

Sandra H Pulcinelli

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.

231
papers

4,580
citations

36
h-index

53
g-index

237
ext. papers

5,010
ext. citations

4.1
avg, IF

5.43
L-index

#	Paper	IF	Citations
231	Control of the structure and of the release profile of biological active molecules from materials prepared via sol-gel. <i>Journal of Sol-Gel Science and Technology</i> , 2022 , 101, 71-86	2.3	
230	Fingerprint of semi-crystalline structure memory in the thermal and ionic conduction properties of amorphous ureasil-polyether hybrid solid electrolytes.. <i>RSC Advances</i> , 2022 , 12, 5225-5235	3.7	
229	Glycerol-based polyurethane-silica organic-inorganic hybrid as an anticorrosive coating. <i>Progress in Organic Coatings</i> , 2022 , 169, 106939	4.8	
228	Zeta Potential and Colloidal Stability Predictions for Inorganic Nanoparticle Dispersions: Effects of Experimental Conditions and Electrokinetic Models on the Interpretation of Results. <i>Langmuir</i> , 2021 , 37, 13379-13389	4	13
227	Smart PMMA-cerium oxide anticorrosive coatings: Effect of ceria content on structure and electrochemical properties. <i>Progress in Organic Coatings</i> , 2021 , 161, 106548	4.8	0
226	Sol-gel synthesis of nanocrystalline MgO and its application as support in Ni/MgO catalysts for ethanol steam reforming. <i>Applied Surface Science</i> , 2021 , 542, 148744	6.7	6
225	Protective PMMA-silica coatings for aluminum alloys: Nanostructural control of elevated thermal stability and anticorrosive performance. <i>Progress in Organic Coatings</i> , 2021 , 152, 106129	4.8	2
224	Effect of Ce(III) and Ce(IV) ions on the structure and active protection of PMMA-silica coatings on AA7075 alloy. <i>Corrosion Science</i> , 2021 , 189, 109581	6.8	6
223	Liquid crystals as pore template for sulfated zirconia. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 600, 124907	5.1	
222	Quick-EXAFS and Raman monitoring of activation, reaction and deactivation of NiCu catalysts obtained from hydrotalcite-like precursors. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 18835-18848	3.6	4
221	Hydroxyapatite and TCP modified PMMA-TiO and PMMA-ZrO coatings for bioactive corrosion protection of Ti6Al4V implants. <i>Materials Science and Engineering C</i> , 2020 , 116, 111149	8.3	17
220	Fenton-like degradation of methylene blue using Mg/Fe and MnMg/Fe layered double hydroxides as reusable catalysts. <i>Applied Clay Science</i> , 2020 , 187, 105477	5.2	20
219	PMMA-silica nanocomposite coating: Effective corrosion protection and biocompatibility for a Ti6Al4V alloy. <i>Materials Science and Engineering C</i> , 2020 , 110, 110713	8.3	15
218	Barrier properties of high performance PMMA-silica anticorrosion coatings. <i>Progress in Organic Coatings</i> , 2020 , 138, 105398	4.8	16
217	A comparative study on PMMA-TiO ₂ and PMMA-ZrO ₂ protective coatings. <i>Progress in Organic Coatings</i> , 2020 , 140, 105477	4.8	12
216	Conjugation of superparamagnetic iron oxide nanoparticles and curcumin photosensitizer to assist in photodynamic therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 196, 111297	6	8
215	Controlling the porosity and crystallinity of MgO catalysts by addition of surfactant in the sol-gel synthesis. <i>Catalysis Today</i> , 2020 , 344, 52-58	5.3	5

