	Chemical solution deposition of pure and Gd-doped ceria thin films: Structural, morphological and optical properties. Ceramics International, 2017, 43, 4280-4287.	4.8	31
50	Influence of Complexing Agents on Properties of YBa2Cu4O8Superconductors Prepared by the Sol-Gel Method. Journal of Solid State Chemistry, 1996, 121, 356-361.	2.9	30
51	Efficient cerium-based solâ€“gel derived phosphors in different garnet matrices for light-emitting diodes. Journal of Alloys and Compounds, 2011, 509, 6247-6251.	5.5	30
52	Luminescence properties of Sm3+-doped alkaline earth ortho-stannates. Optical Materials, 2014, 36, 1146-1152.	3.6	30
53	On the synthesis of yttria-stabilized zirconia: a comparative study. Journal of Sol-Gel Science and Technology, 2015, 76, 309-319.	2.4	30
54	Methylâ€“modified hybrid organic-inorganic coatings for the conservation of copper. Journal of Cultural Heritage, 2014, 15, 242-249.	3.3	29

#	Article	IF	Citations
55	Solâ€“gel and sonochemically derived transition metal (Co, Ni, Cu, and Zn) chromites as pigments: A comparative study. Ceramics International, 2016, 42, 9402-9412.	4.8	29
56	Zinc and chromium co-doped calcium hydroxyapatite: Sol-gel synthesis, characterization, behaviour in simulated body fluid and phase transformations. Journal of Solid State Chemistry, 2020, 284, 121202.	2.9	29
57	CHARACTERIZATION OF CERIUM-DOPED YTTRIUM ALUMINIUM GARNET NANOPOWDERS SYNTHESIZED VIA SOL-GEL PROCESS. Chemical Engineering Communications, 2008, 195, 758-769.	2.6	28
58	Solâ€“gel derived Tb3Fe5O12 and Y3Fe5O12 garnets: Synthesis, phase purity, micro-structure and improved design of morphology. Journal of Alloys and Compounds, 2015, 647, 189-197.	5.5	28
59	Approaching Highly Leaching-Resistant Fire-Retardant Wood by In Situ Polymerization with Melamine Formaldehyde Resin. ACS Omega, 2021, 6, 12733-12745.	3.5	28
60	Spectroscopic analysis of blue cobalt smalt pigment. Vibrational Spectroscopy, 2010, 52, 158-162.	2.2	27
61	Solâ€“gel synthesis and characterization of sub-microsized lanthanide (Ho, Tm, Yb, Lu) aluminium garnets. Optical Materials, 2011, 33, 1179-1184.	3.6	27
62	On the modelling of solid state reactions.Synthesis of YAG. Journal of Mathematical Chemistry, 2005, 37, 365-376.	1.5	25
63	Heterogeneous Fenton Oxidation Using Magnesium Ferrite Nanoparticles for Ibuprofen Removal from Wastewater: Optimization and Kinetics Studies. Journal of Nanomaterials, 2020, 2020, 1-9.	2.7	25
64	On the characterization of BiMO2NO3 (M=Pb, Ca, Sr, Ba) materials related with the SillÃ©n X1 structure. Journal of Solid State Chemistry, 2004, 177, 3610-3615.	2.9	24
65	Low-temperature synthesis and characterization of yttriumâ€“gallium garnet Y3Ga5O12 (YGG). Materials Research Bulletin, 2005, 40, 439-446.	5.2	24
66	Solid-State NMR Study of Hydroxyapatite Containing Amorphous Phosphate Phase and Nanostructured Hydroxyapatite: Cut-Off Averaging of CP-MAS Kinetics and Size Profiles of Spin Clusters. Journal of Physical Chemistry C, 2014, 118, 28914-28921.	3.1	24
67	Thermally Induced Crystallization and Phase Evolution of Amorphous Calcium Phosphate Substituted with Divalent Cations Having Different Sizes. Crystal Growth and Design, 2021, 21, 1242-1248.	3.0	24
68	The study of preparation and photoelectrical properties of chemical bath deposited Zn, Sb and Ni-doped CuInS2 films for hydrogen production. Solar Energy, 2012, 86, 2584-2591.	6.1	23
69	Preparation of Mg/Al layered double hydroxide (LDH) with structurally embedded molybdate ions and application as a catalyst for the synthesis of 2-adamantylidene(phenyl)amine Schiff base. Polyhedron, 2014, 68, 340-345.	2.2	23
70	Europiumâ€“enabled luminescent single crystal and bulk YAG and YGG for optical imaging. Optical Materials, 2016, 60, 467-473.	3.6	23
71	Characterization of Sol-Gel Derived Calcium Hydroxyapatite Coatings Fabricated on Patterned Rough Stainless Steel Surface. Coatings, 2019, 9, 334.	2.6	23
72	Sol-gel synthesis and characterization of hybrid inorganic-organic Tb(III)-terephthalate containing layered double hydroxides. Optical Materials, 2018, 80, 186-196.	3.6	22

#	Article	IF	Citations
73	Fe and Zn co-substituted beta-tricalcium phosphate (Î²-TCP): Synthesis, structural, magnetic, mechanical and biological properties. Materials Science and Engineering C, 2020, 112, 110918.	7.3	22
74	Sol-gel synthesis, structural, morphological and magnetic properties of BaTiO3â€“BiMnO3 solid solutions. Ceramics International, 2020, 46, 16459-16464.	4.8	22
