Eva Bartonickova

List of Publications by Year
in descending order

37	509	840776 11	677142 22
papers	citations	h-index	g-index

39	39	39	791
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural Changes of Sodium Warfarin in Tablets Affecting the Dissolution Profiles and Potential Safety of Generic Substitution. Pharmaceutics, 2021, 13, 1364.	4.5	0
2	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
3	Utilization of By-Pass Cement Kiln Dust in Alkali-Activated Materials. Key Engineering Materials, 2018, 761, 23-26.	0.4	2
4	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
5	Polypropylene Glycols as Effective Shrinkage-Reducing Admixtures in Alkali-Activated Materials. ACI Materials Journal, 2018, 115, .	0.2	6
6	The correlation between porosity and mechanical properties of multicomponent systems consisting of Portland cementâ€“slagâ€“silica fumeâ€“metakaolin. Construction and Building Materials, 2017, 135, 306-314.	7.2	32
7	Formation of strontium-yttrium germanium anionic lacunar apatite (Sr2+Y6.67+(2/3)[GeO4]6O2) as the intermediate phase of oxygen-rich yttrium-germanium apatite (Y9.333+Îµ[GeO4]6O2+3/2Îµ). Ceramics International, 2017, 43, 7827-7838.	4.8	5
8	The formation of feldspar strontian (SrAl2Si2O8) via ceramic route: Reaction mechanism, kinetics and thermodynamics of the process. Ceramics International, 2016, 42, 8170-8178.	4.8	27
9	Synthesis of Layered Calcium Cobaltites Intended for Thermolectric Application. Materials Science Forum, 2016, 851, 110-115.	0.3	0
10	The Ash from Fluidized Bed Combustion as a Donor of Sulfates to the Portland Clinker. Procedia Engineering, 2016, 151, 394-401.	1.2	5
11	Influence of Active Alumina on the Hydration Process of Portland Cement. Procedia Engineering, 2016, 151, 80-86.	1.2	12
12	TiO₂ Surface Coating of Mn-Zn Dopped Ferrites Study. Materials Science Forum, 2016, 851, 153-158.	0.3	0
13	Sintering of Ce, Sm, and Pr Oxide Nanorods. Journal of the American Ceramic Society, 2016, 99, 1155-1163.	3.8	4
14	The field of solid solutions in ternary system of synthetic apatite-type alkaline earth element-yttrium-silicate oxybritholite phases of the composition: AEE Y10â^'[SiO4]6O3â^'0.5, where AEE=Ca, Sr and Ba. Ceramics International, 2016, 42, 6154-6167.	4.8	7
15	Solid-state synthesis of SrY2O4 and SrSm2O4. Journal of Thermal Analysis and Calorimetry, 2016, 123, 181-194.	3.6	11
16	Structural and Magnetic Properties of CoFe2O4 Nanoparticles Synthesized by Starch-Assisted Solâ€“Gel Auto-Combustion Method in Air, Argon, Nitrogen and Vacuum Atmospheres. Journal of Superconductivity and Novel Magnetism, 2015, 28, 249-258.	1.8	9
17	Magnetic Properties of Dysprosium-Doped Cobalt Ferrite Nanoparticles Synthesized by Starch-Assisted Sol-Gel Auto-combustion Method. Journal of Superconductivity and Novel Magnetism, 2015, 28, 2097-2107.	1.8	30
18	Structural and Magnetic Properties of CoFe2â^'x Gd x O4 (0.0 â‰¤ x â‰¤ 0.1) Spinel Ferrite Nanoparticles Synthesized by Starch-Assisted Solâ€“Gel Auto-combustion Method. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1797-1806.	1.8	7

#	Article	IF	Citations
19	Magnetic Properties of ZnFe2O4 Nanoparticles Synthesized by Starch-Assisted Solâ€“Gel Auto-combustion Method. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1417-1423.	1.8	30
20	Preparation and characterisation of porous composite biomaterials based on silicon nitride and bioglass. Ceramics International, 2015, 41, 9770-9778.	4.8	21
21	Mullite-based refractories fabricated by foam casting. Ceramics International, 2015, 41, 14116-14123.	4.8	10
22	Magnetic properties of Co 1â^'x Zn x Fe 2 O 4 spinel ferrite nanoparticles synthesized by starch-assisted solâ€“gel autocombustion method and its ball milling. Journal of Magnetism and Magnetic Materials, 2015, 378, 190-199.	2.3	113
23	The kinetics and mechanism of thermal decomposition of SrCO3 polymorphs. Ceramics International, 2015, 41, 115-126.	4.8	57
24	Preparation, kinetics of sinter-crystallization and properties of hexagonal strontium-yttrate-silicate apatite phase: SrY4[SiO4]3O. Ceramics International, 2015, 41, 1779-1795.	4.8	6
25	Determination of Critical Parameters of Drug Substance Influencing Dissolution: A Case Study. BioMed Research International, 2014, 2014, 1-9.	1.9	5
26	Synthesis, hydration and thermal stability of hydrates in strontium-aluminate cement. Ceramics International, 2014, 40, 9971-9979.	4.8	27
27	Preparation and properties of enstatite ceramic foam from talc. Journal of the European Ceramic Society, 2014, 34, 515-522.	5.7	32
28	Influence of anionic stabilization of alumina particles in 2-propanol medium on the electrophoretic deposition and mechanical properties of deposits. Journal of the European Ceramic Society, 2014, 34, 3365-3371.	5.7	9
29	Low-temperature solâ€“gel synthesis of anatase nanoparticles modified by Au, Pd and Pt and activity of TiO2/Au, Pd, Pt photocatalysts in water splitting. Journal of Sol-Gel Science and Technology, 2013, 65, 430-442.	2.4	14
30	Synthesis and oxygen transport properties of La0.2Sr0.8Fe1â^'xTixO3â^'Î´ (x=0.2, 0.4) intended for syn-gas production. Journal of the European Ceramic Society, 2010, 30, 605-611.	5.7	6
31	SYNTHESIS AND PROCESSING OF InVO4 CERAMICS. International Journal of Modern Physics B, 2010, 24, 770-779.	2.0	6
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	Influence of Industrial By-Products on Shrinkage of Alkali-Activated Slag. Advanced Materials Research, 0, 1000, 137-140.	0.3	2
35	The Influence of Aggregates on the Properties of Concrete. Advanced Materials Research, 0, 1000, 277-280.	0.3	2
36	Porosity Evaluation of Alternative Materials Based on Portland Cement. Advanced Materials Research, 0, 1000, 314-317.	0.3	1

#	Article	IF	Citations
37	Modified MDF Composites Intended for the Refractory Application. Advanced Materials Research, 0, 1000, 114-117.	0.3	0