

# Rodrigo Moreno

## 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.

306  
papers

5,557  
citations

34  
h-index

48  
g-index

322  
ext. papers

6,079  
ext. citations

4.5  
avg, IF

6.04  
L-index

#	Paper	IF	Citations
306	Challenging zircon coatings by suspension plasma spraying. <i>Journal of the European Ceramic Society</i> , <b>2022</b> ,	6	1
305	Rheological Properties of Different Graphene Nanomaterials in Biological Media. <i>Materials</i> , <b>2022</b> , 15, 3593	3.5	1
304	Consolidation of complex-shape zircon compacts through agar gelation. <i>European Journal of Materials</i> , <b>2022</b> , 2, 407-421		0
303	Colloidal sol-gel: A powerful low-temperature aqueous synthesis route of nanosized powders and suspensions. <i>Open Ceramics</i> , <b>2021</b> , 8, 100200	3.3	1
302	Microfluidic rheology: A new approach to measure viscosity of ceramic suspensions at extremely high shear rates. <i>Open Ceramics</i> , <b>2021</b> , 5, 100052	3.3	4
301	Calculation of Dynamic Viscosity in Concentrated Cementitious Suspensions: Probabilistic Approximation and Bayesian Analysis. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
300	Microstructure and mechanical properties of 4YTZP-SiC composites obtained through colloidal processing and Spark Plasma Sintering. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , <b>2021</b> , 60, 175-182	1.9	2
299	Transient liquid-phase assisted spark-plasma sintering and dry sliding wear of B4C ceramics fabricated from B4C nanopowders. <i>Journal of the European Ceramic Society</i> , <b>2021</b> , 41, 1869-1877	6	12
298	The Possible Detriment of Oxygen in Creep of Alumina and Zirconia Ceramic Composites Reinforced with Graphene. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
297	Aqueous tape casting of super-hard B4C laminates with rGO-enriched reinforcing interlayers. <i>Journal of the European Ceramic Society</i> , <b>2021</b> , 41, 5457-5465	6	4
296	Berry fruits as source of pectin: Conventional and non-conventional extraction techniques. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 186, 962-974	7.9	7
295	Dielectric, mechanical and thermal properties of ZrO <sub>2</sub> -TiO <sub>2</sub> materials obtained by microwave sintering at low temperature. <i>Ceramics International</i> , <b>2021</b> , 47, 27334-27341	5.1	3
294	Tribological behavior of TZ4YS-MoSi <sub>2</sub> composites obtained by Spark Plasma Sintering. <i>Journal of the European Ceramic Society</i> , <b>2021</b> , 41, 7155-7163	6	1
293	Non-linear rheological behavior of superplasticized cementitious suspensions at high shear rates. <i>Construction and Building Materials</i> , <b>2021</b> , 306, 124825	6.7	0
292	Extraction optimization and structural characterization of pectin from persimmon fruit ( <i>Diospyros kaki</i> Thunb. var. Rojo brillante). <i>Carbohydrate Polymers</i> , <b>2021</b> , 272, 118411	10.3	4
291	Flash sintering of yttria-stabilized zirconia/graphene nano-platelets composite. <i>Ceramics International</i> , <b>2020</b> , 46, 23266-23270	5.1	9
290	Processing of orthotropic and isotropic superhard B4C composites reinforced with reduced graphene oxide. <i>Journal of the European Ceramic Society</i> , <b>2020</b> , 40, 3406-3413	6	12

