

Tania Maria Haas Costa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7770344/publications.pdf>

Version: 2024-02-01

138
papers

3,813
citations

145106
33
h-index

190340
53
g-index

140
all docs

140
docs citations

140
times ranked

4811
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. <i>Materials Science and Engineering C</i> , 2021, 120, 111646.	3.8	29
2	Eucalyptus spp. cellulose nanocrystals obtained by acid hydrolysis and ultrasound processing for structural strengthening in paper packaging. <i>Wood Science and Technology</i> , 2021, 55, 639-657.	1.4	4
3	Nanocomposite film with antimicrobial activity based on gold nanoparticles, chitosan and aminopropylsilane. <i>Surface and Coatings Technology</i> , 2021, 415, 127086.	2.2	18
4	Synthesis of magnetic nanoparticles functionalized with histidine and nickel to immobilize His-tagged enzymes using β -D-galactosidase as a model. <i>International Journal of Biological Macromolecules</i> , 2021, 184, 159-169.	3.6	15
5	High performance biocatalyst based on β -D-galactosidase immobilized on mesoporous silica/titania/chitosan material. <i>Food Chemistry</i> , 2021, 359, 129890.	4.2	15
6	Designing a Support for Lipase Immobilization Based On Magnetic, Hydrophobic, and Mesoporous Silica. <i>Langmuir</i> , 2020, 36, 10147-10155.	1.6	10
7	Hybrid starch/silica films with improved mechanical properties. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 95, 52-65.	1.1	12
8	Heterogeneous gold nanocatalyst applied in the synthesis of 2-aryl-2,3-dihydroquinazolin-4(1H)-ones. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 589, 124455.	2.3	19
9	MWCNT/zirconia porous composite applied as electrochemical sensor for determination of methyl parathion. <i>Microporous and Mesoporous Materials</i> , 2020, 309, 110583.	2.2	39
10	Treatment and characterization of biomass of soybean and rice hulls using ionic liquids for the liberation of fermentable sugars. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20191258.	0.3	4
11	Chitosan-stabilized gold nanoparticles supported on silica/titania magnetic xerogel applied as antibacterial system. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 333-342.	1.1	10
12	Tuning Anatase-Rutile Phase Transition Temperature: $\text{TiO}_2/\text{SiO}_2$ Nanoparticles Applied in Dye-Sensitized Solar Cells. <i>International Journal of Photoenergy</i> , 2019, 2019, 1-9.	1.4	17
13	Incorporation of zeaxanthin nanoparticles in yogurt: Influence on physicochemical properties, carotenoid stability and sensory analysis. <i>Food Chemistry</i> , 2019, 301, 125230.	4.2	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. <i>Microporous and Mesoporous Materials</i> , 2019, 287, 203-210.	2.2	13
15	High-grade MWCNT/ZrO ₂ composites prepared by sol-gel method and high-pressure technique (4.0 GPa): mechanically resistant, porous, and conductive. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 90, 348-358.	1.1	3
16	The role silica pore structure plays in the performance of modified carbon paste electrodes. <i>Ionics</i> , 2019, 25, 3259-3268.	1.2	10
17	Nanoencapsulation of linseed oil with chia mucilage as structuring material: Characterization, stability and enrichment of orange juice. <i>Food Research International</i> , 2019, 120, 872-879.	2.9	40
18	New strategy to obtain high surface area anatase nanotube/AuNP photocatalyst. <i>Nanotechnology</i> , 2019, 30, 065604.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Characterization of active biodegradable films based on cassava starch and natural compounds. <i>Food Packaging and Shelf Life</i> , 2018, 16, 138-147.	3.3	104
20	Magnetic silica/titania xerogel applied as electrochemical biosensor for catechol and catecholamines. <i>Electrochimica Acta</i> , 2018, 264, 319-328.	2.6	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. <i>Materials Chemistry and Physics</i> , 2018, 206, 204-212.	2.0	4
22	Synthesis of biodegradable films based on cassava starch containing free and nanoencapsulated β -carotene. <i>Packaging Technology and Science</i> , 2018, 31, 157-166.	1.3	48
23	Pyrolysis of α -aminoacids under high-pressure investigated by XPS, Raman and infrared spectroscopy. <i>Materials Chemistry and Physics</i> , 2018, 211, 107-116.	2.0	14
24	Highly stable novel silica/chitosan support for β -galactosidase immobilization for application in dairy technology. <i>Food Chemistry</i> , 2018, 246, 343-350.	4.2	52
25	Zeaxanthin nanoencapsulation with <i>Opuntia monacantha</i> mucilage as structuring material: Characterization and stability evaluation under different temperatures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 558, 410-421.	2.3	39
26	Self-supported gold/chitosan nanocatalyst for chemoselective hydrogenation in β -conjugated C C C O system. <i>Catalysis Communications</i> , 2018, 116, 32-37.	1.6	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. <i>Microporous and Mesoporous Materials</i> , 2018, 270, 48-56.	2.2	18
28	Magnetically Responsive Silica Hollow Spheres: Straightforward Synthesis of Accessible Micro-Sized Containers. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800160.	1.2	3
29	Thermal annealing of graphite oxide under high pressure: An experimental and computational study. <i>Carbon</i> , 2018, 139, 1035-1047.	5.4	8
30	Active biodegradable film with encapsulated anthocyanins: Effect on the quality attributes of extra-virgin olive oil during storage. <i>Journal of Food Processing and Preservation</i> , 2017, 41, e13218.	0.9	62
31	Pore size effect in the amount of immobilized enzyme for manufacturing carbon ceramic biosensor. <i>Microporous and Mesoporous Materials</i> , 2017, 247, 95-102.	2.2	33
32	Nanoencapsulation of chia seed oil with chia mucilage (<i>Salvia hispanica</i> L.) as wall material: Characterization and stability evaluation. <i>Food Chemistry</i> , 2017, 234, 1-9.	4.2	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. <i>Process Biochemistry</i> , 2017, 58, 120-127.	1.8	22
34	Lutein-loaded lipid-core nanocapsules: Physicochemical characterization and stability evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 522, 477-484.	2.3	35
35	Effects of immobilization, pH and reaction time in the modulation of α -, β - or γ -cyclodextrins production by cyclodextrin glycosyltransferase: Batch and continuous process. <i>Carbohydrate Polymers</i> , 2017, 169, 41-49.	5.1	16
36	Photoluminescence of silica monoliths prepared from cold sintering of nanometric aerosol precursors under high pressure. <i>Journal of Luminescence</i> , 2017, 187, 154-159.	1.5	11

