Tania Maria Haas Costa

List of Publications by Year
in descending order

138 papers	3,813 citations	126907 33 h-index	168389 53 g-index
140 all docs	140 docs citations	140 times ranked	4404 citing authors

#	Article	IF	Citations
1	A novel electrochemical platform based on mesoporous silica/titania and gold nanoparticles for simultaneous determination of norepinephrine and dopamine. Materials Science and Engineering C, 2021, 120, 111646.	7.3	29
2	Eucalyptus spp. cellulose nanocrystals obtained by acid hydrolysis and ultrasound processing for structural strengthening in paper packaging. Wood Science and Technology, 2021, 55, 639-657.	3.2	4
3	Nanocomposite film with antimicrobial activity based on gold nanoparticles, chitosan and aminopropylsilane. Surface and Coatings Technology, 2021, 415, 127086.	4.8	18
4	Synthesis of magnetic nanoparticles functionalized with histidine and nickel to immobilize His-tagged enzymes using Î²-galactosidase as a model. International Journal of Biological Macromolecules, 2021, 184, 159-169.	7.5	15
5	High performance biocatalyst based on Î²-d-galactosidase immobilized on mesoporous silica/titania/chitosan material. Food Chemistry, 2021, 359, 129890.	8.2	15
6	Designing a Support for Lipase Immobilization Based On Magnetic, Hydrophobic, and Mesoporous Silica. Langmuir, 2020, 36, 10147-10155.	3.5	10
7	Hybrid starch/silica films with improved mechanical properties. Journal of Sol-Gel Science and Technology, 2020, 95, 52-65.	2.4	12
8	Heterogeneous gold nanocatalyst applied in the synthesis of 2-aryl-2,3-dihydroquinazolin-4(1H)-ones. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 589, 124455.	4.7	19
9	MWCNT/zirconia porous composite applied as electrochemical sensor for determination of methyl parathion. Microporous and Mesoporous Materials, 2020, 309, 110583.	4.4	39
10	Treatment and characterization of biomass of soybean and rice hulls using ionic liquids for the liberation of fermentable sugars. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20191258.	0.8	4
11	Chitosan-stabilized gold nanoparticles supported on silica/titania magnetic xerogel applied as antibacterial system. Journal of Sol-Gel Science and Technology, 2019, 89, 333-342.	2.4	10
12	Tuning Anatase-Rutile Phase Transition Temperature: TiO₂/SiO₂ Nanoparticles Applied in Dye-Sensitized Solar Cells. International Journal of Photoenergy, 2019, 2019, 1-9.	2.5	17
13	Incorporation of zeaxanthin nanoparticles in yogurt: Influence on physicochemical properties, carotenoid stability and sensory analysis. Food Chemistry, 2019, 301, 125230.	8.2	61
14	Strategy to control the amount of titania dispersed on SBA-15 surface preserving its porosity, aiming to develop a sensor for electrochemical evaluation of antibiotics. Microporous and Mesoporous Materials, 2019, 287, 203-210.	4.4	13
15	High-grade MWCNT/ZrO2 composites prepared by solâ€"gel method and high-pressure technique (4.0â€‰GPa): mechanically resistant, porous, and conductive. Journal of Sol-Gel Science and Technology, 2019, 90, 348-358.	2.4	3
16	The role silica pore structure plays in the performance of modified carbon paste electrodes. Ionics, 2019, 25, 3259-3268.	2.4	10
17	Nanoencapsulation of linseed oil with chia mucilage as structuring material: Characterization, stability and enrichment of orange juice. Food Research International, 2019, 120, 872-879.	6.2	40
18	New strategy to obtain high surface area anatase nanotube/AuNP photocatalyst. Nanotechnology, 2019, 30, 065604.	2.6	5

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19	Characterization of active biodegradable films based on cassava starch and natural compounds. Food Packaging and Shelf Life, 2018, 16, 138-147.	7.5	104
20	Magnetic silica/titania xerogel applied as electrochemical biosensor for catechol and catecholamines. Electrochimica Acta, 2018, 264, 319-328.	5.2	32
21	Ionic silsesquioxane-capped Au nanoparticle powders: Application in P3HT/PCBM solar cells and the effect of the capping layer on surface plasmon dumping. Materials Chemistry and Physics, 2018, 206, 204-212.	4.0	4
