

Dachamir Hotza

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.

331
papers

5,513
citations

33
h-index

62
g-index

355
ext. papers

6,603
ext. citations

3.5
avg, IF

6.24
L-index

#	Paper	IF	Citations
331	Dehydration of fatty acid methyl ester mixtures from enzymatic biodiesel using a modified PVDF membrane. <i>Renewable Energy</i> , 2022 , 187, 237-247	8.1	0
330	Lipase immobilization on alumina membranes using a traditional and a nature-inspired method for active degradation of oil fouling. <i>Separation and Purification Technology</i> , 2022 , 287, 120527	8.3	1
329	Production and characterization of 3D-printed silica-based cellular structures. <i>Open Ceramics</i> , 2022 , 100225	3.5	0
328	Membranes for separation of CO ₂ /CH ₄ at harsh conditions. <i>Journal of Natural Gas Science and Engineering</i> , 2022 , 98, 104388	4.6	1
327	Inorganic membranes for in-situ separation of hydrogen and enhancement of hydrogen production from thermochemical reactions. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 160, 112124	16.2	0
326	Chemical tempering of feldspathic porcelain for dentistry applications: A review. <i>Open Ceramics</i> , 2021 , 9, 100201	3.3	0
325	Controlling efflorescence in geopolymers: A new approach. <i>Case Studies in Construction Materials</i> , 2021 , 15, e00740	2.7	2
324	Conversion of fruit waste-derived biomass to highly microporous activated carbon for enhanced CO capture. <i>Waste Management</i> , 2021 , 136, 273-282	8.6	5
323	Membrane Surface Modification by Electrospinning, Coating, and Plasma for Membrane Distillation Applications: A State-of-the-Art Review. <i>Advanced Engineering Materials</i> , 2021 , 23, 2001456	3.5	13
322	Electrospinning of cellulose using ionic liquids: An overview on processing and applications. <i>European Polymer Journal</i> , 2021 , 147, 110283	5.2	10
321	Materials and Manufacturing Techniques for Polymeric and Ceramic Scaffolds Used in Implant Dentistry. <i>Journal of Composites Science</i> , 2021 , 5, 78	3	13
320	Carbon footprint and embodied energy of a wind turbine blade—case study. <i>International Journal of Life Cycle Assessment</i> , 2021 , 26, 1177-1187	4.6	3
319	Tailoring asymmetric Al ₂ O ₃ membranes by combining tape casting and phase inversion. <i>Journal of Membrane Science</i> , 2021 , 623, 119056	9.6	5
318	Dopant diffusion at the interface of TiO ₂ -MnO-doped alumina/alumina layers in sintered laminates. <i>International Journal of Ceramic Engineering & Science</i> , 2021 , 3, 105-112	2	1
317	Highly enhanced adsorption and photocatalytic performance of TiO ₂ quantum dots synthesized by microwaves for degradation of reactive red azo dye. <i>Journal of Nanoparticle Research</i> , 2021 , 23, 1	2.3	2
316	Colloidal processing and characterization of TiO ₂ -MnO-doped alumina/alumina slurries and tapes. <i>International Journal of Ceramic Engineering & Science</i> , 2021 , 3, 173	2	1
315	Screening method for producing suitable spray-dried HA powder for SLS application. <i>Powder Technology</i> , 2021 , 384, 62-69	5.2	4