75	Dissolutionâ€“Precipitation Synthesis and Characterization of Zinc Whitlockite with Variable Metal Content. ACS Biomaterials Science and Engineering, 2021, 7, 3586-3593.	5.2	22
76	Synthesis and characterization of solâ€“gel derived calcium hydroxyapatite thin films spin-coated on silicon substrate. Ceramics International, 2015, 41, 7421-7428.	4.8	21
77	Optical absorption and Raman studies of neutron-irradiated Gd3Ga5O12 single crystals. Nuclear Instruments & Methods in Physics Research B, 2018, 435, 306-312.	1.4	21
78	A novel synthetic approach to low-crystallinity calcium deficient hydroxyapatite. Ceramics International, 2019, 45, 15620-15623.	4.8	21
79	Luminescence and vacuum ultraviolet excitation spectroscopy of samarium doped SrB4O7. Journal of Alloys and Compounds, 2020, 826, 154205.	5.5	21
80	Evolution of the crystal structure and magnetic properties of Sm-doped BiFeO3 ceramics across the phase boundary region. Ceramics International, 2021, 47, 5399-5406.	4.8	21
81	Sol-gel synthesis and superconducting properties of HgBa2CaCu2O6+Î´. Physica C: Superconductivity and Its Applications, 1995, 251, 115-125.	1.2	20
82	On the solâ€“gel preparation of different tungstates and molybdates. Journal of Thermal Analysis and Calorimetry, 2011, 105, 3-11.	3.6	20
83	Calcium hydroxyapatite/whitlockite obtained from dairy products: Simple, environmentally benign and green preparation technology. Ceramics International, 2014, 40, 12717-12722.	4.8	20
84	Wet chemical determination of the oxygen content in YBa2Cu4Ozsamples synthesized by various methods. Superconductor Science and Technology, 1995, 8, 673-675.	3.5	19
85	Sol-gel synthesis and characterization of superconducting (Y1â^'xEux)Ba2(Cu1â^'y 57Fey)4O8 samples. Journal of Alloys and Compounds, 1995, 225, 586-590.	5.5	19
86	Solâ€“gel preparation and characterization of manganese-substituted superconducting YBa2(Cu1â^'xMnx)4O8 compounds. Journal of the European Ceramic Society, 2001, 21, 399-408.	5.7	19
87	Low-temperature synthesis of lutetium gallium garnet (LGG) using solâ€“gel technique. Materials Letters, 2008, 62, 1655-1658.	2.6	19
88	Concentration influence on temperature-dependent luminescence properties of samarium substituted strontium tetraborate. Journal of Luminescence, 2012, 132, 141-146.	3.1	19
89	Solâ€“gel synthesis of calcium hydroxyapatite thin films on quartz substrate using dip-coating and spin-coating techniques. Journal of Sol-Gel Science and Technology, 2014, 71, 437-446.	2.4	19
90	Tailoring bifunctional hybrid organicâ€“inorganic nanoadsorbents by the choice of functional layer composition probed by adsorption of Cu2+ ions. Beilstein Journal of Nanotechnology, 2017, 8, 334-347.	2.8	19

#	Article	IF	Citations
91	Transition metal substitution effects in sol-gel derived Mg3-xMx/Al1 (M = Mn, Co, Ni, Cu, Zn) layered double hydroxides. Materials Chemistry and Physics, 2019, 237, 121863.	4.0	19
92	Study of different chemical methods to prepare ceramic high-temperature superconductors. Superconductor Science and Technology, 1998, 11, 82-87.	3.5	18
93	Sol-gel preparation and electrical behaviour of Ln: YAG (Ln = Ce, Nd, Ho, Er). Journal of the Serbian Chemical Society, 2003, 68, 677-684.	0.8	18
94	Solâ€“gel preparation of selected lanthanide aluminium garnets. Journal of Sol-Gel Science and Technology, 2010, 55, 213-219.	2.4	18
95	Fabrication of a composite of nanocrystalline carbonated hydroxyapatite (cHAP) with polylactic acid (PLA) and its surface topographical structuring with direct laser writing (DLW). RSC Advances, 2016, 6, 72733-72743.	3.6	18
96	Fabrication and investigation of high-quality glass-ceramic (GC)â€“polymethyl methacrylate (PMMA) composite for regenerative medicine. RSC Advances, 2017, 7, 33558-33567.	3.6	18
97	A novel wet polymeric precipitation synthesis method for monophasic Î²-TCP. Advanced Powder Technology, 2017, 28, 2325-2331.	4.1	18
98	Study of gadolinium substitution effects in hexagonal yttrium manganite YMnO3. Scientific Reports, 2021, 11, 2875.	3.3	18
99	Low temperature synthesis and characterization of strontium stannateâ€“titanate ceramics. Materials Chemistry and Physics, 2011, 130, 1246-1250.	4.0	17
100	Thermoanalytical study of the YSZ precursors prepared by aqueous solâ€“gel synthesis route. Journal of Thermal Analysis and Calorimetry, 2012, 110, 77-83.	3.6	17
