

Aldo J G Zarbin

List of Publications by Year in descending order

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178
papers

6,216
citations

66250

44
h-index

97045

71
g-index

181
all docs

181
docs citations

181
times ranked

9713
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrode fabrication at liquid interfaces: Towards transparency and flexibility. <i>Electrochemistry Communications</i> , 2022, 134, 107183.	2.3	7
2	Model of inner-sphere adsorption of oxyanions in goethite - Why is phosphate adsorption more significant than that of sulfate?. <i>Revista Brasileira De Ciencia Do Solo</i> , 2022, 46, .	0.5	4
3	Neighboring Effects on the Selective Bifunctionalization of Graphene Oxide for Nanocatalytic Organophosphate Neutralization. <i>ACS Applied Nano Materials</i> , 2022, 5, 6001-6012.	2.4	5
4	Nickel hexacyanoferrate/graphene thin film: a candidate for the cathode in aqueous metal-ion batteries. <i>New Journal of Chemistry</i> , 2022, 46, 11118-11127.	1.4	4
5	Transparent aqueous rechargeable sodium-ion battery. <i>Electrochimica Acta</i> , 2022, 422, 140548.	2.6	10
6	The role of functionalization on the colloidal stability of aqueous fullerene C60 dispersions prepared with fullerides. <i>Carbon</i> , 2021, 173, 1041-1047.	5.4	10
7	Conductive ink based on PEDOT nanoparticles dispersed in water without organic solvents, passivant agents or metallic residues. <i>Synthetic Metals</i> , 2021, 272, 116657.	2.1	7
8	Liquid-liquid interfaces: a unique and advantageous environment to prepare and process thin films of complex materials. <i>Materials Horizons</i> , 2021, 8, 1409-1432.	6.4	35
9	The role of carbon nanotubes on the sensitivity of composites with polyaniline for ammonia sensors. <i>Carbon Trends</i> , 2021, 3, 100026.	1.4	9
10	Metal Cation-Modified Graphene Oxide as Precursor for Advanced Materials: Thin Films of Graphene/Prussian Blue Analogues. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3373-3384.	1.0	6
11	Molybdenum-based materials/carbon nanotubes nanocomposites prepared as thin and transparent films for aqueous K-ion batteries. <i>Electrochimica Acta</i> , 2021, 387, 138500.	2.6	12
12	SERS detection and comprehensive study of <i>p</i> -nitrophenol: towards pesticide sensing. <i>New Journal of Chemistry</i> , 2021, 45, 3886-3891.	1.4	6
13	Introduction to celebrating Latin American talent in chemistry. <i>RSC Advances</i> , 2021, 11, 40216-40219.	1.7	1
14	A black phosphorus-based cathode for aqueous Na-ion batteries operating under ambient conditions. <i>Chemical Communications</i> , 2020, 56, 802-805.	2.2	17
15	Magnetic nanocatalysts derived from carbon nanotubes functionalized with imidazole: towards pesticide degradation. <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118496.	10.8	17
16	Conformational and Electron Dynamics Changes Induced by Cooling Treatment on GO:PEDOT:PSS Transparent Electrodes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26640-26647.	1.5	4
17	A simple enzymeless approach for Paraoxon determination using imidazole-functionalized carbon nanotubes. <i>Materials Science and Engineering C</i> , 2020, 116, 111140.	3.8	10
18	Flexible and ITO-free asymmetric energy storage devices based on graphene/Ni(OH) ₂ nanocomposites. <i>Applied Surface Science</i> , 2020, 528, 146944.	3.1	6