22	Synthesis of biodegradable films based on cassava starch containing free and nanoencapsulated Î²â€carotene. Packaging Technology and Science, 2018, 31, 157-166.	2.8	48
23	Pyrolisys of Î±-aminoacids under high-pressure investigated by XPS, Raman and infrared spectroscopy. Materials Chemistry and Physics, 2018, 211, 107-116.	4.0	14
24	Highly stable novel silica/chitosan support for Î²-galactosidase immobilization for application in dairy technology. Food Chemistry, 2018, 246, 343-350.	8.2	52
25	Zeaxanthin nanoencapsulation with Opuntia monacantha mucilage as structuring material: Characterization and stability evaluation under different temperatures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 558, 410-421.	4.7	39
26	Self-supported gold/chitosan nanocatalyst for chemoselective hydrogenation in Ï€-conjugated C C C O system. Catalysis Communications, 2018, 116, 32-37.	3.3	9
27	Small gold nanoparticles with narrow size distribution achieved in SBA-15 pores by using ionic silsesquioxane instead of thiol group as stabilizer and adhesion agent. Microporous and Mesoporous Materials, 2018, 270, 48-56.	4.4	18
28	Magnetically Responsive Silica Hollow Spheres: Straightforward Synthesis of Accessible Microâ€Sized Containers. Particle and Particle Systems Characterization, 2018, 35, 1800160.	2.3	3
29	Thermal annealing of graphite oxide under high pressure: An experimental and computational study. Carbon, 2018, 139, 1035-1047.	10.3	8
30	Active biodegradable film with encapsulated anthocyanins: Effect on the quality attributes of extra-virgin olive oil during storage. Journal of Food Processing and Preservation, 2017, 41, e13218.	2.0	62
31	Pore size effect in the amount of immobilized enzyme for manufacturing carbon ceramic biosensor. Microporous and Mesoporous Materials, 2017, 247, 95-102.	4.4	33
32	Nanoencapsulation of chia seed oil with chia mucilage (Salvia hispanica L.) as wall material: Characterization and stability evaluation. Food Chemistry, 2017, 234, 1-9.	8.2	92
33	Directed immobilization of CGTase: The effect of the enzyme orientation on the enzyme activity and its use in packed-bed reactor for continuous production of cyclodextrins. Process Biochemistry, 2017, 58, 120-127.	3.7	22
34	Lutein-loaded lipid-core nanocapsules: Physicochemical characterization and stability evaluation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 522, 477-484.	4.7	35
35	Effects of immobilization, pH and reaction time in the modulation of Î±-, Î²- or Î³-cyclodextrins production by cyclodextrin glycosyltransferase: Batch and continuous process. Carbohydrate Polymers, 2017, 169, 41-49.	10.2	16
36	Photoluminescence of silica monoliths prepared from cold sintering of nanometric aerosil precursors under high pressure. Journal of Luminescence, 2017, 187, 154-159.	3.1	11

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37	Active biodegradable cassava starch films incorporated lycopene nanocapsules. Industrial Crops and Products, 2017, 109, 818-827.	5.2	84
38	Effect of nitrogen and oxygen in the formation of graphitic structures from pyrolysis of amino acids at high pressures. Journal of Analytical and Applied Pyrolysis, 2017, 126, 22-30.	5.5	6
39	Comparative study on the properties of films based on red rice (Oryza glaberrima) flour and starch. Food Hydrocolloids, 2017, 65, 96-106.	10.7	74
40	Spectroscopic and structural studies: effect of high pressure on selected polymers, glasses and clays. Journal of Physics: Conference Series, 2017, 950, 032015.	0.4	0
41	Gelatin capsule waste: new source of protein to develop a biodegradable film. Polimeros, 2017, 27, 100-107.	0.7	11
42	Physical-Chemical Properties of the Support Immobead 150 Before and After the Immobilization Process of Lipase. Journal of the Brazilian Chemical Society, 2016, , .	0.6	5
43	Effect of incorporation of nutraceutical capsule waste of safflower oil in the mechanical characteristics of corn starch films. Food Science and Technology, 2016, 36, 33-36.	1.7	12
