

Eva Bartonickova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5203828/publications.pdf>

Version: 2024-02-01

37
papers

509
citations

840776

11
h-index

677142

22
g-index

39
all docs

39
docs citations

39
times ranked

791
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic properties of $\text{Co}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ spinel ferrite nanoparticles synthesized by starch-assisted sol-gel autocombustion method and its ball milling. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 378, 190-199.	2.3	113
2	The kinetics and mechanism of thermal decomposition of SrCO_3 polymorphs. <i>Ceramics International</i> , 2015, 41, 115-126.	4.8	57
3	Preparation and properties of enstatite ceramic foam from talc. <i>Journal of the European Ceramic Society</i> , 2014, 34, 515-522.	5.7	32
4	The correlation between porosity and mechanical properties of multicomponent systems consisting of Portland cement-slag-silica fume-metakaolin. <i>Construction and Building Materials</i> , 2017, 135, 306-314.	7.2	32
5	Magnetic Properties of Dysprosium-Doped Cobalt Ferrite Nanoparticles Synthesized by Starch-Assisted Sol-Gel Auto-combustion Method. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 2097-2107.	1.8	30
6	Magnetic Properties of ZnFe_2O_4 Nanoparticles Synthesized by Starch-Assisted Sol-Gel Auto-combustion Method. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 1417-1423.	1.8	30
7	Synthesis, hydration and thermal stability of hydrates in strontium-aluminate cement. <i>Ceramics International</i> , 2014, 40, 9971-9979.	4.8	27
8	The formation of feldspar strontian ($\text{SrAl}_2\text{Si}_2\text{O}_8$) via ceramic route: Reaction mechanism, kinetics and thermodynamics of the process. <i>Ceramics International</i> , 2016, 42, 8170-8178.	4.8	27
9	Preparation and characterisation of porous composite biomaterials based on silicon nitride and bioglass. <i>Ceramics International</i> , 2015, 41, 9770-9778.	4.8	21
10	Low-temperature sol-gel synthesis of anatase nanoparticles modified by Au, Pd and Pt and activity of TiO_2/Au , Pd, Pt photocatalysts in water splitting. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 65, 430-442.	2.4	14
11	Influence of Active Alumina on the Hydration Process of Portland Cement. <i>Procedia Engineering</i> , 2016, 151, 80-86.	1.2	12
12	Solid-state synthesis of SrY_2O_4 and SrSm_2O_4 . <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 181-194.	3.6	11
13	Mullite-based refractories fabricated by foam casting. <i>Ceramics International</i> , 2015, 41, 14116-14123.	4.8	10
14	Influence of anionic stabilization of alumina particles in 2-propanol medium on the electrophoretic deposition and mechanical properties of deposits. <i>Journal of the European Ceramic Society</i> , 2014, 34, 3365-3371.	5.7	9
15	Structural and Magnetic Properties of CoFe_2O_4 Nanoparticles Synthesized by Starch-Assisted Sol-Gel Auto-Combustion Method in Air, Argon, Nitrogen and Vacuum Atmospheres. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 249-258.	1.8	9
16	Structural and Magnetic Properties of $\text{CoFe}_{2-x}\text{Gd}_x\text{O}_4$ ($0.0 \leq x \leq 0.1$) Spinel Ferrite Nanoparticles Synthesized by Starch-Assisted Sol-Gel Auto-combustion Method. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 1797-1806.	1.8	7
17	The field of solid solutions in ternary system of synthetic apatite-type alkaline earth element-yttrium-silicate oxybritholite phases of the composition: $\text{AEE Y}_{10}[\text{SiO}_4]_6\text{O}_{3+0.5}$, where $\text{AEE}=\text{Ca}$, Sr and Ba . <i>Ceramics International</i> , 2016, 42, 6154-6167.	4.8	7
18	Synthesis and oxygen transport properties of $\text{La}_{0.2}\text{Sr}_{0.8}\text{Fe}_{1-x}\text{Ti}_x\text{O}_3$ ($x=0.2, 0.4$) intended for syn-gas production. <i>Journal of the European Ceramic Society</i> , 2010, 30, 605-611.	5.7	6

#	ARTICLE	IF	CITATIONS
19	SYNTHESIS AND PROCESSING OF InVO ₄ CERAMICS. International Journal of Modern Physics B, 2010, 24, 770-779.	2.0	6
20	Preparation, kinetics of sinter-crystallization and properties of hexagonal strontium-yttrate-silicate apatite phase: SrY ₄ [SiO ₄] ₃ O. Ceramics International, 2015, 41, 1779-1795.	4.8	6
21	Polypropylene Glycols as Effective Shrinkage-Reducing Admixtures in Alkali-Activated Materials. ACI Materials Journal, 2018, 115, .	0.2	6
22	Determination of Critical Parameters of Drug Substance Influencing Dissolution: A Case Study. BioMed Research International, 2014, 2014, 1-9.	1.9	5
23	The Ash from Fluidized Bed Combustion as a Donor of Sulfates to the Portland Clinker. Procedia Engineering, 2016, 151, 394-401.	1.2	5
24	Formation of strontium-yttrium germanium anionic lacunar apatite (Sr ₂ +Y _{6.67} +(2/3)[GeO ₄] ₆ O ₂) as the intermediate phase of oxygen-rich yttrium-germanium apatite (Y _{9.333} +1 μ [GeO ₄] ₆ O ₂ +3/2 μ). Ceramics International, 2017, 43, 7827-7838.	4.8	5
25	The effect of amorphous and crystal sodium warfarin and its content uniformity on bioequivalence of tablets. European Journal of Pharmaceutical Sciences, 2018, 125, 120-129.	4.0	5
26	Sintering of Ce, Sm, and Pr Oxide Nanorods. Journal of the American Ceramic Society, 2016, 99, 1155-1163.	3.8	4
27	Influence of Industrial By-Products on Shrinkage of Alkali-Activated Slag. Advanced Materials Research, 0, 1000, 137-140.	0.3	2
28	The Influence of Aggregates on the Properties of Concrete. Advanced Materials Research, 0, 1000, 277-280.	0.3	2
29	Utilization of By-Pass Cement Kiln Dust in Alkali-Activated Materials. Key Engineering Materials, 2018, 761, 23-26.	0.4	2
30	Deconstruction of microfibrillated cellulose into nanocrystalline cellulose rods and mesogenic phase formation in concentrated low-modulus sodium silicate solutions. Cellulose, 2019, 26, 4325-4344.	4.9	2
31	Porosity Evaluation of Alternative Materials Based on Portland Cement. Advanced Materials Research, 0, 1000, 314-317.	0.3	1
32	The Role of Metakaolin Fineness on Rheological Properties of Cement Pastes. Advanced Materials Research, 0, 1000, 39-42.	0.3	0
33	Influence of Storage Conditions on Quality of Fly Ashes. Advanced Materials Research, 0, 1000, 59-62.	0.3	0
34	Modified MDF Composites Intended for the Refractory Application. Advanced Materials Research, 0, 1000, 114-117.	0.3	0
35	Synthesis of Layered Calcium Cobaltites Intended for Thermoelectric Application. Materials Science Forum, 2016, 851, 110-115.	0.3	0
36	TiO ₂ Surface Coating of Mn-Zn Doped Ferrites Study. Materials Science Forum, 2016, 851, 153-158.	0.3	0

#	ARTICLE	IF	CITATIONS
37	Structural Changes of Sodium Warfarin in Tablets Affecting the Dissolution Profiles and Potential Safety of Generic Substitution. <i>Pharmaceutics</i> , 2021, 13, 1364.	4.5	0