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19	Hydroxamic acid-functionalized graphene thin films as nanocatalysts towards organophosphate degradation. <i>JPhys Materials</i> , 2020, 3, 034003.	1.8	4
20	Graphene/copper oxide nanoparticles thin films as precursor for graphene/copper hexacyanoferrate nanocomposites. <i>Applied Surface Science</i> , 2020, 515, 146000.	3.1	19
21	Graphene Modified with Triruthenium Acetate Clusters as an Electrode for the Hybrid Energy Storage System. <i>ACS Applied Nano Materials</i> , 2020, 3, 6757-6765.	2.4	6
22	Chemically synthesized graphene as a precursor to Prussian blue-based nanocomposite: A multifunctional material for transparent aqueous K-ion battery or electrochromic device. <i>Electrochimica Acta</i> , 2020, 345, 136199.	2.6	30
23	High-performance aqueous rechargeable potassium batteries prepared via interfacial synthesis of a Prussian blue-carbon nanotube composite. <i>Electrochimica Acta</i> , 2020, 349, 136243.	2.6	34
24	Molybdenum-based two-dimensional materials: Synthesis, dispersion, exfoliation and thin film deposition. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 80-90.	5.0	12
25	Graphene oxide as a surfactant in the nanostructuring of a conduction polymer: Effect on the electronic structure, chain orientation, and charge transfer dynamics. <i>Organic Electronics</i> , 2019, 75, 105440.	1.4	6
26	Anchoring conductive polymeric monomers on single-walled carbon nanotubes: towards covalently linked nanocomposites. <i>New Journal of Chemistry</i> , 2019, 43, 10482-10490.	1.4	6
27	A new approach for the achievement of stable aqueous dispersions of carbon nanotubes. <i>Chemical Communications</i> , 2019, 55, 5809-5812.	2.2	11
28	A multi-technique approach towards the mechanistic investigation of the electrodeposition of Prussian blue over carbon nanotubes film. <i>Electrochimica Acta</i> , 2019, 312, 380-391.	2.6	23
29	Charting a course for chemistry. <i>Nature Chemistry</i> , 2019, 11, 286-294.	6.6	18
30	Facile synthesis and dopamine sensing application of three component nanocomposite thin films based on polythiophene, gold nanoparticles and carbon nanotubes. <i>Journal of Electroanalytical Chemistry</i> , 2019, 840, 208-217.	1.9	29
31	Nanostructures and Compatibility in Rubber Nanocomposites Containing Carbon Nanofillers. , 2019, , 1-26.		2
32	Enhancement of conductivity and transmittance of graphene oxide/PEDOT:PSS electrodes and the evaluation of charge transfer dynamics. <i>Journal of Applied Physics</i> , 2019, 126, .	1.1	15
33	Molecular orientation and femtosecond charge transfer dynamics in transparent and conductive electrodes based on graphene oxide and PEDOT:PSS composites. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 736-743.	1.3	15
34	ALGUMAS ESTRUTURAS DO CARBONO ELEMENTAR E SUA IMPORTÂNCIA PARA O DESENVOLVIMENTO E SOBERANIA DO BRASIL. <i>Química Nova</i> , 2019, , .	0.3	1
35	Nanoscience and Nanotechnology - A True Revolution in the Way of Thinking Nature. <i>Brazilian Journal of Analytical Chemistry</i> , 2019, 5, 12-13.	0.3	1
36	Nonenzymatic electrochemical sensor based on imidazole-functionalized graphene oxide for progesterone detection. <i>Biosensors and Bioelectronics</i> , 2018, 112, 108-113.	5.3	69