44	Biobased polymer films from avocado oil extraction residue: Production and characterization. Journal of Applied Polymer Science, 2016, 133, .	2.6	17
45	Antioxidant films based on gelatin capsules and minimally processed beet root (Beta vulgaris L.) Tj ETQq1 1 0.784314 rgBT /Over	2.6	45
46	Physical and antimicrobial properties of quinoa <scp>flour</scp>â€based films incorporated with essential oil. Journal of Applied Polymer Science, 2016, 133, .	2.6	14
47	Influence of ball milling on textural and morphological properties of TiO2 and TiO2/SiO2 xerogel powders applied in photoanodes for solar cells. Journal of Solid State Electrochemistry, 2016, 20, 1731-1741.	2.5	13
48	Valorization of food-grade industrial waste in the obtaining active biodegradable films for packaging. Industrial Crops and Products, 2016, 87, 218-228.	5.2	89
49	Synthesis of biodegradable films with antioxidant properties based on cassava starch containing bixin nanocapsules. Journal of Food Science and Technology, 2016, 53, 3197-3205.	2.8	42
50	Edible films based on chia flour: Development and characterization. Journal of Applied Polymer Science, 2016, 133, .	2.6	25
51	Fluorescent mesoporous organosilicas containing 1,4-diureyl terephthalate moieties. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 325, 22-28.	3.9	4
52	Synthesis and characterization of magnetic carbon nanotubes/silsesquioxane nanocomposite thin films. Applied Surface Science, 2016, 371, 9-15.	6.1	5
53	The Production, Characterization, and the Stability of Carotenoids Loaded in Lipid-Core Nanocapsules. Food and Bioprocess Technology, 2016, 9, 1148-1158.	4.7	24
54	Chitosan crosslinked with genipin as support matrix for application in food process: Support characterization and Î²-d-galactosidase immobilization. Carbohydrate Polymers, 2016, 137, 184-190.	10.2	181

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55	Microencapsulation of Anthocyanins with Different Wall Materials and Its Application in Active Biodegradable Films. Food and Bioprocess Technology, 2016, 9, 172-181.	4.7	78
56	Silver Nanoparticle Thin Films Deposited on Glass Surface Using an Ionic Silsesquioxane as Stabilizer and as Crosslinking Agent. Journal of the Brazilian Chemical Society, 2015, , .	0.6	10
57	Edible film production from chia seed mucilage: Effect of glycerol concentration on its physicochemical and mechanical properties. Carbohydrate Polymers, 2015, 130, 198-205.	10.2	200
58	Development of lycopene-loaded lipid-core nanocapsules: physicochemical characterization and stability study. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	47
59	Mesoporous chitosan/silica hybrid material applied for development of electrochemical sensor for paracetamol in presence of dopamine. Microporous and Mesoporous Materials, 2015, 217, 109-118.	4.4	30
60	Stable and solid pellets of functionalized multi-walled carbon nanotubes produced under high pressure and temperature. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	3
61	Blueâ€"green luminescent carbon nanodots produced in a silica matrix. Carbon, 2015, 91, 234-240.	10.3	14
62	Enhanced mechanical properties in ZrO2 multi-walled carbon nanotube nanocomposites produced by solâ€"gel and high-pressure. Nano Structures Nano Objects, 2015, 4, 1-8.	3.5	7
63	Residues of minimally processed carrot and gelatin capsules: Potential materials for packaging films. Industrial Crops and Products, 2015, 76, 1071-1078.	5.2	43
64	Mesoporous silica xerogel modified with bridged ionic silsesquioxane used to immobilize copper tetrasulfonated phthalocyanine applied to electrochemical determination of dopamine. Journal of Solid State Electrochemistry, 2015, 19, 2095-2105.	2.5	15
65	Development of active biofilms of quinoa (Chenopodium quinoa W.) starch containing gold nanoparticles and evaluation of antimicrobial activity. Food Chemistry, 2015, 173, 755-762.	8.2	128
66	Preparation of carbon nanotube monoliths by high-pressure compaction. New Carbon Materials, 2014, 29, 193-202.	6.1	9