314	Integrated process simulation of porcelain stoneware manufacturing using flowsheet simulation. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2021 , 33, 473-487	3.4	1
313	Cleaner Pre-concentration of Metals from Printed Circuit Board Waste Using Novel Dense Liquid Medium Based on Sodium Silicate. <i>Waste and Biomass Valorization</i> , 2021 , 12, 4081-4087	3.2	0
312	Porous asymmetric microfiltration membranes shaped by combined alumina freeze and tape casting. <i>Journal of the European Ceramic Society</i> , 2021 , 41, 871-879	6	2
311	Zeolites-containing geopolymers obtained from biomass fly ash: Influence of temperature, composition, and porosity. <i>Journal of the American Ceramic Society</i> , 2021 , 104, 803-815	3.8	5
310	An overview on nanostructured TiO ₂ -containing fibers for photocatalytic degradation of organic pollutants in wastewater treatment. <i>Journal of Water Process Engineering</i> , 2021 , 40, 101827	6.7	14
309	Green production of cellular ceramics by emulsification of sunflower oil followed by gelcasting and starch consolidation. <i>Journal of Cleaner Production</i> , 2021 , 282, 124468	10.3	0
308	Electrospun TiO ₂ nanofibers for water and wastewater treatment: a review. <i>Journal of Materials Science</i> , 2021 , 56, 5428-5448	4.3	16
307	Microstructure and mechanical behavior of TiO ₂ -MnO-doped alumina/alumina laminates. <i>Journal of the American Ceramic Society</i> , 2021 , 104, 1047-1057	3.8	3
306	Bioleaching from Coal Wastes and Tailings: A Sustainable Biomining Alternative. <i>Environmental and Microbial Biotechnology</i> , 2021 , 203-224	1.4	1
305	Numerical and experimental study of ion exchange in porcelain tiles. <i>International Journal of Applied Ceramic Technology</i> , 2021 , 18, 1025-1032	2	2
304	High performance magnetically recoverable Fe ₃ O ₄ nanocatalysts: fast microwave synthesis and photo-fenton catalysis under visible-light. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021 , 166, 108438	3.7	5
303	Assessment of the recycling potential of stone processing plant wastes based on physicochemical features and market opportunities. <i>Journal of Cleaner Production</i> , 2021 , 319, 128678	10.3	5
302	SiOC and SiCN-based ceramic supports for catalysts and photocatalysts. <i>Microporous and Mesoporous Materials</i> , 2021 , 327, 111435	5.3	0
301	Chitosan as a matrix of nanocomposites: A review on nanostructures, processes, properties, and applications. <i>Carbohydrate Polymers</i> , 2021 , 272, 118472	10.3	16
300	High heating rate sintering and microstructural evolution assessment using the discrete element method. <i>Open Ceramics</i> , 2021 , 8, 100182	3.3	1
299	Gel casting of silicon nitride foams using biopolymers as gelling agents. <i>Open Ceramics</i> , 2021 , 8, 100183	3.3	2
298	Electrospun Polycaprolactone Scaffolds Using an Ionic Liquid as Alternative Solvent: Morphometric, Mechanical and Biological Properties. <i>ChemistrySelect</i> , 2020 , 5, 14050-14055	1.8	1
297	Selective Laser Sintering of Biomaterials and Composites State of the Art and Perspectives. <i>Materials Science Forum</i> , 2020 , 1012, 278-283	0.4	0