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37	Targeted catalytic degradation of organophosphates: pursuing sensors. <i>Pure and Applied Chemistry</i> , 2018, 90, 1593-1603.	0.9	12
38	Direct and one-step synthesis of polythiophene/gold nanoparticles thin films through liquid/liquid interfacial polymerization. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 498-510.	5.0	38
39	Highly Conducting, Sustainable, Nanographitic Rubber Composites. <i>ACS Omega</i> , 2018, 3, 1367-1373.	1.6	16
40	Photoanode for Aqueous Dye-Sensitized Solar Cells based on a Novel Multicomponent Thin Film. <i>ChemSusChem</i> , 2018, 11, 1238-1245.	3.6	16
41	Carbon nanotube thin films modified with a mixture of Prussian blue and ruthenium purple: combining materials and properties. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2003-2012.	1.2	7
42	Covalently linked nanocomposites of polypyrrole with graphene: Strategic design toward optimized properties. <i>Journal of Polymer Science Part A</i> , 2018, 56, 579-588.	2.5	12
43	Nickel hexacyanoferrate supported at nickel nanoparticles for voltammetric determination of rifampicin. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 816-823.	4.0	24
44	Nanocatalysts for hydrogen production from borohydride hydrolysis: graphene-derived thin films with Ag- and Ni-based nanoparticles. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22226-22233.	5.2	27
45	Ultrafast interface charge transfer dynamics on P3HT/MWCNT nanocomposites probed by resonant Auger spectroscopy. <i>RSC Advances</i> , 2018, 8, 26416-26422.	1.7	12
46	Cation effect on the structure and properties of hexacyanomellates-based nanocomposites: Improving cathode performance in aqueous metal-ions batteries. <i>Electrochimica Acta</i> , 2018, 283, 1339-1350.	2.6	23
47	Facile room temperature synthesis of large graphene sheets from simple molecules. <i>Chemical Science</i> , 2018, 9, 7297-7303.	3.7	25
48	Electrostatic stabilization of multi-walled carbon nanotubes dispersed in nonaqueous media. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 187-196.	5.0	11
49	Doping effect on self-assembled films of polyaniline and carbon nanotube applied as ammonia gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 25-33.	4.0	136
50	Bottom-up synthesis of graphene/polyaniline nanocomposites for flexible and transparent energy storage devices. <i>Journal of Power Sources</i> , 2017, 348, 87-93.	4.0	43
51	Tailoring multifunctional graphene-based thin films: from nanocatalysts to SERS substrates. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9591-9603.	5.2	27
52	Design of a new nanocomposite between bismuth nanoparticles and graphene oxide for development of electrochemical sensors. <i>Materials Science and Engineering C</i> , 2017, 79, 262-269.	3.8	23
53	Conducting, transparent and flexible substrates obtained from interfacial thin films of double-walled carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , 2017, 502, 146-152.	5.0	13
54	Electrical and morphological study of carbon nanotubes/polyaniline composite films: A model to explain different tunneling regimes induced by a vertical electric field. <i>Thin Solid Films</i> , 2017, 636, 314-324.	0.8	11

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55	Air stable black phosphorous in polyaniline-based nanocomposite. <i>Scientific Reports</i> , 2017, 7, 10165.	1.6	35
56	Adsorption of anti-inflammatory nimesulide by graphene materials: a combined theoretical and experimental study. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22099-22110.	1.3	34
57	Imidazole-derived graphene nanocatalysts for organophosphate destruction: Powder and thin film heterogeneous reactions. <i>Journal of Catalysis</i> , 2017, 356, 75-84.	3.1	30
58	Gold nanoparticles supported on multi-walled carbon nanotubes produced by biphasic modified method and dopamine sensing application. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 43-50.	4.0	68
59	Multifunctional Nanocomposites of Natural Rubber Latex and Carbon Nanostructures. <i>Revista Virtual De Quimica</i> , 2017, 9, 73-96.	0.1	2
60	Non-Synergistic UV-A Photocatalytic Degradation of Estrogens by Nano-TiO ₂ Supported on Activated Carbon. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	4
61	One material, multiple functions: graphene/Ni(OH) ₂ thin films applied in batteries, electrochromism and sensors. <i>Scientific Reports</i> , 2016, 6, 33806.	1.6	65
62	Carbon nanotube/Prussian blue thin films as cathodes for flexible, transparent and ITO-free potassium secondary battery. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 107-116.	5.0	68
63	Design of a Prussian Blue Analogue/Carbon Nanotube Thin Film Nanocomposite: Tailored Precursor Preparation, Synthesis, Characterization, and Application. <i>Chemistry - A European Journal</i> , 2016, 22, 6643-6653.	1.7	27
64	Nickel nanoparticles with hcp structure: Preparation, deposition as thin films and application as electrochemical sensor. <i>Journal of Colloid and Interface Science</i> , 2016, 468, 34-41.	5.0	38
65	pKa determination of graphene-like materials: Validating chemical functionalization. <i>Journal of Colloid and Interface Science</i> , 2016, 467, 239-244.	5.0	73
66	Adsorption of sodium diclofenac on graphene: a combined experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1526-1536.	1.3	158
67	Water based, solution-processable, transparent and flexible graphene oxide composite as electrodes in organic solar cell application. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 105106.	1.3	33
68	Flexible, Transparent and Thin Films of Carbon Nanomaterials as Electrodes for Electrochemical Applications. <i>Electrochimica Acta</i> , 2016, 197, 200-209.	2.6	67
69	The total chemical synthesis of polymer/graphene nanocomposite films. <i>Chemical Communications</i> , 2016, 52, 1629-1632.	2.2	33
70	PHOTOCATALYTIC DEGRADATION OF DYE OVER GRAPHENE-TiO ₂ NANOCOMPOSITE. <i>Quimica Nova</i> , 2016, , .	0.3	1
71	Graphene/nickel nanoparticles composites from graphenide solutions. <i>Journal of Colloid and Interface Science</i> , 2015, 453, 28-35.	5.0	15
72	Graphene chemically synthesized from benzene at liquid-liquid interfaces. <i>Carbon</i> , 2015, 93, 924-932.	5.4	27