289	Better ceramics through colloid chemistry. <i>Journal of the European Ceramic Society</i> , <b>2020</b> , 40, 559-587	6	27
288	Engineering zirconia coating microstructures by using saccharides in aqueous suspension plasma spraying feedstocks. <i>Ceramics International</i> , <b>2020</b> , 46, 23749-23759	5.1	4
287	Pressureless ultrafast sintering of near-net-shaped superhard isotropic B4C/rGO composites with Ti-Al additives. <i>Journal of the European Ceramic Society</i> , <b>2020</b> , 40, 4354-4360	6	11
286	Determination of the plastic viscosity of superplasticized cement pastes through capillary viscometers. <i>Construction and Building Materials</i> , <b>2020</b> , 260, 119715	6.7	2
285	Comparison of different silica sources in the development of plasma sprayed 45S5 bioactive glass coatings. <i>Journal of Non-Crystalline Solids</i> , <b>2020</b> , 544, 120164	3.9	
284	Manufacturing B4C parts with Ti-Al intermetallics by aqueous colloidal processing. <i>Journal of the European Ceramic Society</i> , <b>2020</b> , 40, 226-233	6	11
283	Influence of solids concentration on the microstructure of suspension plasma sprayed Y-TZP/Al <sub>2</sub> O <sub>3</sub> /SiC composite coatings. <i>Surface and Coatings Technology</i> , <b>2019</b> , 371, 143-150	4.4	10
282	Annealing duration influence on dip-coated CZTS thin films properties obtained by sol-gel method. <i>Optik</i> , <b>2019</b> , 187, 1-8	2.5	8
281	Reinforcing effect of graphene nanoplatelets in the electrochemical behaviour of manganese oxide-based supercapacitors produced by EPD. <i>Ceramics International</i> , <b>2019</b> , 45, 14316-14321	5.1	10
280	Role of exchange parameters for ultrafast thermally induced magnetization switching in ferrimagnets. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	7
279	Effect of fructose-containing feedstocks on the microstructure of multicomponent coatings deposited by suspension plasma spraying. <i>Journal of the European Ceramic Society</i> , <b>2019</b> , 39, 3433-3441	6	7
278	Optimization of laser-patterned YSZ-LSM composite cathode-electrolyte interfaces for solid oxide fuel cells. <i>Journal of the European Ceramic Society</i> , <b>2019</b> , 39, 3466-3474	6	11
277	Structural and Rheological Properties of Pectins Extracted from Industrial Sugar Beet By-Products. <i>Molecules</i> , <b>2019</b> , 24,	4.8	31
276	Morphological, technological and nutritional properties of flours and starches from mashua ( <i>Tropaeolum tuberosum</i> ) and melloco ( <i>Ullucus tuberosus</i> ) cultivated in Ecuador. <i>Food Chemistry</i> , <b>2019</b> , 301, 125268	8.5	12
275	Influence of relative humidity and low temperature hydrothermal degradation on fretting wear of Y-TZP dental ceramics. <i>Wear</i> , <b>2019</b> , 428-429, 1-9	3.5	3
274	Controlling colloidal processing of (K,Na)NbO <sub>3</sub> -based materials in aqueous medium. <i>Journal of the European Ceramic Society</i> , <b>2019</b> , 39, 3456-3461	6	2
273	Colloidal and rheological characterization of SWCNT in biological media. <i>International Journal of Smart and Nano Materials</i> , <b>2019</b> , 10, 300-315	3.6	2
272	Electrophoretic deposition of manganese oxide and graphene nanoplatelets on graphite paper for the manufacture of supercapacitor electrodes. <i>Electrochimica Acta</i> , <b>2019</b> , 294, 102-109	6.7	41