101	SnO2 thin films from an aqueous citrato peroxo Sn(IV) precursor. Journal of Sol-Gel Science and Technology, 2012, 62, 57-64.	2.4	17
102	On the Reconstruction Peculiarities of Solâ€“Gel Derived Mg2â^'xMx/Al1 (M = Ca, Sr, Ba) Layered Double Hydroxides. Crystals, 2020, 10, 470.	2.2	17
103	Syntheses and Characterisation of Gd3Al5O12 and La3Al5O12 Garnets. Collection of Czechoslovak Chemical Communications, 2007, 72, 321-333.	1.0	16
104	On the limitary radius of garnet structure compounds Y3Al5â^'M O12 (MÂ=ÂCr, Co, Mn, Ni, Cu) and Y3Fe5â^'Co O12 (0Ââ‰ÂxÂâ‰Â2.75) synthesized by solâ€“gel method. Materials Chemistry and Physics, 2012, 135, 479-485.	4.0	16
105	Eu3+ - Doped Ln3Al5O12 (Ln = Er, Tm, Yb, Lu) garnets: Synthesis, characterization and investigation of structural and luminescence properties. Journal of Luminescence, 2019, 212, 14-22.	3.1	16
106	A Facile Synthesis and Characterization of Highly Crystalline Submicro-Sized BiFeO3. Materials, 2020, 13, 3035.	2.9	16
107	Effect of Mn doping on hydrolysis of low-temperature synthesized metastable alpha-tricalcium phosphate. Ceramics International, 2021, 47, 12078-12083.	4.8	16
108	Formation peculiarities of iron (III) acetate: potential precursor for iron metal-organic frameworks (MOFs). Lithuanian Journal of Physics, 2016, 56, .	0.4	16

#	Article	IF	Citations
109	Iron substitution effects in YBa2Cu4O8synthesized by the sol-gel technique. Superconductor Science and Technology, 1995, 8, 79-84.	3.5	15
110	Dielectric and Impedance Spectroscopy of BaSnO₃and Ba₂SnO₄. Ferroelectrics, 2014, 464, 49-58.	0.6	15
111	Application of solâ€“gel method for the conservation of copper alloys. Microchemical Journal, 2016, 124, 623-628.	4.5	15
112	Sol-gel combustion synthesis of high-quality chromium-doped mixed-metal garnets Y3Ga5O12 and Gd3Sc2Ga3O12. Journal of Alloys and Compounds, 2018, 739, 504-509.	5.5	15
113	Cast iron corrosion protection with chemically modified Mg Al layered double hydroxides synthesized using a novel approach. Surface and Coatings Technology, 2019, 375, 158-163.	4.8	15
114	Undoped and Eu3+ Doped Magnesium-Aluminium Layered Double Hydroxides: Peculiarities of Intercalation of Organic Anions and Investigation of Luminescence Properties. Materials, 2019, 12, 736.	2.9	15
115	Superconductivity in HgBa2Ca2Cu3O8 + Î´ synthesized by different methods. Materials Research Bulletin, 1995, 30, 1207-1216.	5.2	14
116	Oxygen content and superconducting properties of Hg-based superconductors synthesized by solâ€“gel method. Journal of Physics and Chemistry of Solids, 2000, 61, 789-797.	4.0	14
117	Solâ€“gel chemistry approach in the preparation of precursors for the substituted superconducting oxides. Journal of Non-Crystalline Solids, 2002, 311, 250-258.	3.1	14
118	Synthesis and characterization of spherical amorphous alumo-silicate nanoparticles using RF thermal plasma method. Journal of Non-Crystalline Solids, 2013, 359, 9-14.	3.1	14
119	Eu³⁺-Doped Y_{3â^'x}Nd_xAl₃O₁₂ garnet: synthesis and structural investigation. Physical Chemistry Chemical Physics, 2017, 19, 3729-3737.	2.8	14
120	Eu³⁺-Doped Y_{3â^'x}Sm_xAl₅O₁₂ garnet: synthesis and structural investigation. New Journal of Chemistry, 2018, 42, 2278-2287.	2.8	14
121	Solâ€“Gel Synthesis and Characterization of Coatings of Mg-Al Layered Double Hydroxides. Materials, 2019, 12, 3738.	2.9	14
122	A novel synthesis route to the mercury-containing superconductor HgBa2CaCu2O6+Î´partly based on the solâ€“gel technique. Journal of Materials Chemistry, 1995, 5, 885-887.	6.7	13
123	A comparative study of YBa2Cu4O8 (Y-124) superconductors prepared by a solâ€“gel method. Chemical Physics, 2006, 327, 220-228.	1.9	13
124	Luminescence properties of Ln 3+ â€“doped (Ce 3+ , Eu 3+ , Tb 3+ or Er 3+) Mixedâ€“Metals Y 3 (Al,In) 5 O 12 and Y 3 Al 4.75 Cr 0.25 O 12 garnets synthesized by Solâ€“Gel method. Materials Chemistry and Physics, 2016, 170, 229-238.	4.0	13
125	Study of Eu3+ and Tm3+ substitution effects in solâ€“gel fabricated calcium hydroxyapatite. Journal of Sol-Gel Science and Technology, 2017, 81, 261-267.	2.4	13
126	Bi-substituted Mg3Alâ€“CO3 layered double hydroxides. Journal of Sol-Gel Science and Technology, 2018, 85, 221-230.	2.4	13

#	Article	IF	Citations
127	Everything old is new again: a reinspection of solid-state method for the fabrication of high quality calcium hydroxyapatite bioceramics. Mendeleev Communications, 2019, 29, 273-275.	1.6	13