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73	Carbon nanotube/polyaniline nanocomposites: Electronic structure, doping level and morphology investigations. <i>Synthetic Metals</i> , 2015, 203, 16-21.	2.1	32
74	Graphene nanoribbons inducing cube-shaped Ag nanoparticle assemblies. <i>Carbon</i> , 2015, 93, 800-811.	5.4	15
75	Thiol-capped gold nanoparticles: Influence of capping amount on electrochemical behavior and potential application as voltammetric sensor for diltiazem. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 673-678.	4.0	23
76	Annealing effect on donor-acceptor interface and its impact on the performance of organic photovoltaic devices based on PSiF-DBT copolymer and C60. <i>Applied Physics Letters</i> , 2015, 106, 133301.	1.5	12
77	Thin and transparent films of graphene/silver nanoparticles obtained at liquid-liquid interfaces: Preparation, characterization and application as SERS substrates. <i>Journal of Colloid and Interface Science</i> , 2015, 438, 29-38.	5.0	49
78	Multifunctional carbon nanotubes/ruthenium purple thin films: preparation, characterization and study of application as sensors and electrochromic materials. <i>Dalton Transactions</i> , 2015, 44, 5985-5995.	1.6	20
79	THE EFFECT OF VARIATION OF REACTIONAL PARAMETERS IN THE PREPARATION OF GRAPHENE BY OXIDATION AND REDUCTION OF GRAPHITE. <i>Quimica Nova</i> , 2014, , .	0.3	9
80	CARBON NANOTUBE/PLATINUM NANOPARTICLE NANOCOMPOSITES: PREPARATION, CHARACTERIZATION AND APPLICATION IN ELECTROOXIDATION OF ALCOHOLS. <i>Quimica Nova</i> , 2014, , .	0.3	0
81	Thin and flexible all-solid supercapacitor prepared from novel single wall carbon nanotubes/polyaniline thin films obtained in liquid-liquid interfaces. <i>Journal of Power Sources</i> , 2014, 260, 34-42.	4.0	90
82	PVP-capped nickel nanoparticles: Synthesis, characterization and utilization as a glycerol electrosensor. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 574-581.	4.0	55
83	Resistive switching in iron-oxide-filled carbon nanotubes. <i>Nanoscale</i> , 2014, 6, 378-384.	2.8	17
84	Carbon nanotube/Prussian blue paste electrodes: Characterization and study of key parameters for application as sensors for determination of low concentration of hydrogen peroxide. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 782-790.	4.0	55
85	Electrical Properties of Self-Assembled Films of Polyaniline/Carbon Nanotubes Composites. <i>Journal of Physical Chemistry C</i> , 2014, 118, 24811-24818.	1.5	29
86	Functionalized graphene oxide as a nanocatalyst in dephosphorylation reactions: pursuing artificial enzymes. <i>Chemical Communications</i> , 2014, 50, 9891-9894.	2.2	27
87	Multifunctional and environmentally friendly nanocomposites between natural rubber and graphene or graphene oxide. <i>Carbon</i> , 2014, 78, 469-479.	5.4	101
88	Synthesis, characterization and morphology of reduced graphene oxide-metal-TCNQ nanocomposites. <i>Journal of Materials Chemistry C</i> , 2014, 2, 870-878.	2.7	45
89	Mechanistic Insights Gained by Monitoring Carbon Nanotube/Prussian Blue Nanocomposite Formation With in Situ Electrochemically Based Techniques. <i>Journal of Physical Chemistry C</i> , 2014, 118, 13157-13167.	1.5	17
90	37ª. REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA. <i>Quimica Nova</i> , 2014, , .	0.3	4