271	Environmentally-friendly magnetoelectric ceramic multilayer composites by water-based tape casting. <i>Journal of the European Ceramic Society</i> , <b>2019</b> , 39, 1065-1072	6	13
270	Li <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> nanostructured composites for microelectronics applications. <i>Journal of the European Ceramic Society</i> , <b>2019</b> , 39, 491-498	6	9
269	Microstructure assessment of suspension plasma spraying coatings from multicomponent submicronic Y-TZP/Al <sub>2</sub> O <sub>3</sub> /SiC particles. <i>Ceramics International</i> , <b>2018</b> , 44, 12014-12020	5.1	11
268	Preparation of citrus pectin gels by power ultrasound and its application as an edible coating in strawberries. <i>Journal of the Science of Food and Agriculture</i> , <b>2018</b> , 98, 4866-4875	4.3	19
267	Photocatalytic activity of nanocrystalline TiNb <sub>2</sub> O <sub>7</sub> obtained by a colloidal sol-gel route. <i>Ceramics International</i> , <b>2018</b> , 44, 7122-7127	5.1	11
266	Microwave-assisted synthesis of TiO <sub>2</sub> nanoparticles: photocatalytic activity of powders and thin films. <i>Journal of Nanoparticle Research</i> , <b>2018</b> , 20, 1	2.3	39
265	Microwave-assisted solution synthesis, microwave sintering and magnetic properties of cobalt ferrite. <i>Journal of the European Ceramic Society</i> , <b>2018</b> , 38, 2360-2368	6	51
264	Graphene or carbon nanofiber-reinforced zirconia composites: Are they really worthwhile for structural applications?. <i>Journal of the European Ceramic Society</i> , <b>2018</b> , 38, 3994-4002	6	16
263	Fabricating eco-friendly nanocomposites of SiC with morphologically-different nano-carbonaceous phases. <i>Journal of the European Ceramic Society</i> , <b>2018</b> , 38, 3735-3741	6	3
262	Aqueous suspension processing of multicomponent submicronic Y-TZP/Al <sub>2</sub> O <sub>3</sub> /SiC particles for suspension plasma spraying. <i>Journal of the European Ceramic Society</i> , <b>2018</b> , 38, 2430-2439	6	13
261	Synthesis of CaTiO <sub>3</sub> and CaTiO <sub>3</sub> /TiO <sub>2</sub> nanoparticulate compounds through Ca <sup>2+</sup> /TiO <sub>2</sub> colloidal sols: Structural and photocatalytic characterization. <i>Ceramics International</i> , <b>2018</b> , 44, 301-309	5.1	15
260	Evidencing early pyrochlore formation in rare-earth doped TiO <sub>2</sub> nanocrystals: Structure sensing via VIS and NIR Er <sup>3+</sup> light emission. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 735, 2267-2274	5.7	6
259	Stability of Oligosaccharides Derived from Lactose and Lactulose regarding Rheological and Thermal Properties. <i>Journal of Food Quality</i> , <b>2018</b> , 2018, 1-9	2.7	3
258	Preparation of manganese oxide - graphite electrodes by electrophoretic deposition. <i>Ceramics International</i> , <b>2017</b> , 43, 3231-3237	5.1	7
257	Liquid-phase assisted spark-plasma sintering of SiC nanoceramics and their nanocomposites with carbon nanotubes. <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 1929-1936	6	28
256	Friction and wear behavior of alumina-based graphene and CNFs composites. <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 3805-3812	6	25
255	High-temperature creep of carbon nanofiber-reinforced and graphene oxide-reinforced alumina composites sintered by spark plasma sintering. <i>Ceramics International</i> , <b>2017</b> , 43, 7136-7141	5.1	14
254	Properties of LZS/nanoAl <sub>2</sub> O <sub>3</sub> glass-ceramic composites. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 710, 567-574	5.7	23

253	Microwave-assisted synthesis of Nb <sub>2</sub> O <sub>5</sub> for photocatalytic application of nanopowders and thin films. <i>Journal of Materials Research</i> , <b>2017</b> , 32, 3271-3278	2.5	33
252	LZS/Al <sub>2</sub> O <sub>3</sub> nanostructured composites obtained by colloidal processing and spark plasma sintering. <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 5139-5148	6	4
251	Carbon nanofibers replacing graphene oxide in ceramic composites as a reinforcing-phase: Is it feasible?. <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 3791-3796	6	12
250	Fretting fatigue wear behavior of Y-TZP dental ceramics processed by non-conventional microwave sintering. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 1842-1852	3.8	7
249	LZS/Al <sub>2</sub> O <sub>3</sub> Glass-Ceramic Composites Sintered by Fast Firing. <i>Materials Research</i> , <b>2017</b> , 20, 84-91	1.5	2
248	Processing of Copper Based Foil Hardened with Zirconia by Non-Deformation Method. <i>Materials Research</i> , <b>2017</b> , 20, 835-842	1.5	2
247	Modeling of effective anisotropies in FeCo and Co nanowires <b>2017</b> ,		1
246	Near-net shape manufacture of B <sub>4</sub> Câ€œ and ZrCâ€œ composites by slip casting and pressureless sintering. <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 4577-4584	6	27
245	Structure-property relationships for Eu doped TiO <sub>2</sub> thin films grown by a laser assisted technique from colloidal sols. <i>RSC Advances</i> , <b>2017</b> , 7, 37643-37653	3.7	22
244	Liquid-phase assisted flash sintering of SiC from powder mixtures prepared by aqueous colloidal processing. <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 485-498	6	28
243	Self-supported ceramic substrates with directional porosity by mold freeze casting. <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 697-703	6	13
242	Al <sub>2</sub> O <sub>3</sub> Nanoparticulate LZS Glassâ€œ Ceramic Matrix Composites for Production of Multilayered Materials. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 3573-3580	3.8	11
241	Enhancing the sliding-wear resistance of SiC nanostructured ceramics by adding carbon nanotubes. <i>Journal of the European Ceramic Society</i> , <b>2016</b> , 36, 3083-3089	6	31
240	Colloidal processing of fully stabilized zirconia laminates comprising graphene oxide-enriched layers. <i>Journal of the European Ceramic Society</i> , <b>2016</b> , 36, 1797-1804	6	20
239	Aqueous colloidal processing of near-net shape B <sub>4</sub> Câ€œ Ni cermet compacts. <i>Journal of the European Ceramic Society</i> , <b>2016</b> , 36, 1915-1921	6	16
238	Effect of graphene and CNFs addition on the mechanical and electrical properties of dense alumina-toughened zirconia composites. <i>Ceramics International</i> , <b>2016</b> , 42, 1105-1113	5.1	12
237	Dip coating of a carbon steel sheet with Ni reinforced TiO <sub>2</sub> nanoparticles. <i>Materials Research</i> , <b>2016</b> , 19, 648-653	1.5	2
236	Produç e caracterizaç de uma liga Fe-Ni obtida por processamento coloidal aquoso e reaç de estado sãdo. <i>Revista Materia</i> , <b>2016</b> , 21, 921-929	0.8	