128	A novel synthetic approach for the calcium hydroxyapatite from the food products. Journal of Sol-Gel Science and Technology, 2019, 91, 63-71.	2.4	13
129	Enhancement of Tc by substituting strontium for barium in the YBa2Cu4O8 superconductor prepared by a solâ€“gel method. Physica C: Superconductivity and Its Applications, 1998, 307, 209-220.	1.2	12
130	Sol-gel synthesis and characterization of mixed-metal garnet Y3ScAl3GaO12 (YSAGG). Journal of Materials Science Letters, 2003, 22, 349-351.	0.5	12
131	Sol-gel preparation and characterization of non-substituted and Sr-substituted lanthanum cobaltates. Open Chemistry, 2008, 6, 456-464.	1.9	12
132	Dielectric and Conductive Properties of Hydrotalcite. Ferroelectrics, 2011, 417, 136-142.	0.6	12
133	Solâ€“gel synthesis, phase composition, morphological and structural characterization of Ca10(PO4)6(OH)2: XRD, FTIR, SEM, 3D SEM and solid-state NMR studies. Journal of Molecular Structure, 2016, 1119, 1-11.	3.6	12
134	Preparation by different methods and analytical characterization of gadolinium-doped ceria. Chemical Papers, 2018, 72, 129-138.	2.2	12
135	Induced neodymium luminescence in solâ€“gel derived layered double hydroxides. Mendeleev Communications, 2018, 28, 493-494.	1.6	12
136	Europium substitution effects in superconductingYBa2Cu4O8synthesized under one atmosphere oxygen pressure. Physical Review B, 1994, 50, 4154-4158.	3.2	11
137	Pressure effect in the Hg-based superconductors:â€‚A structural study. Physical Review B, 1998, 57, 13922-13928.	3.2	11
138	Synthesis and evolution of crystalline garnet phases in Y3Sc5â€“xGaxO12. Philosophical Magazine Letters, 2005, 85, 557-562.	1.2	11
139	pH impact on the sol-gel preparation of calcium hydroxyapatite, Ca10(PO4)6(OH)2, using a novel complexing agent, DCTA. Open Chemistry, 2010, 8, 1323-1330.	1.9	11
140	Reconstitution effect of Mg/Ni/Al layered double hydroxide. Materials Letters, 2011, 65, 388-391.	2.6	11
141	Controllable formation of high density SERS-active silver nanoprism layers on hybrid silica-APTES coatings. Applied Surface Science, 2016, 377, 134-140.	6.1	11
142	Ga-Substituted Cobalt-Chromium Spinels as Ceramic Pigments Produced by Solâ€“Gel Synthesis. Crystals, 2020, 10, 1078.	2.2	11
143	The influence of Fe³⁺ doping on thermally induced crystallization and phase evolution of amorphous calcium phosphate. CrystEngComm, 2021, 23, 4627-4637.	2.6	11
144	Cr3+ doped yttrium gallium garnet for phosphor-conversion light emitting diodes. Lithuanian Journal of Physics, 2015, 55, .	0.4	11

#	Article	IF	Citations
145	Synthesis, structural and luminescent properties of Mn-doped calcium pyrophosphate (Ca2P2O7) polymorphs. Scientific Reports, 2022, 12, 7116.	3.3	11
146	Solâ€“gel synthesis and properties of YBa2(Cu1â^'xMx)4Oy (M=Co, Ni) and effects of additional replacement of yttrium by calcium. Solid State Sciences, 1999, 1, 259-268.	0.7	10
147	Protective coating for paper: new development and analytical characterization. Journal of Cultural Heritage, 2005, 6, 245-251.	3.3	10
148	Study of alumosilicate porcelains: Solâ€“gel preparation, characterization and erosion evaluated by gravimetric method. Materials Research Bulletin, 2008, 43, 2998-3007.	5.2	10
149	On the solâ€“gel fabrication and characterization of undoped and cerium-doped Sr4Al14O25. Journal of Alloys and Compounds, 2014, 614, 44-48.	5.5	10
150	Surface functionalization of ceramic membranes with 3-aminopropyl groups using the sol-gel method. Protection of Metals and Physical Chemistry of Surfaces, 2016, 52, 55-60.	1.1	10
151	Environmentally benign fabrication of calcium hydroxyapatite using seashells collected in Baltic Sea countries: A comparative study. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 919-925.	1.6	10
152	Feasibility evaluation of low-crystallinity Î²-tricalcium phosphate blocks as a bone substitute fabricated by a dissolutionâ€“precipitation reaction from Î±-tricalcium phosphate blocks. Journal of Biomaterials Applications, 2018, 33, 259-270.	2.4	10
153	Ferromagnetic-like behavior of Bi0.9La0.1FeO3â€“KBr nanocomposites. Scientific Reports, 2019, 9, 10417.	3.3	10
154	Novel synthetic approach to the preparation of single-phase BixLa1â^'xMnO3+Î´ solid solutions. Journal of Sol-Gel Science and Technology, 2020, 93, 650-656.	2.4	10
155	Pressure induced phase transitions in Sm-doped BiFeO3 in the morphotropic phase boundary. Materials Chemistry and Physics, 2022, 277, 125458.	4.0	10