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91	Synthesis and Characterization of Carboxyl-Substituted Polyanilines Doped with Halogenated Acids: Combining Conductivity with Solubility. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	4
92	Carbon nanotube/Prussian blue nanocomposite film as a new electrode material for environmental treatment of water samples. <i>RSC Advances</i> , 2013, 3, 5393.	1.7	18
93	Reduction of graphene oxide films on Al foil for hybrid transparent conductive film applications. <i>Carbon</i> , 2013, 63, 454-459.	5.4	53
94	Electrochromic properties of carbon nanotubes/Prussian blue nanocomposite films. <i>Solar Energy Materials and Solar Cells</i> , 2013, 109, 40-46.	3.0	58
95	Interactions of iron-oxide filled carbon nanotubes with gas molecules. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 14340.	1.3	2
96	Lithium intercalation in nanostructured thin films of a mixed-valence layered vanadium oxide using an ionic liquid electrolyte. <i>Journal of Power Sources</i> , 2013, 224, 72-79.	4.0	11
97	Investigation of carbon nanotube/polyaniline nanocomposite thin films produced by interfacial polymerization through electron desorption. <i>Journal of Molecular Structure</i> , 2013, 1037, 93-98.	1.8	12
98	ITO-Free and Flexible Organic Photovoltaic Device Based on High Transparent and Conductive Polyaniline/Carbon Nanotube Thin Films. <i>Advanced Functional Materials</i> , 2013, 23, 1490-1499.	7.8	174
99	Reduced Graphene Oxide/Copper Nanowire Hybrid Films as High-Performance Transparent Electrodes. <i>ACS Nano</i> , 2013, 7, 1811-1816.	7.3	261
100	Tri-layer graphene films produced by mechanochemical exfoliation of graphite. <i>Carbon</i> , 2013, 57, 410-415.	5.4	46
101	Targeted thiolation of graphene oxide and its utilization as precursor for graphene/silver nanoparticles composites. <i>Carbon</i> , 2013, 61, 543-550.	5.4	75
102	Multivariate optimisation of TiO ₂ /carbon nanocomposites for photocatalytic degradation of a reactive textile dye. <i>Materials Research Bulletin</i> , 2013, 48, 581-586.	2.7	13
103	36 ^ª Reunião Anual da SBQ. <i>Quimica Nova</i> , 2013, 36, 621-621.	0.3	2
104	Nanoestruturas de carbono (nanotubos, grafeno): Quo Vadis?. <i>Quimica Nova</i> , 2013, 36, 1533-1539.	0.3	32
105	Tribute of the SBQ and the JBCS to Professor Fernando Galembeck on his 70th birthday. <i>Journal of the Brazilian Chemical Society</i> , 2013, 24, 177-177.	0.6	0
106	Transparent films from carbon nanotubes/Prussian blue nanocomposites: preparation, characterization, and application as electrochemical sensors. <i>Journal of Materials Chemistry</i> , 2012, 22, 1824-1833.	6.7	64
107	Graphene-Conducting Polymer Nanocomposites Prepared by Interfacial Polymerization. <i>RSC Nanoscience and Nanotechnology</i> , 2012, , 211-238.	0.2	0
108	Flow injection amperometric determination of isoniazid using a screen-printed carbon electrode modified with silver hexacyanoferrates nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 795-802.	4.0	60