296	Development of new geopolymers based on stone cutting waste. <i>Construction and Building Materials</i> , 2020 , 257, 119525	6.7	15
295	Modeling the effect of the addition of alumina on structural characteristics and tensile deformation response of aluminosilicate glasses. <i>Ceramics International</i> , 2020 , 46, 21657-21666	5.1	1
294	Study of cure conditions effect on the properties of wood biomass fly ash geopolymers. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 7518-7528	5.5	11
293	Characterization of functionalized zirconia membranes manufactured by aqueous tape casting. <i>Ceramics International</i> , 2020 , 46, 16096-16103	5.1	5
292	Lipase immobilization on ceramic supports: An overview on techniques and materials. <i>Biotechnology Advances</i> , 2020 , 42, 107581	17.8	36
291	An overview and future prospects on aptamers for food safety. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 6929-6939	5.7	19
290	Eco-Friendly Manufacturing of Nano-TiO ₂ Coated Cotton Textile with Multifunctional Properties. <i>Fibers and Polymers</i> , 2020 , 21, 90-102	2	6
289	Evaluation of the uncertainty in the measurement of nanoparticle size by dynamic light scattering. <i>Measurement Science and Technology</i> , 2020 , 31, 075005	2	1
288	Synergetic effect of photocatalysis and ozonation for enhanced tetracycline degradation using highly macroporous photocatalytic supports. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020 , 149, 107838	3.7	26
287	Premix membrane emulsification using flat microfiltration inorganic membranes with tailored structure and composition. <i>Journal of Membrane Science</i> , 2020 , 608, 118124	9.6	7
286	Additive Manufactured Nanocomposites for Bone Tissue Engineering Applications: an Overview. <i>Materials Research</i> , 2020 , 23,	1.5	3
285	SYNTHESIS OF SPHERICAL BACTERIAL NANOCELLULOSE AS A POTENTIAL SILVER ADSORPTION AGENT FOR ANTIMICROBIAL PURPOSES. <i>Cellulose Chemistry and Technology</i> , 2020 , 54, 285-290	1.9	5
284	Enhanced catalytic performance of CuFeS ₂ chalcogenide prepared by microwave-assisted route for photo-Fenton oxidation of emerging pollutant in water. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104077	6.8	9
283	Silicon carbide filters and porous membranes: A review of processing, properties, performance and application. <i>Journal of Membrane Science</i> , 2020 , 610, 118193	9.6	31
282	Development of magnesium-aluminum-silicate glass-ceramics nucleated with Nb ₂ O ₅ . <i>International Journal of Applied Glass Science</i> , 2020 , 11, 155-169	1.8	7
281	Thermal degradation and flammability of TiO ₂ /polyetherimide nanocomposite fibers. <i>Polymer Bulletin</i> , 2020 , 77, 4937-4958	2.4	3
280	Enhanced Electrochemical Performance of Nanocellulose/PPy/CuCl ₂ Electrodes for All-Cellulose-Based Supercapacitors. <i>Journal of Electronic Materials</i> , 2020 , 49, 1036-1042	1.9	6
279	Are TiO ₂ nanoparticles safe for photocatalysis in aqueous media?. <i>Nanoscale Advances</i> , 2020 , 2, 4951-4960	5.0	8

278	Aerogel-Based TiO ₂ Stable Inks for Direct Inkjet Printing of Nanostructured Layers. <i>Advances in Materials Science and Engineering</i> , 2020 , 2020, 1-9	1.5	3
277	Low-energy microwave synthesis and cold sintering of nanograined TiO ₂ -Nb ₂ O ₅ . <i>Materials Letters</i> , 2020 , 278, 128418	3.3	2
276	Fast-fired, nanograined titanium niobate (TiNb ₂ O ₇) with enhanced dielectric properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020 , 261, 114650	3.1	3
275	Effect of environmental conditions on degradation of NO _x gases by photocatalytic nanotitania-based cement mortars after long-term hydration. <i>Journal of Cleaner Production</i> , 2020 , 274, 123067	10.3	10
274	Formation, stability and antimicrobial activity of laurel leaves essential oil (<i>Laurus nobilis</i> L.) particles in suspension obtained by SFEE. <i>Journal of Supercritical Fluids</i> , 2020 , 166, 105032	4.2	4
273	RHEOLOGICAL BEHAVIOR OF A SILVER AQUEOUS NANOFUID STABILIZED WITH AMINOSILANE-BASED SURFACTANT UNDER CONFINED FLOW. <i>Brazilian Journal of Chemical Engineering</i> , 2019 , 36, 229-237	1.7	2
272	Biosynthesis of iron oxide nanoparticles from mineral coal tailings in a stirred tank reactor. <i>Hydrometallurgy</i> , 2019 , 184, 199-205	4	9
271	Plasma-modified TiO ₂ /polyetherimide nanocomposite fibers for photocatalytic degradation of organic compounds. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103213	6.8	7
270	Properties and Applications of <i>Morinda citrifolia</i> (Noni): A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019 , 18, 883-909	16.4	31
269	Early-stage materials selection based on embodied energy and carbon footprint. <i>Materials and Design</i> , 2019 , 178, 107861	8.1	35
268	Tape casting of preceramic polymers toward advanced ceramics: A review. <i>International Journal of Ceramic Engineering & Science</i> , 2019 , 1, 21-41	2	18
267	Asymmetric mullite membranes manufactured by phase-inversion tape casting from polymethylsiloxane and aluminum diacetate. <i>Journal of Membrane Science</i> , 2019 , 581, 421-429	9.6	8
266	Processing and properties of tape-cast alumina/zirconia laminates composites. <i>Journal of the European Ceramic Society</i> , 2019 , 39, 3462-3465	6	3
265	Preparation of polyethylene-supported zero-valent iron buoyant catalyst and its performance for Ponceau 4R decolorization by photo-Fenton process. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 102963	6.8	25
264	Biomining of iron-containing nanoparticles from coal tailings. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 7231-7240	5.7	8
263	Enhancing Specific Capacitance and Cyclic Stability through Incorporation of MnO ₂ into Bacterial Nanocellulose/PPy/CuCl ₂ Flexible Electrodes. <i>Energy Technology</i> , 2019 , 7, 1900328	3.5	8
262	Effect of the particle size range of construction and demolition waste on the fresh and hardened-state properties of fly ash-based geopolymer mortars with total replacement of sand. <i>Chemical Engineering Research and Design</i> , 2019 , 129, 130-137	5.5	22
261	Effects of processing parameters on 3D structural ordering and optical properties of inverse opal photonic crystals produced by atomic layer deposition. <i>International Journal of Ceramic Engineering & Science</i> , 2019 , 1, 68-76	2	7