214	Activation of Mo and V oxides supported on ZSM-5 zeolite catalysts followed by in situ XAS and XRD and their uses in oxydehydrogenation of glycerol. <i>Molecular Catalysis</i> , 2020 , 481, 110158	3.3	9
213	Effective corrosion protection by eco-friendly self-healing PMMA-cerium oxide coatings. <i>Chemical Engineering Journal</i> , 2020 , 383, 123219	14.7	38
212	Structural and Electronic Properties of Iron-Doped Sodium Montmorillonite Clays: A First-Principles DFT Study. <i>ACS Omega</i> , 2019 , 4, 14369-14377	3.9	5
211	Sulfated tin oxide with macro- and mesopores controlled using an integrated sol-gel and surfactant template route. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 583, 124012	5.1	2
210	In situ three-dimensional imaging of strain in gold nanocrystals during catalytic oxidation. <i>Nanoscale Advances</i> , 2019 , 1, 3009-3014	5.1	6
209	Accelerated ultraviolet aging of structural and luminescent properties of the ureasil-polyether hybrid materials U-PEO:Eu ³⁺ and U-PPO:Eu ³⁺ . <i>Polymer</i> , 2019 , 177, 102-110	3.9	0
208	Dual Role of Lithium on the Structure and Self-Healing Ability of PMMA-Silica Coatings on AA7075 Alloy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 40629-40641	9.5	13
207	In situ reactor to image catalysts at work in three-dimensions by Bragg coherent X-ray diffraction. <i>Catalysis Today</i> , 2019 , 336, 169-173	5.3	5
206	Vanadosilicate with MWW zeolite structure synthesized from VCl ₃ by cooperative assembly of organic templates. <i>Microporous and Mesoporous Materials</i> , 2019 , 279, 252-261	5.3	1
205	Operando monitoring of metal sites and coke evolution during non-oxidative and oxidative ethanol steam reforming over Ni and NiCu ex-hydrotalcite catalysts. <i>Catalysis Today</i> , 2019 , 336, 122-130	5.3	13
204	Catalytic performance of texturally improved Al-Mg mixed oxides derived from emulsion-synthesized hydrotalcites.. <i>RSC Advances</i> , 2018 , 8, 6039-6046	3.7	3
203	Highly Controlled Diffusion Drug Release from Ureasil-Poly(ethylene oxide)-Na-Montmorillonite Hybrid Hydrogel Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 19059-19068	9.5	24
202	Structure and properties of epoxy-siloxane-silica nanocomposite coatings for corrosion protection. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 617-628	9.3	34
201	Sodium montmorillonite/ureasil-poly(oxyethylene) nanocomposite as potential adsorbent of cationic dye. <i>Applied Clay Science</i> , 2018 , 152, 158-165	5.2	7
200	Studies on dispersion and reactivity of vanadium oxides deposited on lamellar ferrierite zeolites for condensation of glycerol into bulky products. <i>Molecular Catalysis</i> , 2018 , 458, 161-170	3.3	18
199	Thermal stability of PMMA-LDH nanocomposites: decoupling the physical barrier, radical trapping, and charring contributions using XAS/WAXS/Raman time-resolved experiments.. <i>RSC Advances</i> , 2018 , 8, 34670-34681	3.7	8
198	Operando XAS/Raman/MS monitoring of ethanol steam reforming reactionâregeneration cycles. <i>Catalysis Science and Technology</i> , 2018 , 8, 6297-6301	5.5	9
197	Coupling Photoluminescence and Ionic Conduction Properties Using the Different Coordination Sites of Ureasil-Polyether Hybrid Materials. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 37364-37373	9.5	6