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109	Resonant Raman spectroscopy and spectroelectrochemistry characterization of carbon nanotubes/polyaniline thin film obtained through interfacial polymerization. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1094-1100.	1.2	73
110	Self-assembled films of multi-wall carbon nanotubes used in gas sensors to increase the sensitivity limit for oxygen detection. <i>Carbon</i> , 2012, 50, 1953-1958.	5.4	51
111	Multifunctional materials based on iron/iron oxide-filled carbon nanotubes/natural rubber composites. <i>Carbon</i> , 2012, 50, 4685-4695.	5.4	31
112	Novel TiO ₂ /C nanocomposites: Synthesis, characterization, and application as a photocatalyst for the degradation of organic pollutants. <i>Journal of Colloid and Interface Science</i> , 2012, 368, 121-127.	5.0	29
113	Electroanalytical application of a screen-printed electrode modified by dodecanethiol-stabilized platinum nanoparticles for dapsona determination. <i>Electrochimica Acta</i> , 2012, 66, 265-270.	2.6	23
114	Voltammetric Determination of the Antioxidant Capacity in Wine Samples Using a Carbon Nanotube Modified Electrode. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7620-7625.	2.4	131
115	The effect of different chemical treatments on the structure and stability of aqueous dispersion of iron- and iron oxide-filled multi-walled carbon nanotubes. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 2191-2201.	0.6	39
116	Transparent and conductive thin films of graphene/polyaniline nanocomposites prepared through interfacial polymerization. <i>Chemical Communications</i> , 2011, 47, 2592-2594.	2.2	155
117	One-Pot Synthesis and Processing of Transparent, Conducting, and Freestanding Carbon Nanotubes/Polyaniline Composite Films. <i>Chemistry of Materials</i> , 2010, 22, 5222-5234.	3.2	215
118	Dodecanethiol-Stabilized Platinum Nanoparticles Obtained by a Two-Phase Method: Synthesis, Characterization, Mechanism of Formation, and Electrocatalytic Properties. <i>Chemistry of Materials</i> , 2010, 22, 360-370.	3.2	64
119	A Simple and Innovative Route to Prepare a Novel Carbon Nanotube/Prussian Blue Electrode and its Utilization as a Highly Sensitive H ₂ O ₂ Amperometric Sensor. <i>Advanced Functional Materials</i> , 2009, 19, 3980-3986.	7.8	160
120	Utilization of iron oxide film obtained by CVD process as catalyst to carbon nanotubes growth. <i>Journal of Solid State Chemistry</i> , 2009, 182, 2867-2872.	1.4	8
121	Photoabsorption and desorption studies on poly-3-hexylthiophene/multi-walled carbon nanotube composite films. <i>Surface Science</i> , 2009, 603, 647-652.	0.8	13
122	V ₂ O ₅ nanoparticles obtained from a synthetic bariandite-like vanadium oxide: Synthesis, characterization and electrochemical behavior in an ionic liquid. <i>Journal of Colloid and Interface Science</i> , 2009, 337, 586-593.	5.0	63
123	Polyphosphate based electrochemical capacitors. <i>Synthetic Metals</i> , 2009, 159, 2309-2311.	2.1	1
124	The effect of process variables on the characteristics of carbon nanotubes obtained by spray pyrolysis. <i>Journal of Nanoparticle Research</i> , 2008, 10, 585-597.	0.8	7
125	Carbon paste electrodes made from novel carbonaceous materials: Preparation and electrochemical characterization. <i>Electrochimica Acta</i> , 2008, 54, 582-589.	2.6	26
126	Carbon Nanotubes Decorated with both Gold Nanoparticles and Polythiophene. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18783-18786.	1.5	36