#	ARTICLE	IF	CITATIONS
37	Active biodegradable cassava starch films incorporated lycopene nanocapsules. <i>Industrial Crops and Products</i> , 2017, 109, 818-827.	2.5	84
38	Effect of nitrogen and oxygen in the formation of graphitic structures from pyrolysis of amino acids at high pressures. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 126, 22-30.	2.6	6
39	Comparative study on the properties of films based on red rice (<i>Oryza glaberrima</i>) flour and starch. <i>Food Hydrocolloids</i> , 2017, 65, 96-106.	5.6	74
40	Spectroscopic and structural studies: effect of high pressure on selected polymers, glasses and clays. <i>Journal of Physics: Conference Series</i> , 2017, 950, 032015.	0.3	0
41	Gelatin capsule waste: new source of protein to develop a biodegradable film. <i>Polimeros</i> , 2017, 27, 100-107.	0.2	11
42	Physical-Chemical Properties of the Support Immobead 150 Before and After the Immobilization Process of Lipase. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	5
43	Effect of incorporation of nutraceutical capsule waste of safflower oil in the mechanical characteristics of corn starch films. <i>Food Science and Technology</i> , 2016, 36, 33-36.	0.8	12
44	Biobased polymer films from avocado oil extraction residue: Production and characterization. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	17
45	Antioxidant films based on gelatin capsules and minimally processed beet root (<i>Beta vulgaris</i> L.) Tj ETQq1 1 0,784314 45 BT /Ov 1,3	1.3	14
46	Physical and antimicrobial properties of quinoa flour-based films incorporated with essential oil. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	14
47	Influence of ball milling on textural and morphological properties of TiO ₂ and TiO ₂ /SiO ₂ xerogel powders applied in photoanodes for solar cells. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 1731-1741.	1.2	13
48	Valorization of food-grade industrial waste in the obtaining active biodegradable films for packaging. <i>Industrial Crops and Products</i> , 2016, 87, 218-228.	2.5	89
49	Synthesis of biodegradable films with antioxidant properties based on cassava starch containing bixin nanocapsules. <i>Journal of Food Science and Technology</i> , 2016, 53, 3197-3205.	1.4	42
50	Edible films based on chia flour: Development and characterization. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	25
51	Fluorescent mesoporous organosilicas containing 1,4-diureyl terephthalate moieties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 325, 22-28.	2.0	4
52	Synthesis and characterization of magnetic carbon nanotubes/silsesquioxane nanocomposite thin films. <i>Applied Surface Science</i> , 2016, 371, 9-15.	3.1	5
53	The Production, Characterization, and the Stability of Carotenoids Loaded in Lipid-Core Nanocapsules. <i>Food and Bioprocess Technology</i> , 2016, 9, 1148-1158.	2.6	24
54	Chitosan crosslinked with genipin as support matrix for application in food process: Support characterization and Î ² -d-galactosidase immobilization. <i>Carbohydrate Polymers</i> , 2016, 137, 184-190.	5.1	181