235	CeO <sub>2</sub> pellet fabrication as spent fuel matrix analogue. <i>Journal of the European Ceramic Society</i> , <b>2016</b> , 36, 3505-3512	6	3
234	Study of optical and structural properties of CZTS thin films grown by co-evaporation and spray pyrolysis. <i>Journal of Physics: Conference Series</i> , <b>2016</b> , 687, 012041	0.3	18
233	Bioactive glass suspensions preparation for suspension plasma spraying. <i>Journal of the European Ceramic Society</i> , <b>2016</b> , 36, 4281-4290	6	7
232	Colloidal Sol-Gel Synthesis and Photocatalytic Activity of Nanoparticulate Nb <sub>2</sub> O <sub>5</sub> Sols. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 1968-1973	3.8	20
231	The influence of nano alumina additions on the coefficient of thermal expansion of a LZS glass-ceramic composition. <i>Ceramics International</i> , <b>2016</b> , 42, 8620-8626	5.1	11
230	Temperature-dependent exchange stiffness and domain wall width in Co. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	61
229	Alumina-zirconia coatings obtained by suspension plasma spraying from highly concentrated aqueous suspensions. <i>Surface and Coatings Technology</i> , <b>2016</b> , 307, 713-719	4.4	11
228	Processing and mechanical properties of mullite and mullite-alumina composites reinforced with carbon nanofibers. <i>Journal of the European Ceramic Society</i> , <b>2015</b> , 35, 3613-3621	6	17
227	Aqueous colloidal processing of nano-SiC and its nano-Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> liquid-phase sintering additives with carbon nanotubes. <i>Journal of the European Ceramic Society</i> , <b>2015</b> , 35, 3363-3368	6	23
226	Feedstock suspensions and solutions <b>2015</b> , 51-80		2
225	Application of plasma-sprayed TiO <sub>2</sub> coatings for industrial (tannery) wastewater treatment. <i>Ceramics International</i> , <b>2015</b> , 41, 14468-14474	5.1	19
224	Effect of particle size distribution of suspension feedstock on the microstructure and mechanical properties of suspension plasma spraying YSZ coatings. <i>Surface and Coatings Technology</i> , <b>2015</b> , 268, 293-297	4.4	32
223	Structural and Photoluminescence Study of Eu <sup>3+</sup> /TiO <sub>2</sub> Xerogels as a Function of the Temperature Using Optical Techniques. <i>Journal of the American Ceramic Society</i> , <b>2015</b> , 98, 338-345	3.8	11
222	Strontium and cobalt doped-lanthanum chromite: Characterisation of synthesised powders and sintered materials. <i>Ceramics International</i> , <b>2015</b> , 41, 1177-1187	5.1	9
221	Fracture strength and fracture toughness of zirconium titanate-zirconia bulk composite materials. <i>Journal of the European Ceramic Society</i> , <b>2015</b> , 35, 277-283	6	5
220	Role of suspension preparation in the spray drying process to obtain nano/submicrostructured YSZ powders for atmospheric plasma spraying. <i>Journal of the European Ceramic Society</i> , <b>2015</b> , 35, 237-247	6	13
219	Role of shaping in the preparation of heterogeneous catalysts: Tableting and slip-casting of oxidation catalysts. <i>Catalysis Today</i> , <b>2015</b> , 246, 81-91	5.3	17
218	Effect of additives on porosity of alumina materials obtained by freeze casting. <i>Advances in Applied Ceramics</i> , <b>2015</b> , 114, 296-302	2.3	13