156	Nonstoichiometry of Zinc Selenide. Journal of Solid State Chemistry, 1993, 102, 1-3.	2.9	9
157	Influence of calcium substitution on the formation and thermal stability of the YBa2Cu4O8 superconductor. Thermochimica Acta, 1999, 340-341, 407-416.	2.7	9
158	Modified sol-gel coatings for biotechnological applications. Journal of Physics: Conference Series, 2007, 93, 012050.	0.4	9
159	Aqueous Sol-Gel Synthesis Methods for the Preparation of Garnet Crystal Structure Compounds. Medziagotyra, 2011, 17, .	0.2	9
160	Thermoanalytical (TG/DSC/EVGâ€“GCâ€“MS) characterization of the lanthanide (Ho) iron garnet formation in solâ€“gel. Journal of Thermal Analysis and Calorimetry, 2017, 130, 1085-1094.	3.6	9
161	On the Synthesis and Characterization of Lanthanide Metal-Organic Frameworks. Ceramics, 2018, 1, 54-64.	2.6	9
162	Temperature-Induced Structural Transformations in Undoped and Eu³⁺-Doped Ruddlesdenâ€“Popper Phases Sr₂SnO₄ and Sr₃Sn₂O₇: Relation to the Impedance and Luminescence Behaviors. Inorganic Chemistry, 2019, 58, 11410-11419.	4.0	9

#	Article	IF	Citations
163	Wet-chemistry synthesis of shape-controlled Ag3PO4 crystals and their 3D surface reconstruction from SEM imagery. Powder Technology, 2019, 345, 26-34.	4.2	9
164	Sol-gel synthesis and study of praseodymium substitution effects in yttrium aluminium garnet Y3-xPrxAl5O12. Optical Materials, 2021, 111, 110586.	3.6	9
165	An Insight into Nano Silver Fluoride-Coated Silk Fibroin Bioinspired Membrane Properties for Guided Tissue Regeneration. Polymers, 2021, 13, 2659.	4.5	9
166	Solid-state ¹H and ³¹P NMR and FTIR spectroscopy study of static and dynamic structures in sol-gel derived calcium hydroxyapatites. Lithuanian Journal of Physics, 2015, 55, .	0.4	9
167	Crystal Structure and Concentration-Driven Phase Transitions in Lu(1â^'x)ScxFeO3 (0 â‰¤ x â‰¤ 1) Prepared by the Solâ€“Gel Method. Materials, 2022, 15, 1048.	2.9	9
168	Thermogravimetric analysis â€" a powerful tool for the refinement of the synthesis process of Hg-based superconductors. Talanta, 2000, 52, 189-199.	5.5	8
169	Sol-Gel Synthesis Route for the Preparation of Y(Ba1â^'x Sr x)2Cu4O8 Superconducting Oxides. Journal of Sol-Gel Science and Technology, 2002, 24, 57-68.	2.4	8
170	Computational modelling of the YAG synthesis. Journal of Mathematical Chemistry, 2009, 46, 427-442.	1.5	8
171	Sol-Gel Synthesis and Characterization of Selected Transition Metal Nano-Ferrites. Medziagotyra, 2011, 17, .	0.2	8
172	Solâ€“gel preparation and characterization of non-substituted and Sr-substituted gadolinium cobaltates. Materials Chemistry and Physics, 2011, 125, 469-473.	4.0	8
173	Synthesis of YSZ thin films by the novel aqueous solâ€“gel citrate-precursor method. Solid State Ionics, 2012, 225, 73-76.	2.7	8
174	Investigations of near IR photoluminescence properties in TiO2:Nd,Yb materials using hyperspectral imaging methods. Journal of Luminescence, 2013, 140, 57-64.	3.1	8
175	Organic-free synthesis of nanostructured SnO2 thin films by chemical solution deposition. Thin Solid Films, 2018, 649, 219-224.	1.8	8
176	Formation of calcium hydroxyapatite with high concentration of homogeneously distributed silver. Microporous and Mesoporous Materials, 2020, 293, 109806.	4.4	8
177	Solâ€“gel processing of calcium hydroxyapatite thin films on silicon nitride (Si3N4) substrate. Journal of Sol-Gel Science and Technology, 2017, 83, 268-274.	2.4	8
178	A thermogravimetric study of the stability and reduction of the precursors for mercury-based superconductors. Thermochimica Acta, 1997, 298, 155-159.	2.7	7
179	Effect of strontium substitution on superconductivity in YBa 2 Cu 4 O 8. Philosophical Magazine, 2003, 83, 1917-1927.	1.6	7
180	Synthesis and evolution of crystalline garnet phases in Y₃Al_{5-x}In_xO₁₂. Journal of Physics: Conference Series, 2007, 93, 012003.	0.4	7

#	Article	IF	Citations
181	Neodymium substitution effects in solâ€“gel derived Y3â^'xNdxAl5O12. Materials Chemistry and Physics, 2012, 137, 660-664.	4.0	7
182	The study of thermochromic and thermo-optical properties of solâ€“gel V1â^'xâ^'y WxSiyO2 films by response surface method. Journal of the Taiwan Institute of Chemical Engineers, 2016, 69, 151-155.	5.3	7
183	Multiferroic Bi 0.65 La 0.35 Fe 0.5 Sc 0.5 O 3 perovskite: Magnetic and thermodynamic properties. Journal of Magnetism and Magnetic Materials, 2017, 429, 177-181.	2.3	7