260	Adsorption and desorption of eggplant peel anthocyanins on a synthetic layered silicate. <i>Journal of Food Engineering</i> , 2019 , 262, 162-169	6	27
259	CHARACTERIZATION OF PULP AND PAPER MILL WASTE FOR THE PRODUCTION OF WASTE-BASED CEMENT. <i>Revista Internacional De Contaminacion Ambiental</i> , 2019 , 35, 237-246	1.2	7
258	Avaliaçã da energia incorporada e da emissã de CO2 em recipientes para refrigerantes: PET versus vidro. <i>Engenharia Sanitaria E Ambiental</i> , 2019 , 24, 1027-1036	0.4	
257	Ancoragem da prata em substratos cerâmicos para tratamento de água de consumo. <i>Ceramica</i> , 2019 , 65, 541-546	1	
256	Preparation of delafossite-type CuFeO ₂ powders by conventional and microwave-assisted hydrothermal routes for use as photoenton catalysts. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 102954	6.8	16
255	Fast microwave-assisted hydrothermal synthesis of TiNb ₂ O ₇ nanoparticles. <i>International Journal of Ceramic Engineering & Science</i> , 2019 , 1, 235-240	2	3
254	Ecological footprint of biomaterials for implant dentistry: is the metal-free practice an eco-friendly shift?. <i>Journal of Cleaner Production</i> , 2019 , 213, 723-732	10.3	5
253	In-situ synthesis of zeolites by geopolymerization of biomass fly ash and metakaolin. <i>Materials Letters</i> , 2019 , 236, 644-648	3.3	41
252	Design guidelines for titania-silica-alumina ceramics with tuned anatase to rutile transformation. <i>Ceramics International</i> , 2019 , 45, 5179-5188	5.1	3
251	Modulating the photocatalytic activity of TiO ₂ (P25) with lanthanum and graphene oxide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 372, 1-10	4.7	6
250	R-curve behavior and flexural strength of zirconia-toughened alumina and partially stabilized zirconia composite laminates. <i>Ceramics International</i> , 2018 , 44, 13463-13468	5.1	9
249	Structural Refinement by the Rietveld Method on Clinkers Obtained from Waste from Pulp and Paper Mills. <i>Materials Science Forum</i> , 2018 , 912, 175-179	0.4	1
248	Cellular ceramics obtained by a combination of direct foaming of soybean oil emulsified alumina suspensions with gel consolidation using gelatin. <i>Ceramics International</i> , 2018 , 44, 2436-2445	5.1	9
247	Predicting powder densification during sintering. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 1736-1741	16	
246	Tape casting of polysiloxane-derived ceramic with controlled porosity and surface properties. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 4899-4905	6	8
245	Wastes from pulp and paper mills - a review of generation and recycling alternatives. <i>Ceramica</i> , 2018 , 64, 443-453	1	50
244	Nanostructured biocompatible ceramics and glass-ceramics 2018 , 97-118		1
243	Enhanced LSCF oxygen deficiency through hydrothermal synthesis. <i>Ceramics International</i> , 2018 , 44, 20671-20676	5.1	4