217	Hydrothermal Degradation Behavior of Y-TZP Ceramics Sintered by Nonconventional Microwave Technology. <i>Journal of the American Ceramic Society</i> , <b>2015</b> , 98, 3680-3689	3.8	8
216	Effect of microwave sintering on microstructure and mechanical properties in Y-TZP materials used for dental applications. <i>Ceramics International</i> , <b>2015</b> , 41, 7125-7132	5.1	33
215	Porous Mullite Ceramics Formed by Direct Consolidation Using Native and Granular Cold-Water-Soluble Starches. <i>Journal of the American Ceramic Society</i> , <b>2014</b> , 97, 1074-1082	3.8	19
214	Effect of the RE (RE=Eu, Er) doping on the structural and textural properties of mesoporous TiO <sub>2</sub> thin films obtained by evaporation induced self-assembly method. <i>Thin Solid Films</i> , <b>2014</b> , 558, 140-148	2.2	16
213	TiO <sub>2</sub> /Eu <sup>3+</sup> Thin Films with High Photoluminescence Emission Prepared by Electrophoretic Deposition from Nanoparticulate Sols. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 5152-5159	2.3	11
212	Rare earth-doped TiO <sub>2</sub> nanocrystalline thin films: Preparation and thermal stability. <i>Journal of the European Ceramic Society</i> , <b>2014</b> , 34, 4457-4462	6	18
211	Preparation of feedstocks from nano/submicron-sized TiO <sub>2</sub> particles to obtain photocatalytic coatings by atmospheric plasma spraying. <i>Ceramics International</i> , <b>2014</b> , 40, 16213-16225	5.1	5
210	Al <sub>2</sub> O <sub>3</sub> -3YTZP-Graphene multilayers produced by tape casting and spark plasma sintering. <i>Journal of the European Ceramic Society</i> , <b>2014</b> , 34, 2427-2434	6	23
209	ZrTiO <sub>4</sub> materials obtained by spark plasma reaction-sintering. <i>Composites Part B: Engineering</i> , <b>2014</b> , 56, 330-335	10	8
208	Tape casting of alumina/zirconia suspensions containing graphene oxide. <i>Journal of the European Ceramic Society</i> , <b>2014</b> , 34, 1819-1827	6	31
207	Sliding-wear resistance of liquid-phase-sintered SiC containing graphite nanodispersoids. <i>Journal of the European Ceramic Society</i> , <b>2014</b> , 34, 2597-2602	6	25
206	Colloidal processing of highly concentrated aqueous copper suspensions. <i>Powder Technology</i> , <b>2014</b> , 256, 540-544	5.2	3
205	Rheological behaviour of submicron mullite-carbon nanofiber suspensions for Atmospheric Plasma Spraying coatings. <i>Journal of the European Ceramic Society</i> , <b>2014</b> , 34, 475-483	6	7
204	Carbon nanotubes prevent the coagulation at high shear rates of aqueous suspensions of equiaxed ceramic nanoparticles. <i>Journal of the European Ceramic Society</i> , <b>2014</b> , 34, 555-563	6	11
203	Fabrication and electrical characterization of several YSZ tapes for SOFC applications. <i>Ceramics International</i> , <b>2014</b> , 40, 14253-14259	5.1	18
202	Shaping of Dense Advanced Ceramics and Coatings by Gelation of Polysaccharides. <i>Advanced Engineering Materials</i> , <b>2014</b> , 16, 637-654	3.5	15
201	Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -PbTiO <sub>3</sub> Textured Ceramics with High Piezoelectric Response by a Novel Templated Grain Growth Approach. <i>Journal of the American Ceramic Society</i> , <b>2014</b> , 97, 420-426	3.8	21
200	Characterization and fabrication of LSCF tapes. <i>Journal of the European Ceramic Society</i> , <b>2014</b> , 34, 953-959	11	11