184	Solâ€“gel synthesis, characterization and application of lanthanide-doped cobalt chromites (CoCr2â€“xLnxO4; Lnâ€¯=â€¯Tm3+ and Yb3+). Journal of the European Ceramic Society, 2018, 38, 3361-3368.	5.7	7
185	On the Samarium Substitution Effects in Y3â^'xSm x Al5O12 (xâ€‰=â€‰0.1â€“3.0). Journal of Electronic Materials, 2018, 47, 3951-3956.	2.2	7
186	Determination of Trace Elements in Adipose Tissue of Obese People by Microwave-Assisted Digestion and Inductively Coupled Plasma Optical Emission Spectrometry. Biological Trace Element Research, 2019, 189, 10-17.	3.5	7
187	Investigation of lanthanum substitution effects in yttrium aluminium garnet: importance of solid state NMR and EPR methods. Journal of Sol-Gel Science and Technology, 2021, 97, 479-487.	2.4	7
188	Solvothermal Synthesis of Calcium-Deficient Hydroxyapatite via Hydrolysis of Î±-Tricalcium Phosphate in Different Aqueous-Organic Media. Crystals, 2022, 12, 253.	2.2	7
189	Time-resolved luminescence of nanocrystalline inorganic complex oxides. Journal of Physics: Conference Series, 2007, 93, 012037.	0.4	6
190	Solâ€“gel synthesis, characterization and study of substitution effects in different gallium-containing garnets. Journal of Sol-Gel Science and Technology, 2015, 76, 210-219.	2.4	6
191	Structural, morphological, and magnetic characterization of bulk and thin films Y3Al5â€“xFexO12 (YAlG): From the perspective of aqueous solâ€“gel processing. Chemical Engineering Communications, 2017, 204, 1037-1048.	2.6	6
192	Reconstruction Effects on Surface Properties of Co/Mg/Al Layered Double Hydroxide. Medziagotyra, 2017, 23, .	0.2	6
193	Acrylateâ€“gelatinâ€“carbonated hydroxyapatite (cHAP) composites for dental bone-tissue applications. Materials Advances, 2020, 1, 1675-1684.	5.4	6
194	Magnetic Properties of La0.9A0.1MnO3 (A: Li, Na, K) Nanopowders and Nanoceramics. Materials, 2020, 13, 1788.	2.9	6
195	A Novel One-Pot Synthesis and Characterization of Silk Fibroin/Î±-Calcium Sulfate Hemihydrate for Bone Regeneration. Polymers, 2021, 13, 1996.	4.5	6
196	Synthesis of Î²-Ca2P2O7 as an Adsorbent for the Removal of Heavy Metals from Water. Sustainability, 2021, 13, 7859.	3.2	6
197	Sol-gel derived coatings for the conservation of steel. Processing and Application of Ceramics, 2015, 9, 81-89.	0.8	6
198	The influence of annealing conditions on the Ca/P ratio and phase transformations in bulk calcium phosphates. CrystEngComm, 2022, 24, 1166-1170.	2.6	6

#	Article	IF	Citations
199	Investigation of substitution effects of the first four lanthanides (La, Ce, Pr and Nd) in yttrium iron garnet. Journal of Alloys and Compounds, 2022, 903, 163978.	5.5	6
200	Investigation of Distribution of Heavy Metals between Blood Plasma and Blood Cells. Annali Di Chimica, 2007, 97, 1139-1142.	0.6	5
201	Diffusion and Reaction Rates of the Yttrium Aluminium Garnet Synthesis using Different Techniques. Journal of Mathematical Chemistry, 2007, 42, 191-199.	1.5	5
202	Scandium and gallium substitution effects in the (Y1â^'xScx)Ba2Cu4O8 and (Y1â^'xGax)Ba2Cu4O8 superconducting oxides. Materials Chemistry and Physics, 2010, 119, 208-213.	4.0	5
203	Synthesis and characterization of leucite ceramics using solâ€“gel derived molecular precursors. Mendeleev Communications, 2011, 21, 287-288.	1.6	5
204	Synthesis and luminescent properties of novel Ba2â^'xEuxZr2â^'yHfySi3O12 phosphor. Optical Materials, 2011, 33, 1272-1277.	3.6	5
205	A closer look at the computer modeling and sintering optimization in the preparation of YAG. Journal of Mathematical Chemistry, 2012, 50, 2291-2302.	1.5	5
206	Mathematical approach to investigation of synthesis processes at high temperatures. Open Chemistry, 2012, 10, 380-385.	1.9	5
207	Computer modeling of synthesis of calcium hydroxyapatite (CHAp). Journal of Mathematical Chemistry, 2013, 51, 1249-1257.	1.5	5
208	Structure and charge density of Ce doped gadolinium gallium garnet (GGG). Journal of Materials Science: Materials in Electronics, 2016, 27, 1920-1928.	2.2	5
209	Cerium doping and cerium aluminium co-doping effects on the sol-gel processing of Y3Fe5O12 (YIG): Bulk and thin films. Solid State Sciences, 2020, 99, 106065.	3.2	5
210	Sol-Gel Derived Lanthanide-Substituted Layered Double Hydroxides Mg₃/Al_{1-x}Ln_x. Acta Physica Polonica A, 2018, 133, 884-886.	0.5	5
211	The In Vivo Toxicity and Antimicrobial Properties for Electrolyzed Oxidizing (EO) Water-Based Mouthwashes. Materials, 2020, 13, 4299.	2.9	5