#	ARTICLE	IF	CITATIONS
55	Microencapsulation of Anthocyanins with Different Wall Materials and Its Application in Active Biodegradable Films. <i>Food and Bioprocess Technology</i> , 2016, 9, 172-181.	2.6	78
56	Silver Nanoparticle Thin Films Deposited on Glass Surface Using an Ionic Silsesquioxane as Stabilizer and as Crosslinking Agent. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	10
57	Edible film production from chia seed mucilage: Effect of glycerol concentration on its physicochemical and mechanical properties. <i>Carbohydrate Polymers</i> , 2015, 130, 198-205.	5.1	200
58	Development of lycopene-loaded lipid-core nanocapsules: physicochemical characterization and stability study. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	47
59	Mesoporous chitosan/silica hybrid material applied for development of electrochemical sensor for paracetamol in presence of dopamine. <i>Microporous and Mesoporous Materials</i> , 2015, 217, 109-118.	2.2	30
60	Stable and solid pellets of functionalized multi-walled carbon nanotubes produced under high pressure and temperature. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	3
61	Blue "green luminescent carbon nanodots produced in a silica matrix. <i>Carbon</i> , 2015, 91, 234-240.	5.4	14
62	Enhanced mechanical properties in ZrO ₂ multi-walled carbon nanotube nanocomposites produced by sol-gel and high-pressure. <i>Nano Structures Nano Objects</i> , 2015, 4, 1-8.	1.9	7
63	Residues of minimally processed carrot and gelatin capsules: Potential materials for packaging films. <i>Industrial Crops and Products</i> , 2015, 76, 1071-1078.	2.5	43
64	Mesoporous silica xerogel modified with bridged ionic silsesquioxane used to immobilize copper tetrasulfonated phthalocyanine applied to electrochemical determination of dopamine. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2095-2105.	1.2	15
65	Development of active biofilms of quinoa (<i>Chenopodium quinoa</i> W.) starch containing gold nanoparticles and evaluation of antimicrobial activity. <i>Food Chemistry</i> , 2015, 173, 755-762.	4.2	128
66	Preparation of carbon nanotube monoliths by high-pressure compaction. <i>New Carbon Materials</i> , 2014, 29, 193-202.	2.9	9
67	TiO ₂ and TiO ₂ /SiO ₂ nanoparticles obtained by sol-gel method and applied on dye sensitized solar cells. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 273-281.	1.1	19
68	Ionic silsesquioxane film immobilized on silica applied in the development of carbon paste electrode for determination of methyl parathion. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 282-289.	1.1	15
69	Silver nanoparticle-ionic silsesquioxane: a new system proposed as an antibacterial agent. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1079-1086.	2.9	21
70	Surfactants for CNTs dispersion in zirconia-based ceramic matrix by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 65, 143-149.	1.1	13
71	Ultrahigh-pressure consolidation and deformation of tantalum carbide at ambient and high temperatures. <i>Acta Materialia</i> , 2013, 61, 4001-4009.	3.8	46
72	Gold nanoparticle/charged silsesquioxane films immobilized onto Al/SiO ₂ surface applied on the electrooxidation of nitrite. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3703-3713.	1.2	41