196	Hydrothermal synthesis of Mo-V mixed oxides possessing several crystalline phases and their performance in the catalytic oxydehydration of glycerol to acrylic acid. <i>Catalysis Today</i> , 2017 , 296, 10-18	5.3	17
195	Revisiting the ZnO Q-dot Formation Toward an Integrated Growth Model: From Coupled Time Resolved UV-Vis/SAXS/XAS Data to Multivariate Analysis. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 886-895	3.8	23
194	Correlation of Sol-Gel Alumina-Supported Cobalt Catalyst Processing to Cobalt Speciation, Ethanol Steam Reforming Activity, and Stability. <i>ChemCatChem</i> , 2017 , 9, 3918-3929	5.2	16
193	Thermal treatments of precursors of molybdenum and vanadium oxides and the formed Mo x V y O z phases active in the oxydehydration of glycerol. <i>Applied Catalysis A: General</i> , 2017 , 532, 1-11	5.1	19
192	Organic-Inorganic Hybrid Coatings for Corrosion Protection of Metallic Surfaces 2017 ,		3
191	Thermal properties, nanoscopic structure and swelling behavior of chitosan/(ureasil-polyethylene oxide hybrid) blends. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 130, 791-798	4.1	4
190	Emulsion-mediated synthesis of hierarchical mesoporous-macroporous Al-Mg hydrotalcites. <i>Microporous and Mesoporous Materials</i> , 2017 , 240, 149-158	5.3	8
189	The multiple benefits of glycerol conversion to acrolein and acrylic acid catalyzed by vanadium oxides supported on micro-mesoporous MFI zeolites. <i>Catalysis Today</i> , 2017 , 289, 20-28	5.3	24
188	High surface area hierarchical porous Al ₂ O ₃ prepared by the integration of sol-gel transition and phase separation. <i>RSC Advances</i> , 2016 , 6, 57217-57226	3.7	12
187	Magnetic hyperthermia-induced drug release from ureasil-PEO-Fe ₂ O ₃ nanocomposites. <i>RSC Advances</i> , 2016 , 6, 63291-63295	3.7	13
186	A Comparative Study on Graphene Oxide and Carbon Nanotube Reinforcement of PMMA-Siloxane-Silica Anticorrosive Coatings. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16339-50	9.5	45
185	The Monoglyceride Content Affects the Self-Assembly Behavior, Rheological Properties, Syringeability, and Mucoadhesion of In Situ-Gelling Liquid Crystalline Phase. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 2355-64	3.9	10
184	Effects of crystal size, acidity, and synthesis procedure on the catalytic performance of gallium and aluminum MFI zeolites in glycerol dehydration. <i>Journal of Molecular Catalysis A</i> , 2016 , 422, 148-157		40
183	Time-resolved XAS/MS/Raman monitoring of mutual copper self-reduction and ethanol dehydrogenation reactions. <i>RSC Advances</i> , 2016 , 6, 20453-20457	3.7	22
182	Sulfated zirconia foams synthesized by integrative route combining surfactants, air bubbles and sol-gel transition applied to heterogeneous catalysis. <i>RSC Advances</i> , 2016 , 6, 6686-6694	3.7	9
181	Protective Coatings Based on PMMA-Silica Nanocomposites Reinforced with Carbon Nanotubes 2016 ,		3
180	Corrosion protection of chromium-coated steel by hybrid sol-gel coatings. <i>Surface and Coatings Technology</i> , 2016 , 299, 71-80	4.4	17
179	Unified ZnO Q-dot growth mechanism from simultaneous UV-Vis and EXAFS monitoring of sol-gel reactions induced by different alkali base. <i>Optical Materials</i> , 2016 , 61, 92-97	3.3	6