212	Synthese und Charakterisierung der Lanthanoidbleioxidnitrate LnPbO2NO3 mit Ln = La, Pr, Nd und Sm/ Synthesis and Characterisation of Lanthanide Lead Oxide Nitrates LnPbO2NO3 with Ln = La, Pr, Nd, and Sm. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 503-508.	0.7	4
213	Distribution of sodium, potassium, magnesium and calcium in blood plasma. Mendeleev Communications, 2007, 17, 216-217.	1.6	4
214	Preparation and characterization of superconducting YBa2(Cu1â^'xCrx)4O8 oxides by thermal analysis. Journal of Thermal Analysis and Calorimetry, 2007, 90, 173-178.	3.6	4
215	Solâ€“gel synthesis of nanosized Y3Sc2.5Ga2.5O12 garnet. Mendeleev Communications, 2008, 18, 251-252.	1.6	4
216	SOL-GEL PREPARATION AND CHARACTERIZATION OF NOVEL MIXED-METAL COBALTATES-ALUMINATES. Chemical Engineering Communications, 2013, 200, 305-315.	2.6	4

#	Article	IF	Citations
217	Sol-Gel Derived Two-Dimensional Nanostructures of Calcium Phosphates. Advances in Science and Technology, 0, , .	0.2	4
218	Formation of Caâ€“Znâ€“Na phosphate bioceramic material in thermal processing of EDTA solâ€“gel precursor. Journal of Thermal Analysis and Calorimetry, 2015, 121, 107-114.	3.6	4
219	Solvothermal synthesis of Eu3+-doped holmium aluminum garnet. Mendeleev Communications, 2015, 25, 384-385.	1.6	4
220	The influence of thermal processing on microstructure of solâ€“gel-derived SrSnO3 thin films. Journal of Materials Science, 2017, 52, 12624-12634.	3.7	4
221	Lanthanide substitution effects in iron containing garnets. Journal of Sol-Gel Science and Technology, 2019, 90, 209-213.	2.4	4
222	Formation of 2D calcium hydroxyapatite on stainless steel modified with a TiN sublayer. Mendeleev Communications, 2020, 30, 512-515.	1.6	4
223	Reinspection of low temperature synthesis of bulk Bi3Fe5O12 (BIG): An aqueous sol-gel processing. Materials Chemistry and Physics, 2020, 253, 123283.	4.0	4
224	Alkaline earth metal substitution effects in sol-gelâ€“derived mixed metal oxides and Mg2-xMx/Al1 (Mâ€‰=â€‰Ca, Sr, Ba)â€“layered double hydroxides. Journal of the Australian Ceramic Society, 2020, 56, 1531-1541.	1.9	4
225	Aqueous Sol-Gel Synthesis of Different Iron Ferrites: From 3D to 2D. Materials, 2021, 14, 1554.	2.9	4
226	The Accessibility of the Cell Wall in Scots Pine (Pinus sylvestris L.) Sapwood to Colloidal Fe3O4 Nanoparticles. ACS Omega, 2021, 6, 21719-21729.	3.5	4
227	Dielectric properties of Bi-substituted LDHs synthesized by co-precipitation and sol-gel methods. Materials Science-Poland, 2019, 37, 190-195.	1.0	4
228	Dielectric Investigations of Nanoferroelectric BaTiO3. Ferroelectrics, 2008, 368, 170-176.	0.6	3
229	Synthesis of Y3â^'xLuxAl3MgSiO12 garnet powders by solâ€“gel method. Journal of Sol-Gel Science and Technology, 2011, 59, 311-314.	2.4	3
230	Sol-Gel Synthesis and Characterization of Lanthanide-Substituted Nanostructured Calcium Hydroxyapatite. Advances in Science and Technology, 0, , .	0.2	3
231	Silver nanoprisms self-assembly on differently functionalized silica surface. IOP Conference Series: Materials Science and Engineering, 2015, 77, 012006.	0.6	3
232	Synthesis, characterization and investigation of catalytic properties of metal-substituted (Mâ€‰=â€‰Mg2+,) Tj ETQq0 0 0 rgBT /Overl	1.9	3
233	The Synthesis and Characterization of Sol-Gel-Derived SrTiO3-BiMnO3 Solid Solutions. Crystals, 2020, 10, 1125.	2.2	3
234	Reinspection of formation of BiFe1-xMnxO3 solid solutions via low temperature sol-gel synthesis route. Solid State Sciences, 2021, 111, 106458.	3.2	3

#	Article	IF	Citations
235	Lanthanum and Manganese Co-Doping Effects on Structural, Morphological, and Magnetic Properties of Sol-Gel Derived BiFeO3. Materials, 2021, 14, 4844.	2.9	3
236	A Novel Sol-Gel Bi2-xHfxO3+x/2 Radiopacifier for Mineral Trioxide Aggregates (MTA) as Dental Filling Materials. Applied Sciences (Switzerland), 2021, 11, 7292.	2.5	3
237	Sol-Gel Synthesis and Characterization of Non-Substituted and Europium- Substituted Layered Double Hydroxides Mg3/Al1-xEux. Current Inorganic Chemistry, 2017, 6, 149-154.	0.2	3
238	A novel sol-gel synthesis of Ca3Nb1.775Li0.275Ga2.95O12 garnet. Materials Letters, 2022, 316, 131990.	2.6	3
239	Investigation of n-hexane oxidation on the surface of activated charcoal. Reaction Kinetics and Catalysis Letters, 1994, 53, 7-12.	0.6	2
240	Residual content of inorganic ions in activated carbons prepared from wood. Journal of Analytical and Applied Pyrolysis, 2004, 71, 201-212.	5.5	2