199	Synthesis and photocatalytic activity of Eu <sup>3+</sup> -doped nanoparticulate TiO <sub>2</sub> sols and thermal stability of the resulting xerogels. <i>Materials Chemistry and Physics</i> , <b>2014</b> , 144, 8-16	4.4	22
198	Effect of Er <sup>3+</sup> doping on the thermal stability of TiO <sub>2</sub> nanoparticulate xerogels. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	15
197	Aqueous colloidal processing of submicrometric SiC plus Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> with diamond nanoparticles. <i>Journal of the European Ceramic Society</i> , <b>2013</b> , 33, 2473-2482	6	13
196	Elastic behaviour of zirconium titanate-zirconia bulk composite materials at room and high temperature. <i>Journal of the European Ceramic Society</i> , <b>2013</b> , 33, 3195-3200	6	7
195	Influence of the feedstock characteristics on the microstructure and properties of Al <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> plasma-sprayed coatings. <i>Surface and Coatings Technology</i> , <b>2013</b> , 220, 74-79	4.4	23
194	Understanding the molecular basics behind catalyst shaping: Preparation of suspensions of vanadium-aluminum mixed (hydr)oxides. <i>Applied Catalysis A: General</i> , <b>2013</b> , 468, 190-203	5.1	12
193	Study of colloidal behaviour and rheology of Al <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> nanosuspensions to obtain free-flowing spray-dried granules for atmospheric plasma spraying. <i>Ceramics International</i> , <b>2013</b> , 39, 8103-8111	5.1	11
192	Atmospheric plasma spraying coatings from alumina/titania feedstock comprising bimodal particle size distributions. <i>Journal of the European Ceramic Society</i> , <b>2013</b> , 33, 3313-3324	6	20
191	Dispersion of mixtures of submicrometer and nanometre sized titanias to obtain porous bodies. <i>Ceramics International</i> , <b>2013</b> , 39, 9091-9097	5.1	2
190	EPD and spark plasma sintering of bimodal alumina/titania concentrated suspensions. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 577, 195-202	5.7	4
189	Microstructure and photocatalytic activity of APS coatings obtained from different TiO <sub>2</sub> nanopowders. <i>Surface and Coatings Technology</i> , <b>2013</b> , 220, 179-186	4.4	16
188	Manufacture of a non-stoichiometric LSM cathode SOFC material by aqueous tape casting. <i>Journal of the European Ceramic Society</i> , <b>2013</b> , 33, 1137-1143	6	8
187	Enhanced Hydrothermal Resistance of Y-TZP Ceramics Through Colloidal Processing. <i>Journal of the American Ceramic Society</i> , <b>2013</b> , 96, 1070-1076	3.8	14
186	Aqueous colloidal processing of carriers for delivering silica nanoparticles in iron matrix nanocomposites. <i>Materials Research Bulletin</i> , <b>2013</b> , 48, 2430-2436	5.1	6
185	Aqueous colloidal processing of SiC with Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> liquid-phase sintering additives. <i>Journal of the European Ceramic Society</i> , <b>2013</b> , 33, 1685-1694	6	22
184	Enhanced properties of alumina/aluminium titanate composites obtained by spark plasma reaction-sintering of slip cast green bodies. <i>Composites Part B: Engineering</i> , <b>2013</b> , 47, 255-259	10	21
183	Colloidal stability of gadolinium-doped ceria powder in aqueous and non-aqueous media. <i>Journal of the European Ceramic Society</i> , <b>2013</b> , 33, 297-303	6	19
182	Electrophoretic deposition of TiO <sub>2</sub> /Er <sup>3+</sup> nanoparticulate sols. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 1556-62	3.4	17



181	Influência da atmosfera na sinterização do cromito de lantânio dopado. <i>Ceramica</i> , <b>2013</b> , 59, 366-371	1	
180	Synthesis and Characterization of Anatase-Structured Titania Hollow Spheres Doped with Erbium (III). <i>Journal of the American Ceramic Society</i> , <b>2012</b> , 95, 3005-3011	3.8	16
179	Structural characterization of bulk ZrTiO <sub>4</sub> and its potential for thermal shock applications. <i>Journal of the European Ceramic Society</i> , <b>2012</b> , 32, 299-306	6	28
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27	Characterization of Si <sub>3</sub> N <sub>4</sub> powders in aqueous dispersions. <i>Ceramica</i> , <b>1998</b> , 44, 141-145	1	2
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25	Correlation Between Rheological Behaviour of Alumina Slips and Characteristics of Pressure Cast Bodies. <i>Key Engineering Materials</i> , <b>1997</b> , 132-136, 346-349	0.4	
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13	Functionally gradient ceramics by sequential slip casting. <i>Materials Letters</i> , <b>1992</b> , 14, 333-335	3.3	33
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8	Acid-basic stability of Y-TZP ceramics. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>1989</b> , 109, 97-99	5.3	19
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