242	High-temperature stable inverse opal photonic crystals via mullite-sol-gel infiltration of direct photonic crystals. <i>Journal of the American Ceramic Society</i> , 2018 , 102, 686	3.8	0
241	Manufacturing porous ceramic materials by tape casting—A review. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 988-1001	6	116
240	Photocatalytic ceramic tiles: Challenges and technological solutions. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 1002-1017	6	29
239	BACTERICIDAL EFFECTIVENESS OF FREEZE-CAST CERAMIC FILTERS IMPREGNATED WITH SILVER NANOPARTICLES. <i>Brazilian Journal of Chemical Engineering</i> , 2018 , 35, 1267-1274	1.7	1
238	Thermal characterization of hydrated eco-friendly clinkers produced from pulp and paper mill waste. <i>Ceramica</i> , 2018 , 64, 311-317	1	1
237	One-Step Synthesis of Conductive BNC/PPy/CuCl ₂ Hybrid Flexible Nanocomposites by In Situ Polymerization. <i>Advances in Materials Science and Engineering</i> , 2018 , 2018, 1-5	1.5	1
236	Waste-based geopolymers with very high moisture buffering capacity. <i>Construction and Building Materials</i> , 2018 , 191, 39-46	6.7	27
235	Activated nanocarbons produced by microwave-assisted hydrothermal carbonization of Amazonian fruit waste for methane storage. <i>Materials Chemistry and Physics</i> , 2018 , 216, 42-46	4.4	16
234	Amorphous SiO ₂ ambigels as hosts for simulated PWR multicomponent nuclear waste. <i>Journal of Non-Crystalline Solids</i> , 2017 , 461, 67-71	3.9	1
233	Waste-containing clinkers: Valorization of alternative mineral sources from pulp and paper mills. <i>Chemical Engineering Research and Design</i> , 2017 , 109, 106-116	5.5	29
232	Influence of porous structures on O ₂ flux of BSCF asymmetric membranes. <i>Separation and Purification Technology</i> , 2017 , 175, 164-169	8.3	19
231	A novel route for manufacturing asymmetric BSCF-based perovskite structures by a combined tape and freeze casting method. <i>Journal of the European Ceramic Society</i> , 2017 , 37, 5249-5257	6	16
230	Self-cleaning ceramic tiles coated with Nb ₂ O ₅ -doped-TiO ₂ nanoparticles. <i>Ceramics International</i> , 2017 , 43, 11986-11991	5.1	22
229	Porous Cu/YSZ anodes processed by aqueous tape casting for IT-SOFC. <i>Journal of the European Ceramic Society</i> , 2017 , 37, 5233-5237	6	13
228	Bentonites functionalized by impregnation with TiO ₂ , Ag, Pd and Au nanoparticles. <i>Applied Clay Science</i> , 2017 , 146, 1-6	5.2	18
227	An estimate of quartz content and particle size in porcelain tiles from young's modulus measurements. <i>Ceramics International</i> , 2017 , 43, 2233-2238	5.1	7
226	Ni(OH) ₂ Aerogels Incorporated with Polypyrrole as Electrodes for Supercapacitors. <i>Journal of Electronic Materials</i> , 2017 , 46, 5232-5239	1.9	9
225	Processing of Copper Based Foil Hardened with Zirconia by Non-Deformation Method. <i>Materials Research</i> , 2017 , 20, 835-842	1.5	2