#	ARTICLE	IF	CITATIONS
73	Charged silsesquioxane used as a vehicle for gold nanoparticles to perform the synthesis of catalyst xerogels. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 63, 258-265.	1.1	16
74	Photophysics of aminobenzazole dyes in silica-based hybrid materials. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 63, 235-241.	1.1	5
75	Surfactant-Based Dispersant for Multiwall Carbon Nanotubes to Prepare Ceramic Composites by a Sol-Gel Method. <i>Langmuir</i> , 2012, 28, 1447-1452.	1.6	27
76	Effect of the Support Size on the Properties of β -Galactosidase Immobilized on Chitosan: Advantages and Disadvantages of Macro and Nanoparticles. <i>Biomacromolecules</i> , 2012, 13, 2456-2464.	2.6	131
77	Ionic silica based hybrid material containing the pyridinium group used as an adsorbent for textile dye. <i>Journal of Colloid and Interface Science</i> , 2012, 378, 10-20.	5.0	63
78	Synthesis, Characterization, and Spectroscopic Investigation of Benzoxazole Conjugated Schiff Bases. <i>Journal of Physical Chemistry A</i> , 2011, 115, 13390-13398.	1.1	33
79	Fluorescent silica hybrid materials containing benzimidazole dyes obtained by sol-gel method and high pressure processing. <i>Materials Chemistry and Physics</i> , 2011, 126, 97-101.	2.0	24
80	In situ infrared spectroscopy study of sucrose up to 14GPa. <i>Vibrational Spectroscopy</i> , 2011, , .	1.2	1
81	Gold nanoparticles enclosed in silica xerogels by high-pressure processing. <i>Journal of Nanoparticle Research</i> , 2011, 13, 4987-4995.	0.8	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. <i>Desalination</i> , 2010, 258, 128-135.	4.0	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. <i>Optical Materials</i> , 2010, 32, 1170-1176.	1.7	6
84	An innovative series of layered nanostructured aminoalkylsilica hybrid material. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 737-743.	0.6	5
85	Influence of high-pressure processing on the structure and memory effect of synthetic layered double hydroxides. <i>Physics and Chemistry of Minerals</i> , 2009, 36, 439-446.	0.3	6
86	Nanograined Ferroelectric Ceramics Prepared by High-Pressure Densification Technique. <i>Journal of the American Ceramic Society</i> , 2009, 92, 1679-1683.	1.9	14
87	Modulation of the ESIPT Emission of Benzothiazole Type Dye Incorporated in Silica-Based Hybrid Materials. <i>Langmuir</i> , 2009, 25, 13219-13223.	1.6	34
88	Materiais híbridos à base de sílica obtidos pelo método sol-gel. <i>Química Nova</i> , 2009, 32, 1926-1933.	0.3	46
89	Anisotropic self-organization of hybrid silica based xerogels containing bridged positively charged 1,4-diazoniabicyclo[2.2.2]octane chloride group. <i>Journal of Colloid and Interface Science</i> , 2008, 318, 96-102.	5.0	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. <i>Microporous and Mesoporous Materials</i> , 2008, 112, 273-283.	2.2	31

#	ARTICLE	IF	CITATIONS
91	Use of 7-amine-4-azaheptylsilica and 10-amine-4-azadecylsilica xerogels as adsorbent for Pb(II). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 316, 297-306.	2.3	23
92	Nanocapsule@xerogel microparticles containing sodium diclofenac: A new strategy to control the release of drugs. <i>International Journal of Pharmaceutics</i> , 2008, 358, 292-295.	2.6	20
93	Carbon nanotube/silica composites obtained by sol-gel and high-pressure techniques. <i>Nanotechnology</i> , 2008, 19, 265607.	1.3	36
94	Surface morphology of spray-dried nanoparticle-coated microparticles designed as an oral drug delivery system. <i>Brazilian Journal of Chemical Engineering</i> , 2008, 25, 389-398.	0.7	17
95	Synthesis of ORMOSIL silica/rhodamine 6G: Powders and compacts. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 24-30.	1.5	22
96	Synthesis of silica xerogels with high surface area using acetic acid as catalyst. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 886-890.	0.6	18
97	Use of statistical design of experiments to evaluate the sorption capacity of 1,4-diazoniabicyclo[2.2.2]octane/silica chloride for Cr(VI) adsorption. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 297, 240-248.	2.3	70
98	Fluorescence behavior of powders and high-pressure compacts of silica containing silyl-functionalized benzazole dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 186, 24-28.	2.0	9
99	Effects of the high pressure on the morphology of silica-based hybrid xerogels. <i>High Pressure Research</i> , 2006, 26, 11-21.	0.4	5
100	A water soluble 3-n-propyl-1-azonia-4-azabicyclo[2.2.2]octanechloride silsesquioxane grafted onto Al/SiO ₂ surface: chromium adsorption study. <i>Eletica Quimica</i> , 2006, 31, 53-58.	0.2	4
101	Time-resolved fluorescence spectroscopy of cationic dyes incorporated in silica matrix by high pressure compaction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 181, 147-151.	2.0	10
102	Structure and property studies of hybrid xerogels containing bridged positively charged 1,4-diazoniabicyclo[2.2.2]octane dichloride. <i>Journal of Colloid and Interface Science</i> , 2006, 297, 244-250.	5.0	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. <i>Analytical Sciences</i> , 2005, 21, 573-577.	0.8	7
104	Pressure-induced changes on the optical properties and microstructure of silica-gel matrices doped with rhodamine 6G. <i>Optical Materials</i> , 2005, 27, 1819-1824.	1.7	20
105	High-pressure effects on nanometric hybrid xerogels, p-phenylenediamine/silica and p-anisidine/silica. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 81, 1053-1057.	1.1	4
106	A mathematical simulation of H ⁺ ion chemisorption by anilinepropylsilica xerogels. <i>Journal of Colloid and Interface Science</i> , 2005, 284, 424-431.	5.0	9
107	The Effects of Temperature of Condensation on the Thermal Stability and Morphology of 1,4-Phenylenediamine-1-Propylsilica Xerogels. <i>Journal of Sol-Gel Science and Technology</i> , 2005, 34, 189-195.	1.1	6
108	Influence of the synthesis conditions on the characteristics and metal adsorption properties of the 3-(1,4-phenylenediamine)propylsilica xerogel. <i>Eletica Quimica</i> , 2005, 30, 43-49.	0.2	8