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127	Evaluation of porous silica glasses as insect pheromone dispensers. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1634-1640.	0.6	6
128	Synthesis of Fe/Ti oxides from a single source alkoxide precursor under inert atmosphere. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1501-1512.	0.6	12
129	Evidence of fractal structure for charge transport in carbon-nanotube/conjugated-polymer composites. <i>Europhysics Letters</i> , 2007, 79, 47011.	0.7	8
130	Química de (nano)materials. <i>Quimica Nova</i> , 2007, 30, 1469-1479.	0.3	36
131	Iron- and iron oxide-filled multi-walled carbon nanotubes: Electrical properties and memory devices. <i>Chemical Physics Letters</i> , 2007, 444, 304-308.	1.2	41
132	Vanadium oxide nanostructures derived from a novel vanadium(IV) alkoxide precursor. <i>Chemical Physics Letters</i> , 2007, 445, 293-296.	1.2	13
133	Low coercive field and conducting nanocomposite formed by Fe ₃ O ₄ and poly(thiophene). <i>Journal of Solid State Chemistry</i> , 2007, 180, 3545-3550.	1.4	26
134	Nickel nanoparticles obtained by a modified polyol process: Synthesis, characterization, and magnetic properties. <i>Journal of Colloid and Interface Science</i> , 2007, 311, 461-468.	5.0	220
135	Evidence of Verwey transition in iron- and iron oxide-encapsulated carbon nanotubes. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 312, 32-34.	1.0	7
136	Incorporation, Oxidation and Pyrolysis of Ferrocene into Porous Silica Glass: A Route to Different Silica/Carbon and Silica/Iron Oxide Nanocomposites. <i>Inorganic Chemistry</i> , 2006, 45, 10642-10650.	1.9	19
137	A Simple Two-Phase Route to Silver Nanoparticles/Polyaniline Structures. <i>Journal of Physical Chemistry B</i> , 2006, 110, 17063-17069.	1.2	99
138	Porous carbon obtained by the pyrolysis of TiO ₂ /poly(furfuryl alcohol) nanocomposite: preparation, characterization and utilization for adsorption of reactive dyes from aqueous solution. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1151-1157.	0.6	21
139	Hollow porous carbon microspheres obtained by the pyrolysis of TiO ₂ /poly(furfuryl alcohol) composite precursors. <i>Carbon</i> , 2006, 44, 2869-2876.	5.4	62
140	Carbon nanotubes based nanocomposites for photocurrent improvement. <i>Applied Surface Science</i> , 2006, 252, 5575-5578.	3.1	40
141	Sol-gel processing of a bimetallic alkoxide precursor confined in a porous glass matrix: A route to novel glass/metal oxide nanocomposites. <i>Journal of Colloid and Interface Science</i> , 2006, 299, 291-296.	5.0	10
142	Influence of synthetic parameters on the size, structure, and stability of dodecanethiol-stabilized silver nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2005, 292, 429-435.	5.0	205
143	Um procedimento simples e barato para a construção de um equipamento "dip-coating" para deposição de filmes em laboratório. <i>Quimica Nova</i> , 2005, 28, 141-144.	0.3	13
144	Nonlinear susceptibility of colloids consisting of silver nanoparticles in carbon disulfide. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2005, 22, 2444.	0.9	58