178	Loaded Ce-Ag organic-inorganic hybrids and their antibacterial activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 147, 151-160	6	5
177	Structural and optical features of ureasiloxane-polyethylene oxide hybrids containing CeO ₂ nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 471, 73-80	5.1	7
176	Glycerol dehydration catalyzed by MWW zeolites and the changes in the catalyst deactivation caused by porosity modification. <i>Applied Catalysis A: General</i> , 2015 , 495, 84-91	5.1	40
175	Lignin as immobilization matrix for HIV p17 peptide used in immunosensing. <i>Biosensors and Bioelectronics</i> , 2015 , 71, 420-426	11.8	15
174	Correlation between Structural and Catalytic Properties of Copper Supported on Porous Alumina for the Ethanol Dehydrogenation Reaction. <i>ChemCatChem</i> , 2015 , 7, 1668-1677	5.2	29
173	Siloxane-PMMA hybrid anti-corrosion coatings reinforced by lignin. <i>Surface and Coatings Technology</i> , 2015 , 275, 9-16	4.4	39
172	On the structure of high performance anticorrosive PMMA-siloxane-silica hybrid coatings. <i>RSC Advances</i> , 2015 , 5, 106754-106763	3.7	48
171	One-step glycerol oxidehydration to acrylic acid on multifunctional zeolite catalysts. <i>Applied Catalysis A: General</i> , 2015 , 492, 243-251	5.1	52
170	Structural properties of cerium doped siloxane-PMMA hybrid coatings with high anticorrosive performance. <i>RSC Advances</i> , 2015 , 5, 15414-15424	3.7	34
169	Structure and thermal behavior of PMMA-polysilsesquioxane organic-inorganic hybrids. <i>Polymer Degradation and Stability</i> , 2014 , 104, 112-119	4.7	20
168	Ureasil-polyether hybrid blend with tuneable hydrophilic/hydrophobic features based on U-PEO1900 and U-PPO400 mixtures. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 70, 317-328	2.3	20
167	Multivariate curve resolution analysis applied to time-resolved synchrotron X-ray Absorption Spectroscopy monitoring of the activation of copper alumina catalyst. <i>Catalysis Today</i> , 2014 , 229, 114-122	5.3	88
166	Fine-tuning of a nanostructure, swelling, and drug delivery profile by blending ureasil-PEO and ureasil-PPO hybrids. <i>Polymer Chemistry</i> , 2014 , 5, 1897-1904	4.9	15
165	Chitosan/(ureasil-PEO hybrid) blend for drug delivery. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 72, 233-238	2.3	15
164	Textured macro- and mesoporous alumina samples designed in the presence of different surfactant types. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 71, 9-15	2.3	6
163	Mechanisms of SnO ₂ Nanoparticles Formation and Growth in Acid Ethanol Solution Derived from SAXS and Combined Raman-RAS Time-Resolved Studies. <i>Chemistry of Materials</i> , 2014 , 26, 6777-6785	9.6	31
162	Effect of the balance between Co(II) and Co(0) oxidation states on the catalytic activity of cobalt catalysts for Ethanol Steam Reforming. <i>Catalysis Today</i> , 2014 , 229, 88-94	5.3	38
161	Improvement of the photocatalytic activity of magnetite by Mn-incorporation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014 , 181, 64-69	3.1	16