#	ARTICLE	IF	CITATIONS
109	Extração de Al(III), Cr(III) e Fe(III) de meio etanólico usando o xerogel anilina-propilsilica. Química 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.	1.7	4
111	Dabco/silica sol-gel hybrid material. The influence of the morphology on the CdCl ₂ adsorption capacity. Materials Letters, 2004, 58, 895-898.	1.3	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.	1.5	19
113	Effects of organic content and H ₂ O/TEOS molar ratio on the porosity and pore size distribution of hybrid naphthaleneamine-propylsilica xerogel. Journal of Non-Crystalline Solids, 2004, 337, 201-206.	1.5	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.	1.1	22
115	The influence of Na ⁺ on the aniline-propylsilica xerogel synthesis by using the fluoride nucleophilic catalyst. Colloid and Polymer Science, 2003, 281, 173-177.	1.0	19
116	Raman investigation of 2,5-bis(benzoxazol-2-yl)-4-methoxyphenol under high pressure. Journal of Raman Spectroscopy, 2003, 34, 244-247.	1.2	1
117	Aniline-propylsilica xerogel used as a selective Cu (II) adsorbent in aqueous solution. Journal of Colloid and Interface Science, 2003, 263, 688-691.	5.0	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.	1.8	23
119	Adsorption of CoCl ₂ , ZnCl ₂ and CdCl ₂ on aniline/silica hybrid material obtained by sol-gel method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 226, 95-100.	2.3	15
120	Silica-titania sol-gel hybrid materials: synthesis, characterization and potential application in solid phase extraction. Talanta, 2003, 59, 1039-1044.	2.9	16
121	Study of the TiO ₂ -H ₂ O-B ₂ O ₃ Ternary System at 7.7 GPa and High Temperatures. Chemistry of Materials, 2002, 14, 130-134.	3.2	5
122	High-Pressure Entrapment of Rhodamine 6G into a Silica Matrix. Molecular Crystals and Liquid Crystals, 2002, 374, 201-206.	0.4	8
123	A characterization study of xerogel silicapropylaniline powders. Journal of Non-Crystalline Solids, 2002, 311, 54-60.	1.5	17
124	The gelation temperature effects in the aniline-propylsilica xerogel properties. Materials Letters, 2002, 55, 378-382.	1.3	8
125	Xerogel p-anisidina-propilsilica: estudo da estabilidade térmica e da resistência à lixiviação com solventes. Química 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.	0.8	25

#	ARTICLE	IF	CITATIONS
127	A Sol-Gel Synthesis for Thermally Stable Aniline/Silica Material. Journal of Sol-Gel Science and Technology, 2002, 23, 129-133.	1.1	18
128	FTIR Thermal Analysis on Anilinepropylsilica Xerogel. Magyar Árvad Kzlemnyek, 2002, 68, 199-206.	1.4	27
129	Title is missing!. Journal of Porous Materials, 2002, 9, 307-311.	1.3	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 Sol-Gel Powdered Material. Journal of Colloid and Interface Science, 2001, 241, 413-416.	5.0	22
132	Study of Nanocrystalline γ -Al ₂ O ₃ Produced by High-Pressure Compaction. Journal of Physical Chemistry B, 1999, 103, 4278-4284.	1.2	124
133	High pressure compaction of nanosize ceramic powders. Journal of Materials Research, 1997, 12, 764-768.	1.2	43
134	Infrared and thermogravimetric study of high pressure consolidation in alkoxide silica gel powders. Journal of Non-Crystalline Solids, 1997, 220, 195-201.	1.5	111
135	High pressure loading of organic dyes into a silica matrix. Journal of Non-Crystalline Solids, 1997, 221, 157-162.	1.5	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.	1.1	2