224	Transparent ceramic and glass-ceramic materials for armor applications. <i>Ceramics International</i> , 2017 , 43, 13031-13046	5.1	43
223	Microwave-assisted synthesis and dielectric properties of Al ₂ O ₃ •MgAl ₂ O ₄ spinel composites from ironsand. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 17131-17139	2.1	1
222	Influence of synthesis parameters on sol-gel transition and physical properties of Nb ₂ O ₅ mesoporous ambigels. <i>Journal of Sol-Gel Science and Technology</i> , 2017 , 83, 537-544	2.3	4
221	Processing and strengthening of 58S bioactive glass-infiltrated titania scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2017 , 105, 590-600	5.4	16
220	Direct coagulation casting of nano-8YSZ powder suspensions using nano-MgO as coagulating agent. <i>Ceramics International</i> , 2017 , 43, 316-323	5.1	11
219	Surface energy effects on the stability of anatase and rutile nanocrystals: A predictive diagram for Nb ₂ O ₅ -doped-TiO ₂ . <i>Applied Surface Science</i> , 2017 , 393, 103-109	6.7	27
218	Alumina/copper foams produced by replica using a double impregnation process. <i>Advances in Applied Ceramics</i> , 2017 , 116, 85-91	2.3	2
217	Industrial Wastes as Alternative Mineral Addition in Portland Cement and as Aggregate in Coating Mortars. <i>Materials Research</i> , 2017 , 20, 358-364	1.5	6
216	Characterization of silver nanoparticles produced by biosynthesis mediated by Fusarium oxysporum under different processing conditions. <i>Bioprocess and Biosystems Engineering</i> , 2017 , 40, 1291-1303	3.7	10
215	Selective Laser Sintering of Polyamide/Hydroxyapatite Scaffolds. <i>Minerals, Metals and Materials Series</i> , 2017 , 95-103	0.3	0
214	Chemical tempering of porcelain tiles. <i>Ceramics International</i> , 2016 , 42, 15199-15202	5.1	10
213	Rheological Behavior of Paraffin-Alumina Emulsions and their Microstructural Effects. <i>Materials Science Forum</i> , 2016 , 869, 85-90	0.4	1
212	Doped and undoped anatase-based plates obtained from paper templates for photocatalytic oxidation of NOX. <i>Ceramics International</i> , 2016 , 42, 12074-12083	5.1	9
211	Photocatalytic Nb ₂ O ₅ -doped TiO ₂ nanoparticles for glazed ceramic tiles. <i>Ceramics International</i> , 2016 , 42, 5113-5122	5.1	29
210	Nanocrystalline yttria-doped zirconia sintered by fast firing. <i>Materials Letters</i> , 2016 , 166, 196-200	3.3	24
209	Life cycle assessment of the production of Portland cement: a Southern Europe case study. <i>Journal of Cleaner Production</i> , 2016 , 126, 159-165	10.3	41
208	Synthesis of Ca-doped spinel by Ultrasonic Spray Pyrolysis. <i>Materials Letters</i> , 2016 , 171, 232-235	3.3	11
207	Fabrication of Ti ₃ SiC ₂ -based composites via three-dimensional printing: Influence of processing on the final properties. <i>Ceramics International</i> , 2016 , 42, 9557-9564	5.1	23