160	Structure and catalytic properties of sulfated zirconia foams. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 72, 252-259	2.3	6
159	Structural and thermal properties of carboxylic acid functionalized polythiophenes. <i>Polimeros</i> , 2014 , 24, 31-35	1.6	8
158	Polymerâlayer nanocomposites thermal stability: experimental evidence of the radical trapping effect. <i>RSC Advances</i> , 2013 , 3, 22830	3.7	26
157	Design of microstructure of zirconia foams from the emulsion template properties. <i>Soft Matter</i> , 2013 , 9, 550-558	3.6	22
156	Liquid Foam Templates Associated with the Sol-Gel Process for Production of Zirconia Ceramic Foams. <i>Materials</i> , 2013 , 6, 1967-1979	3.5	15
155	A comparative study of glycerol dehydration catalyzed by micro/mesoporous MFI zeolites. <i>Journal of Catalysis</i> , 2013 , 300, 102-112	7.3	115
154	Carbon nanotube-reinforced siloxane-PMMA hybrid coatings with high corrosion resistance. <i>Progress in Organic Coatings</i> , 2013 , 76, 601-608	4.8	53
153	Synthesis of PTSH-modified CeO ₂ nanoparticles: Effect of the modifier on structure, optical properties, and dispersibility. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 426, 63-69	5.1	5
152	Ureasil-polyether hybrid film-forming materials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 101, 156-616		22
151	XAS/WAXS Time-Resolved Phase Speciation of Chlorine LDH Thermal Transformation: Emerging Roles of Isovalent Metal Substitution. <i>Chemistry of Materials</i> , 2013 , 25, 2855-2867	9.6	40
150	Synthesis, structure, and thermal stability of poly(methyl methacrylate)-co-poly(3-tri(methoxysilyl)propyl methacrylate)/ montmorillonite nanocomposites. <i>Polymer Engineering and Science</i> , 2013 , 53, 1253-1261	2.3	10
149	Design of hierarchical porous aluminas by using one-pot synthesis and different calcination temperatures. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 63, 242-250	2.3	12
148	Highly corrosion resistant siloxane-polymethyl methacrylate hybrid coatings. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 63, 266-274	2.3	48
147	Liquid crystalline formulations containing modified surface TiO ₂ nanoparticles obtained by solâgel process. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 63, 251-257	2.3	10
146	Formation of TiO ₂ ceramic foams from the integration of the solâgel method with surfactants assembly and emulsion. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 63, 224-229	2.3	6
145	Wettability and photodegradation activity of solâgel dip-coated zinc oxide films. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 63, 230-234	2.3	4
144	Ligand exchange inducing efficient incorporation of CisPt derivatives into Ureasil-PPO hybrid and their interactions with the multifunctional hybrid network. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 7931-9	3.4	14
143	Drugâmatrix interaction of sodium diclofenac incorporated into ureasilâpoly(ethylene oxide) hybrid materials. <i>RSC Advances</i> , 2012 , 2, 5629	3.7	23

142	Effect of cerium on structure modifications of a hybrid sol-gel coating, its mechanical properties and anti-corrosion behavior. <i>Materials Research Bulletin</i> , 2012 , 47, 3170-3176	5.1	54
141	In Situ and Simultaneous UV-Vis/SAXS and UV-Vis/XAFS Time-Resolved Monitoring of ZnO Quantum Dots Formation and Growth. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 4404-4412	3.8	62
140	Constru de uma cmara para monitoramento in situ do processo de secagem de geis e slidos porosos. <i>Quimica Nova</i> , 2011 , 34, 1455-1458	1.6	3
139	Efficiency of ethanol conversion induced by controlled modification of pore structure and acidic properties of alumina catalysts. <i>Applied Catalysis A: General</i> , 2011 , 398, 59-65	5.1	26
138	Influence of particle size on the photoactivity of Ti/TiO ₂ thin film electrodes, and enhanced photoelectrocatalytic degradation of indigo carmine dye. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 217, 259-266	4.7	42
137	Multi-spectroscopic monitoring of cisplatin-derived species delivery from ureasil polyether hybrid matrix. <i>Phase Transitions</i> , 2011 , 84, 687-699	1.3	6
136	SAXS and UV-Vis combined to Quick-XAFS monitoring of ZnO nanoparticles formation and growth. <i>Phase Transitions</i> , 2011 , 84, 714-725	1.3	9
135	Thermo-Reversible Sol-gel Transition of Surface Modified Titanium Poly Oxo Building Blocks. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 1416-1423	3.8	8
134	QEXAFS and UV/Vis Simultaneous Monitoring of the TiO ₂ -Nanoparticles Formation by Hydrolytic Sol-gel Route. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 6228-6236	3.8	23
133	SAXS study of monodispersed silica nanospheres obtained by an amino acid route. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 2622-2625	3.9	7
132	Improvement of the corrosion resistance of polysiloxane hybrid coatings by cerium doping. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 2606-2612	3.9	47
131	Controlled cisplatin delivery from Ureasil-PEO1900 hybrid matrix. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 3461-6	3.4	31
130	Corrosion protection of stainless steel by polysiloxane hybrid coatings prepared using the sol-gel process. <i>Surface and Coatings Technology</i> , 2010 , 204, 2689-2701	4.4	117
129	Preparation of hierarchically structured porous aluminas by a dual soft template method. <i>Microporous and Mesoporous Materials</i> , 2010 , 132, 268-275	5.3	31
128	Photocatalyst TiO ₂ -Co: the effect of doping depth profile on methylene blue degradation. <i>Journal of Materials Science</i> , 2010 , 45, 5698-5703	4.3	12
127	Controlled growth of anodic aluminium oxide films with hexagonal array of nanometer-sized pores filled with textured copper nanowires. <i>Journal of the European Ceramic Society</i> , 2010 , 30, 181-186	6	8
126	Thermo-reversible sol-gel transition of TiO ₂ nanoparticles with surface modified by p-toluene sulfonic acid. <i>Journal of the European Ceramic Society</i> , 2010 , 30, 193-198	6	10
125	Controlling the growth of zirconia needles precursor from a liquid crystal template. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 353, 77-82	5.1	15