67	TiO2 and TiO2/SiO2 nanoparticles obtained by solâ€"gel method and applied on dye sensitized solar cells. Journal of Sol-Gel Science and Technology, 2014, 72, 273-281.	2.4	19
68	Ionic silsesquioxane film immobilized on silica applied in the development of carbon paste electrode for determination of methyl parathion. Journal of Sol-Gel Science and Technology, 2014, 72, 282-289.	2.4	15
69	Silver nanoparticleâ€"ionic silsesquioxane: a new system proposed as an antibacterial agent. Journal of Materials Chemistry B, 2014, 2, 1079-1086.	5.8	21
70	Surfactants for CNTs dispersion in zirconia-based ceramic matrix by solâ€"gel method. Journal of Sol-Gel Science and Technology, 2013, 65, 143-149.	2.4	13
71	Ultrahigh-pressure consolidation and deformation of tantalum carbide at ambient and high temperatures. Acta Materialia, 2013, 61, 4001-4009.	7.9	46
72	Gold nanoparticle/charged silsesquioxane films immobilized onto Al/SiO2 surface applied on the electrooxidation of nitrite. Journal of Solid State Electrochemistry, 2012, 16, 3703-3713.	2.5	41

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73	Charged silsesquioxane used as a vehicle for gold nanoparticles to perform the synthesis of catalyst xerogels. Journal of Sol-Gel Science and Technology, 2012, 63, 258-265.	2.4	16
74	Photophysics of aminobenzazole dyes in silica-based hybrid materials. Journal of Sol-Gel Science and Technology, 2012, 63, 235-241.	2.4	5
75	Surfactant-Based Dispersant for Multiwall Carbon Nanotubes to Prepare Ceramic Composites by a Solâ€"Gel Method. Langmuir, 2012, 28, 1447-1452.	3.5	27
76	Effect of the Support Size on the Properties of Î²-Galactosidase Immobilized on Chitosan: Advantages and Disadvantages of Macro and Nanoparticles. Biomacromolecules, 2012, 13, 2456-2464.	5.4	131
77	Ionic silica based hybrid material containing the pyridinium group used as an adsorbent for textile dye. Journal of Colloid and Interface Science, 2012, 378, 10-20.	9.4	63
78	Synthesis, Characterization, and Spectroscopic Investigation of Benzoxazole Conjugated Schiff Bases. Journal of Physical Chemistry A, 2011, 115, 13390-13398.	2.5	33
79	Fluorescent silica hybrid materials containing benzimidazole dyes obtained by solâ€"gel method and high pressure processing. Materials Chemistry and Physics, 2011, 126, 97-101.	4.0	24
80	In situ infrared spectroscopy study of sucrose up to 14GPa. Vibrational Spectroscopy, 2011, , .	2.2	1
81	Gold nanoparticles enclosed in silica xerogels by high-pressure processing. Journal of Nanoparticle Research, 2011, 13, 4987-4995.	1.9	12
82	Silica grafted with a silsesquioxane containing the positively charged 1,4-diazoniabicyclo[2.2.2]octane group used as adsorbent for anionic dye removal. Desalination, 2010, 258, 128-135.	8.2	34
83	Silica-based hybrid films with double-charged diazoniabicyclo[2.2.2]octane chloride group: Preparation and optical properties related to transition layer structure. Optical Materials, 2010, 32, 1170-1176.	3.6	6
84	An innovative series of layered nanostructured aminoalkylsilica hybrid material. Journal of the Brazilian Chemical Society, 2009, 20, 737-743.	0.6	5
85	Influence of high-pressure processing on the structure and memory effect of synthetic layered double hydroxides. Physics and Chemistry of Minerals, 2009, 36, 439-446.	0.8	6
86	Nanograined Ferroelectric Ceramics Prepared by Highâ€Pressure Densification Technique. Journal of the American Ceramic Society, 2009, 92, 1679-1683.	3.8	14
87	Modulation of the ESIPT Emission of Benzothiazole Type Dye Incorporated in Silica-Based Hybrid Materials. Langmuir, 2009, 25, 13219-13223.	3.5	34
88	Materiais hÃbridos Ã base de sÃlica obtidos pelo mÃ©todo sol-gel. Quimica Nova, 2009, 32, 1926-1933.	0.3	46
89	Anisotropic self-organization of hybrid silica based xerogels containing bridged positively charged 1,4-diazoniabicycle[2.2.2]octane chloride group. Journal of Colloid and Interface Science, 2008, 318, 96-102.	9.4	25
90	Brilliant yellow dye immobilized on silica and silica/titania based hybrid xerogels containing bridged positively charged 1,4-diazoniabicyclo[2.2.2]octane: Preparation, characterization and electrochemical properties study. Microporous and Mesoporous Materials, 2008, 112, 273-283.	4.4	31