206	Dip coating of a carbon steel sheet with Ni reinforced TiO ₂ nanoparticles. <i>Materials Research</i> , 2016 , 19, 648-653	1.5	2
205	Produção e caracterização de uma liga Fe-Ni obtida por processamento coloidal aquoso e reação de estado sólido. <i>Revista Materia</i> , 2016 , 21, 921-929	0.8	
204	Synthesis and oxygen transport properties of La ₂ Sr _{1-x} Ni _{1+x} MoxO _{4+δ} . <i>Solid State Ionics</i> , 2016 , 292, 38-44	3.3	13
203	Current developments in reversible solid oxide fuel cells. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 61, 155-174	16.2	178
202	Life cycle assessment of the production of cement: A Brazilian case study. <i>Journal of Cleaner Production</i> , 2016 , 137, 1293-1299	10.3	59
201	Incremento de resistencia mecánica en materiales de gres porcelánico a partir de tratamiento químico de intercambio iónico. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2016 , 55, 197-201	1.9	4
200	Influencia de las tensiones residuales sobre el comportamiento frente al corte del gres porcelánico esmaltado. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2016 , 55, 143-151	1.9	2
199	Assessment of the single and combined effect of superabsorbent particles and porogenic agents in nanotitania-containing mortars. <i>Energy and Buildings</i> , 2016 , 127, 980-990	7	18
198	Multilayered ceramic composites – a review. <i>Advances in Applied Ceramics</i> , 2015 , 114, 127-138	2.3	29
197	Development of mortars containing superabsorbent polymer. <i>Construction and Building Materials</i> , 2015 , 95, 575-584	6.7	36
196	Advances and Challenges for the Co-processing in Latin American Cement Industry 2015 , 9, 571-577		15
195	Cellular ceramics by gelatin gelcasting of emulsified suspensions with sunflower oil. <i>Journal of the European Ceramic Society</i> , 2015 , 35, 2577-2585	6	20
194	Microstructure and flexural properties of multilayered fiber-reinforced oxide composites fabricated by a novel lamination route. <i>Ceramics International</i> , 2015 , 41, 7836-7846	5.1	17
193	Powder Metallurgical Synthesis of Biodegradable Mg-Hydroxyapatite Composites for Biomedical Applications. <i>Materials Science Forum</i> , 2015 , 828-829, 165-171	0.4	4
192	Mechanical tests and simulation on load sharing in alumina fiber bundles. <i>Ceramics International</i> , 2015 , 41, 13257-13263	5.1	2
191	ZrO ₂ fiber-matrix interfaces in alumina fiber-reinforced model composites. <i>Journal of the European Ceramic Society</i> , 2015 , 35, 1593-1598	6	18
190	Synthesis of biomorphic paper-derived anatase. <i>Materials Letters</i> , 2015 , 141, 275-279	3.3	6
189	Environmental performance and energy assessment of fired-clay brick masonry 2015 , 447-459		2

188	Evaluation of resistances to fluid flow in fibrous ceramic medium. <i>Applied Mathematical Modelling</i> , 2015 , 39, 7197-7210	4.5	4
187	Obtaining highly dense YSZ nanoceramics by pressureless, unassisted sintering. <i>International Materials Reviews</i> , 2015 , 60, 353-375	16.1	27
186	The influence of TiO ₂ nanoparticles and polyacrylonitrile fibers on the rheological behavior and hardened properties of mortars. <i>Construction and Building Materials</i> , 2015 , 75, 315-330	6.7	16
185	Otimiza reolgica de suspenses aquosas de ido de ferro (III). <i>Revista Materia</i> , 2015 , 20, 185-192	0.8	1
184	Powder Metallurgical Synthesis of Biodegradable Mg-Hydroxyapatite Composites for Biomedical Applications 2015 , 425-429		
183	The co-processing operation in Latin America and Europe cement industries 2015 , 335-340		
182	Comparative study of the adsorption of acetaminophen on activated carbons in simulated gastric fluid. <i>SpringerPlus</i> , 2014 , 3, 48		12
181	Charcoal produced from cellulosic raw materials by microwave-assisted hydrothermal carbonization. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014 , 117, 269-275	4.1	23
180	TiO ₂ nanoparticulated LZSA glass-ceramic matrix composites. <i>Ceramics International</i> , 2014 , 40, 9535-9540	4.1	2
179	Formulation of ceramic engobes with recycled glass using mixture design. <i>Journal of Cleaner Production</i> , 2014 , 69, 243-249	10.3	18
178	The influence of TiO ₂ and ZnO powder mixtures on photocatalytic activity and rheological behavior of cement pastes. <i>Construction and Building Materials</i> , 2014 , 65, 191-200	6.7	33
177	Particle-Filled Polysilazane Coatings for Steel Protection. <i>Advanced Materials Research</i> , 2014 , 975, 149-153	5.5	2
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