124	Controlled Drug Release from UreasilâPolyether Hybrid Materials. <i>Chemistry of Materials</i> , 2009 , 21, 463-467	4.67	50
123	Effects of Synthesis Conditions on the Nanostructure of Hybrid Sols Produced by the Hydrolytic Condensation of (3-Methacryloxypropyl)trimethoxysilane. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 14708-14714	3.8	10
122	Zirconia foams prepared by integration of the solâgel method and dual soft template techniques. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 4786-4789	3.9	14
121	Effect of the surfactant nature on the thermo-stability of surface modified SnO ₂ nanoparticles. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 4790-4794	3.9	14
120	Stimuli-responsive controlled growth of mono- and bidimensional particles from basic zirconium sulfate hydrosols. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 9006-12	3.4	13
119	Multi-scale structural description of siloxaneâPPO hybrid ionic conductors doped by sodium salts. <i>Journal of Materials Chemistry</i> , 2007 , 17, 744-757		39
118	Dynamical Study of ZnO Nanocrystal and Zn-HDS Layered Basic Zinc Acetate Formation from SolâGel Route. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 3253-3258	3.8	30
117	XPS study on water corrosion of fluorzirconate glasses and their protection by a layer of surface modified tin dioxide nanoparticles. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007 , 156-158, 128-134	1.7	7
116	In situ UVâVis and EXAFS studies of ZnO quantum-sized nanocrystals and Zn-HDS formations from solâgel route. <i>Journal of the European Ceramic Society</i> , 2007 , 27, 3691-3695	6	14
115	Dynamical scaling properties of nanoporous undoped and Sb-doped SnO ₂ supported thin films during tri- and bidimensional structure coarsening. <i>Physical Review B</i> , 2007 , 75,	3.3	5
114	Corrosion protection of fluorzirconate glasses coated by a layer of surface modified tin oxide nanoparticles. <i>Thin Solid Films</i> , 2006 , 502, 94-98	2.2	1
113	Local and nanoscopic structure of potassium triflate-doped siloxaneâpolyoxyethylene ormolytes. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 3457-3462	3.9	6
112	Montmorillonite (MMT) effect on the structure of poly(oxyethylene) (PEO)âMMT nanocomposites and silicaâPEOâMMT hybrid materials. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 3705-3710	3.9	45
111	Improvement of the chemical resistance of zirconium fluoride glasses coated with a Tironâmodified tin oxide layer prepared by the solâgel process. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 3653-3658	3.9	
110	Evolution of rheological properties and local structure during gelation of siloxane-polymethylmethacrylate hybrid materials. <i>Journal of Sol-Gel Science and Technology</i> , 2006 , 37, 179-184	2.3	14
109	Small angle X-ray scattering study of surface modified tin oxide nanoparticles prepared by sol-gel route. <i>Journal of Sol-Gel Science and Technology</i> , 2006 , 37, 213-217	2.3	3
108	Nanostructure and luminescent properties of sol-gel derived europium-doped amine functionalised hybrids. <i>Journal of Sol-Gel Science and Technology</i> , 2006 , 37, 99-104	2.3	5
107	In situ and simultaneous nanostructural and spectroscopic studies of ZnO nanoparticle and Zn-HDS formations from hydrolysis of ethanolic zinc acetate solutions induced by water. <i>Journal of Sol-Gel Science and Technology</i> , 2006 , 39, 25-36	2.3	26