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91	Use of 7-amine-4-azahepthylsilica and 10-amine-4-azadecylsilica xerogels as adsorbent for Pb(II). Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 316, 297-306.	4.7	23
92	Nanocapsule@xerogel microparticles containing sodium diclofenac: A new strategy to control the release of drugs. International Journal of Pharmaceutics, 2008, 358, 292-295.	5.2	20
93	Carbon nanotube/silica composites obtained by solâ€"gel and high-pressure techniques. Nanotechnology, 2008, 19, 265607.	2.6	36
94	Surface morphology of spray-dried nanoparticle-coated microparticles designed as an oral drug delivery system. Brazilian Journal of Chemical Engineering, 2008, 25, 389-398.	1.3	17
95	Synthesis of ORMOSIL silica/rhodamine 6G: Powders and compacts. Journal of Non-Crystalline Solids, 2007, 353, 24-30.	3.1	22
96	Synthesis of silica xerogels with high surface area using acetic acid as catalyst. Journal of the Brazilian Chemical Society, 2007, 18, 886-890.	0.6	18
97	Use of statistical design of experiments to evaluate the sorption capacity of 1,4-diazoniabicycle[2.2.2]octane/silica chloride for Cr(VI) adsorption. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 297, 240-248.	4.7	70
98	Fluorescence behavior of powders and high-pressure compacts of silica containing silyl-functionalized benzazole dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 186, 24-28.	3.9	9
99	Effects of the high pressure on the morphology of silica-based hybrid xerogels. High Pressure Research, 2006, 26, 11-21.	1.2	5
100	A water soluble 3-n-propyl-1-azonia-4-azabicyclo[2.2.2]octanechloride silsesquioxane grafted onto Al/SiO2 surface: chromium adsorption study. Ecletica Quimica, 2006, 31, 53-58.	0.5	4
101	Time-resolved fluorescence spectroscopy of cationic dyes incorporated in silica matrix by high pressure compaction. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 181, 147-151.	3.9	10
102	Structure and property studies of hybrid xerogels containing bridged positively charged 1,4-diazoniabicycle[2.2.2]octane dichloride. Journal of Colloid and Interface Science, 2006, 297, 244-250.	9.4	19
103	7-Amino-4-azaheptyl Grafted onto a Silica Gel as a Sorbent for the On-line Preconcentration and Determination of Iron(III) in Water Samples. Analytical Sciences, 2005, 21, 573-577.	1.6	7
104	Pressure-induced changes on the optical properties and microstructure of silica-gel matrices doped with rhodamine 6G. Optical Materials, 2005, 27, 1819-1824.	3.6	20
105	High-pressure effects on nanometric hybrid xerogels, p-phenylenediamine/silica and p-anisidine/silica. Applied Physics A: Materials Science and Processing, 2005, 81, 1053-1057.	2.3	4
106	A mathematical simulation of H+ ion chemisorption by anilinepropylsilica xerogels. Journal of Colloid and Interface Science, 2005, 284, 424-431.	9.4	9
107	The Effects of Temperature of Condensation on the Thermal Stability and Morphology of 1,4-Phenylenediamine-1-Propylsilica Xerogels. Journal of Sol-Gel Science and Technology, 2005, 34, 189-195.	2.4	6
108	Influence of the synthesis conditions on the characteristics and metal adsorption properties of the 3-(1,4-phenylenediamine)propylsilica xerogel. Ecletica Quimica, 2005, 30, 43-49.	0.5	8

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109	ExtraÃ§Ã£o de Al(III), Cr(III) e Fe(III) de meio etanÃ³lico usando o xerogel anilinapropilsÃlica. Quimica Nova, 2004, 27, 730-733.	0.3	5
110	UV transmitters of aluminum polyphosphates prepared by high pressure technique at room temperature. Journal of Materials Science, 2004, 39, 1085-1086.	3.7	4
111	Dabco/silica solâ€"gel hybrid material. The influence of the morphology on the CdCl2 adsorption capacity. Materials Letters, 2004, 58, 895-898.	2.6	26
112	Fluorescent compacts prepared by the entrapment of benzoxazole type dyes into a silica matrix at high pressure. Journal of Non-Crystalline Solids, 2004, 333, 221-225.	3.1	19