241	Superconductivity in the Y-Ba-Ca-Cu-O system. Journal of Materials Science, 2006, 41, 579-581.	3.7	2
242	Chromium substitution effects in Y-124 superconductor prepared by aqueous solâ€“gel method. Chemical Physics, 2007, 332, 225-231.	1.9	2
243	Metastable perovskite Bi₁₋_xLa_xFe_{0.5}Sc_{0.5}O₃ phases in the range of the compositional crossover. Phase Transitions, 2017, 90, 831-839.	1.4	2
244	Impact of Alkali Ions Codoping on Magnetic Properties of La0.9A0.1Mn0.9Co0.1O3 (A: Li, K, Na) Powders and Ceramics. Applied Sciences (Switzerland), 2020, 10, 8786.	2.5	2
245	Alumoxane Precursors to Designer Catalysts and Catalyst Supports: Catalytic Oxidation of Dichloromethane. Materials Research Society Symposia Proceedings, 1996, 454, 169.	0.1	1
246	Synthesis and characterisation of the thallium-substituted superconducting cuprate Hg1â^'xTlxBa2Ca2Cu3O8+Î´. Advanced Materials for Optics and Electronics, 1999, 9, 135-144.	0.4	1
247	<title>Sol-gel synthesis and characterization of yttrium gallium garnets</title>. , 2005, , .		1
248	Synthesis and characterization of Ln-123 superconductors. Journal of the Serbian Chemical Society, 2008, 73, 479-486.	0.8	1
249	Synthesis of lead-based 1212 and 3212 superconductors by an aqueous sol-gel method. Open Chemistry, 2009, 7, 362-368.	1.9	1
250	Sol-Gel Derived Ferrites: Synthesis and Characterization. Advanced Materials Research, 2011, 222, 235-238.	0.3	1
251	Sol-gel synthesis and study of neodymium substitution effects in Co-Al-Nd-O system with possible applications as novel inorganic pigments. Open Chemistry, 2012, 10, 1574-1583.	1.9	1
252	Sol-Gel Synthesis, Structural and Optical Properties of Cerium-Doped Strontium Aluminates, Sr3Al2O6 and SrAl12O19. Medziagotyra, 2013, 19, .	0.2	1

#	Article	IF	Citations
253	Scanning Electron Microscopy: Extrapolation of 3D Data from SEM Micrographs. Medziagotyra, 2015, 21, .	0.2	1
254	Computer modeling of synthesis of strontium stannates at high temperatures. Journal of Mathematical Chemistry, 2015, 53, 1227-1238.	1.5	1
255	Formation of Silver Nanoplates Layer on Amino Group Grafted Silica Coatings. Medziagotyra, 2016, 22, .	0.2	1
256	Lanthanide-Doping Effects on the Formation of Leucite KAlSi2O6. Silicon, 2020, 12, 1213-1223.	3.3	1
257	Chemical Solution Deposition of La-Substituted BiFe0.5Sc0.5O3 Perovskite Thin Films on Different Substrates. Coatings, 2021, 11, 307.	2.6	1
258	Investigation of Structural and Luminescent Properties of Sol-Gel-Derived Crâ€'Substituted Mg3Al1â^'xCrx Layered Double Hydroxides. Molecules, 2021, 26, 1848.	3.8	1
259	Proton-conducting Organic-inorganic Sulfo-containing Membranes for Fuel Cell. Medziagotyra, 2022, 28, 82-88.	0.2	1
260	Studying the application of fish-farming net-cleaning waste as fire-retardant for Scots pine (Pinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	1
261	Diffusion of n-Hexane in Porous Media of Activated Carbon. Transport in Porous Media, 1997, 29, 1-13.	2.6	0
262	Title is missing!. Journal of Analytical Chemistry, 2001, 56, 530-533.	0.9	0
263	Orthoboric acid as a densifying agent for graphitized carbon black. Materials Research Bulletin, 2003, 38, 125-131.	5.2	0
264	On the Properties of Yttria-Stabilized Zirconia Thin Films Prepared by Sol-Gel Method. Medziagotyra, 2011, 17, 191-196.	0.2	0
265	Synthesis of Silica-Carbon Nanotube Composite Materials and Their Application for Laser Systems. IOP Conference Series: Materials Science and Engineering, 2012, 38, 012052.	0.6	0
266	Silica-carbon nanotubes composite coatings as saturable absorbers. , 2012, , .		0
267	Hybrid Inorganic-organic Route to Nanostructured Strontium Titanate Ceramics. , 2018, , .		0
268	Solâ€"gel synthesis and characterization of iron-containing garnets. , 2019, , 233-261.		0
269	Microstructural features of lyophilized adipose â€" A new concept to estimate the metabolic symptoms for obese patients. Medical Hypotheses, 2020, 136, 109526.	1.5	0
270	Advances in Functional Inorganic Materials Prepared by Wet Chemical Methods. Crystals, 2021, 11, 943.	2.2	0

#	Article	IF	Citations
271	Influence of different diffusion rates of reaction reagents on the synthesis of yttrium aluminium garnet (YAG). Journal of Mathematical Chemistry, 2022, 60, 172.	1.5	0
272	A Novel Synthetic Approach for the Preparation of Bulk Bi3Fe5O12 on the Y3Ga5O12 Core. Integrated Ferroelectrics, 2021, 220, 71-79.	0.7	0