106	Effect of lithium doping on the evolution of rheological and structural properties during gelation of siloxane-poly(oxypropylene) nanocomposites. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3962		6
105	Correlation Between Local Structure and Ionic Conductivity of Potassium Doped Siloxane Polypropyleneoxide Ormolytes. <i>Physica Scripta</i> , 2005 , 516	2.6	
104	New Insights for Materials Science Characterisation Using Different Complementary Techniques Combined with Xray Absorption Spectroscopy. <i>Physica Scripta</i> , 2005 , 38	2.6	18
103	Density improvement of the sol-gel dip-coated SnO ₂ films by chemical surface modification. <i>Journal of the European Ceramic Society</i> , 2005 , 25, 2045-2049	6	9
102	Nanocrystalline anatase thin films prepared from redispersible sol-gel powders. <i>Journal of the European Ceramic Society</i> , 2005 , 25, 2175-2180	6	11
101	Effect of salt nature on structure and ionic conductivity of sodium-doped siloxane-PPO ormolytes. <i>Journal of the European Ceramic Society</i> , 2005 , 25, 2617-2621	6	3
100	Zirconia Needles Synthesized Inside Hexagonal Swollen Liquid Crystals. <i>Chemistry of Materials</i> , 2004 , 16, 4187-4192	9.6	21
99	Improvement of the Mo/TiO ₂ -Al ₂ O ₃ Catalyst by the Control of the Sol-Gel Synthesis. <i>Journal of Sol-Gel Science and Technology</i> , 2004 , 31, 87-93	2.3	15
98	Structural Features of Phosphate and Sulfate Modified Zirconia Prepared by Sol-gel Route. <i>Journal of Sol-Gel Science and Technology</i> , 2004 , 32, 91-97	2.3	8
97	XPS Study of the Corrosion Protection of Fluorozirconate Glasses Dip-Coated with SnO ₂ Transparent Thin Films. <i>Journal of Sol-Gel Science and Technology</i> , 2004 , 32, 155-160	2.3	18
96	Electrical Percolation During Gelation of Lithium Doped Siloxane-Poly(oxyethylene) Hybrids. <i>Journal of Sol-Gel Science and Technology</i> , 2004 , 32, 303-309	2.3	
95	Electro-optical properties of Er-doped SnO ₂ thin films. <i>Journal of the European Ceramic Society</i> , 2004 , 24, 1857-1860	6	36
94	Transparent and conductive ZnO:Al thin films prepared by sol-gel dip-coating. <i>Journal of the European Ceramic Society</i> , 2004 , 24, 1009-1013	6	114
93	Tin oxide nanoparticle formation using a surface modifying agent. <i>Journal of the European Ceramic Society</i> , 2004 , 24, 3713-3721	6	36
92	Role of the Surface State and Structural Feature in the Thermoreversible Sol-gel Transition of a Zirconyl Aqueous Precursor Modified by Sulfuric Acid. <i>Chemistry of Materials</i> , 2004 , 16, 3995-4004	9.6	28
91	Response to Comment on "Catalysis and Temperature Dependence on the Formation of ZnO Nanoparticles and of Zinc Acetate Derivatives Prepared by the Sol-gel Route" <i>Journal of Physical Chemistry B</i> , 2004 , 108, 15436-15437	3.4	3
90	Solid-State and Solution Structural Study of Acetylacetonate-Modified Tin(IV) Chloride Used as a Precursor of SnO ₂ Nanoparticles Prepared by a Sol-gel Route. <i>Chemistry of Materials</i> , 2004 , 16, 3885-3894	9.6	34
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