113	Effects of organic content and H2O/TEOS molar ratio on the porosity and pore size distribution of hybrid naphthaleneamineepropylsilica xerogel. Journal of Non-Crystalline Solids, 2004, 337, 201-206.	3.1	27
114	3-n-Propyl-1-azonia-4-azabicyclo[2.2.2]octanechloride Silsesquioxane: A New Water Soluble Polymer. Journal of Sol-Gel Science and Technology, 2003, 28, 51-56.	2.4	22
115	The influence of Na+ on the anilinepropylsilica xerogel synthesis by using the fluoride nucleophilic catalyst. Colloid and Polymer Science, 2003, 281, 173-177.	2.1	19
116	Raman investigation of 2,5-bis(benzoxazol-2?-yl)-4-methoxyphenol under high pressure. Journal of Raman Spectroscopy, 2003, 34, 244-247.	2.5	1
117	Anilinepropylsilica xerogel used as a selective Cu (II) adsorbent in aqueous solution. Journal of Colloid and Interface Science, 2003, 263, 688-691.	9.4	15
118	3-n-propyl-1-azonia-4-azabicyclo[2.2.2]octanechloride/silica hybrid polymer. A morphologic study in relation to the organic content. Polymer, 2003, 44, 5521-5525.	3.8	23
119	Adsorption of CoCl2, ZnCl2 and CdCl2 on aniline/silica hybrid material obtained by solâ€"gel method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 226, 95-100.	4.7	15
120	Silicaâ€"titania solâ€"gel hybrid materials: synthesis, characterization and potential application in solid phase extraction. Talanta, 2003, 59, 1039-1044.	5.5	16
121	Study of the TiO2â^'H2Oâ^'B2O3Ternary System at 7.7 GPa and High Temperatures. Chemistry of Materials, 2002, 14, 130-134.	6.7	5
122	High-Pressure Entrapment of Rhodamine 6G into a Silica Matrix. Molecular Crystals and Liquid Crystals, 2002, 374, 201-206.	0.9	8
123	A characterization study of xerogel silicapropylaniline powders. Journal of Non-Crystalline Solids, 2002, 311, 54-60.	3.1	17
124	The gelation temperature effects in the anilinepropylsilica xerogel properties. Materials Letters, 2002, 55, 378-382.	2.6	8
125	Xerogel p-anisidinapropilsÃlica: estudo da estabilidade tÃ©rmica e da resistÃªncia Ã lixiviaÃ§Ã£o com solventes. Quimica Nova, 2002, 25, 563-566.	0.3	6
126	FTIR study of the electronic metal-support interactions on platinum dispersed on silica modified with titania. Surface and Interface Analysis, 2002, 33, 631-634.	1.8	25

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127	A Sol-Gel Synthesis for Thermally Stable Aniline/Silica Material. Journal of Sol-Gel Science and Technology, 2002, 23, 129-133.	2.4	18
128	FTIR Thermal Analysis on Anilinepropylsilica Xerogel. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 2002, 68, 199-206.	1.4	27
129	Title is missing!. Journal of Porous Materials, 2002, 9, 307-311.	2.6	11
130	Title is missing!. Journal of Materials Chemistry, 2001, 11, 3377-3381.	6.7	32
131	Synthesis of a Thermally Stable Silica/p-Anisidine Solâ€"Gel Powdered Material. Journal of Colloid and Interface Science, 2001, 241, 413-416.	9.4	22
132	Study of Nanocrystalline Î³-Al2O3Produced by High-Pressure Compaction. Journal of Physical Chemistry B, 1999, 103, 4278-4284.	2.6	124
133	High pressure compaction of nanosize ceramic powders. Journal of Materials Research, 1997, 12, 764-768.	2.6	43
134	Infrared and thermogravimetric study of high pressure consolidation in alkoxide silica gel powders. Journal of Non-Crystalline Solids, 1997, 220, 195-201.	3.1	111
135	High pressure loading of organic dyes into a silica matrix. Journal of Non-Crystalline Solids, 1997, 221, 157-162.	3.1	24
136	Silica/Titania Graphite Composite Modified with Chitosan and Tyrosinase Employed as a Sensitive Biosensor for Phenolic Compounds. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
137	Magnetic and Mesoporous Silica-Niobia Material as Modifier of Carbon Paste Electrode for p-Nitrophenol Electrochemical Determination. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
138	Mesoporous structured silica modified with niobium oxide and cobalt hematoporphyrin applied to the simultaneous electrochemical evaluation of oxalic and uric acids. Journal of Sol-Gel Science and Technology, 0, , 1.	2.4	2