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145	Polypyrrole/polyphosphate organic/inorganic nanocomposites. Journal of Non-Crystalline Solids, 2005, 351, 3704-3708.	1.5	6
146	Nonlinear susceptibility of colloids consisting of silver nanoparticles in carbon disulfide. , 2005, , .		0
147	Nickel(II) and manganese(III) tetraazaannulenes complexes encapsulated in porous Vycor glass (PVG): investigation of catalytic activity. Journal of Molecular Catalysis A, 2004, 222, 213-222.	4.8	10
148	Novel flexible, freestanding and transparent organic/inorganic hybrid materials formed between polyaniline and polyphosphate gel. Synthetic Metals, 2004, 146, 57-62.	2.1	18
149	Organic/inorganic hybrid materials formed from TiO ₂ nanoparticles and polyaniline. Journal of the Brazilian Chemical Society, 2004, 15, 378-384.	0.6	64
150	Single-source precursor and homometal approaches to the sol-gel synthesis of iron and titanium oxides. , 2004, , 221-226.		4
151	One-step route to iron oxide-filled carbon nanotubes and bucky-onions based on the pyrolysis of organometallic precursors. Chemical Physics Letters, 2003, 381, 541-548.	1.2	107
152	Titanium and iron oxides produced by sol-gel processing of [FeCl{Ti ₂ (OPri) ₉ }] : structural, spectroscopic and morphological features. Materials Research Bulletin, 2003, 38, 1915-1928.	2.7	22
153	Template carbon dispersed in polyaniline matrix electrodes: evaluation and application as electrochemical sensors to low concentrations of Cu ²⁺ and Pb ²⁺ . Electrochemistry Communications, 2003, 5, 983-988.	2.3	28
154	Preparation and Characterization of Novel Hybrid Materials Formed from (Ti,Sn)O ₂ Nanoparticles and Polyaniline. Chemistry of Materials, 2003, 15, 4658-4665.	3.2	194
155	(Ti,Sn)O ₂ Mixed Oxides Nanoparticles Obtained by the Sol-Gel Route. Chemistry of Materials, 2003, 15, 1903-1909.	3.2	79
156	Química de materiais em 25 anos de SBQ. Química Nova, 2002, 25, 75.	0.3	0
157	Immobilization of iron porphyrins into porous vycor glass: characterization and study of catalytic activity. Journal of Molecular Catalysis A, 2002, 185, 203-210.	4.8	48
158	Preparation, characterization and pyrolysis of poly(furfuryl alcohol)/porous silica glass nanocomposites: novel route to carbon template. Carbon, 2002, 40, 2413-2422.	5.4	62
159	Synthesis and characterization of organic-inorganic hybrids formed between conducting polymers and crystalline antimonite acid. Journal of the Brazilian Chemical Society, 2001, 12, 542-547.	0.6	17
160	Construction and evaluation of an optical pH sensor based on polyaniline-porous Vycor glass nanocomposite. Sensors and Actuators B: Chemical, 2001, 74, 157-162.	4.0	82
161	Síntese de polímeros condutores em matrizes sólidas hospedeiras. Química Nova, 2000, 23, 204-215.	0.3	43
162	Polymerization of pyrrole between the layers of H ₂ Ti ₂ (IV) Bis(hydrogenphosphate). Synthetic Metals, 2000, 114, 119-124.	2.1	50

#	ARTICLE	IF	CITATIONS
163	Thermal decomposition of [M ₃ (CO) ₁₂] (M=Ru, Os) physisorbed onto porous Vycor glass: a route to a glass/RuO ₂ nanocomposite. <i>Journal of Materials Chemistry</i> , 1999, 9, 519-523.	6.7	14
164	Polyaniline intercalation in $\hat{I}\pm$ -Sn(HPO ₄) ₂ -H ₂ O. <i>Synthetic Metals</i> , 1999, 102, 1277-1278.	2.1	15
165	Nanocomposites glass/conductive polymers. <i>Synthetic Metals</i> , 1999, 99, 227-235.	2.1	58
166	Silver Antimonates with Pyrochlore-like Structure Prepared by Thermal Treatment of Silver Proton-Exchanged Antimonic Acid: Formation Process and Structural Characterization. <i>Chemistry of Materials</i> , 1999, 11, 1652-1658.	3.2	19
167	New polyaniline/porous glass composite. <i>Synthetic Metals</i> , 1997, 84, 107-108.	2.1	14
168	Glass-encapsulated molecular wires: A polypyrrole/porous glass composite. <i>Advanced Materials</i> , 1995, 7, 792-794.	11.1	19
169	A new route for the obtention of cadmium antimony oxide semiconducting ceramic powders. <i>Journal of Materials Science Letters</i> , 1994, 13, 607-608.	0.5	4
170	Pyrochlore-like compounds derived from antimonic acid. <i>Journal of Materials Chemistry</i> , 1994, 4, 389.	6.7	2
171	Multifunctional Nanocomposites between Different Carbon Nanostructures and Styrene Acrylic Latex. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
172	Electrodeposition of Prussian Blue/Carbon Nanotube Composites at a Liquid-Liquid Interface. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
173	It is Necessary to React. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
174	It Is Necessary to Resist. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
175	A importância da Sociedade Brasileira de Química na pós-graduação em Química no Brasil. <i>Química Nova</i> , 0, , .	0.3	1
176	E chegamos aos quarenta. <i>Química Nova</i> , 0, , .	0.3	0
177	Sustainability & Diversity through Chemistry: Together, We Made that Happen. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
178	Evaluation of Carbon Nanotubes/Polyaniline Thin Films for Development of Electrochemical Sensors. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1