

Marcia L A Temperini

List of Publications by Year in descending order

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193
papers

4,857
citations

94269

37
h-index

138251

58
g-index

193
all docs

193
docs citations

193
times ranked

5544
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-Enhanced Raman and Surface-Enhanced fluorescence of charged dyes based on alginate silver nanoparticles and its calcium alginate hydrogel beads. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 276, 121211.	2.0	2
2	Multivariate probing of antitumor metal-based complexes damage on living cells through Raman imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118838.	2.0	5
3	A Methodology to Identify the Releasing of the Amide-Containing β -Glucan from the Usnea Lichen: A Spectroscopic Study. <i>Journal of Polymers and the Environment</i> , 2021, 29, 3105-3115.	2.4	5
4	SERS and resonance Raman of 5-nitroisatin on silver Ag^0 . The distinction between the coordination and surface complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 263, 120163.	2.0	0
5	Non-traditional intrinsic luminescence from non-conjugated polymer dots: designing a hybrid biomaterial. <i>Polymer Chemistry</i> , 2021, 12, 6319-6328.	1.9	4
6	Investigation of the correlation between chemical structure and morphology in oligoaniline microspheres produced in buffered conditions. <i>European Polymer Journal</i> , 2020, 122, 109345.	2.6	2
7	Substrate for Surface-Enhanced Raman Spectroscopy Formed by Gold Nanoparticles Buried in Poly(methyl methacrylate). <i>ACS Omega</i> , 2020, 5, 10366-10373.	1.6	18
8	Functionalized nanoparticles as adjuvant to increase the cytotoxicity of metallodrugs toward tumor cells. <i>New Journal of Chemistry</i> , 2019, 43, 386-398.	1.4	10
9	Intensity Fluctuations in Single-Molecule Surface-Enhanced Raman Scattering. <i>Accounts of Chemical Research</i> , 2019, 52, 456-464.	7.6	76
10	Hybrid Ni Al layered double hydroxide: Characterization and in situ synchrotron XRD and vibrational spectroscopic studies under high-pressure. <i>Applied Clay Science</i> , 2019, 174, 152-158.	2.6	5
11	Spectroscopic and electrophoresis study of substitution on the surface of gold nanoparticles by different mercaptoalkyl carboxylic acids and bioconjugation with bovine serum albumin. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3047-3058.	1.9	5
12	Structure and Reactivity of the Ionic Liquid 1-Allyl-3-methylimidazolium Iodide under High Pressure. <i>Journal of Physical Chemistry B</i> , 2019, 123, 1822-1830.	1.2	3
13	Modification of Gold's Work Function upon Adsorption of Mercaptobiphenylcarbonitrile: Experimental Evidence for a Theoretical Prediction. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6083-6092.	1.5	4
14	One-dimensional diamondoid polyaniline-like nanothreads from compressed crystal aniline. <i>Chemical Science</i> , 2018, 9, 254-260.	3.7	66
15	Ternary nanocomposites of reduced graphene oxide, polyaniline and hexaniobate: hierarchical architecture and high polaron formation. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2936-2946.	1.5	7
16	On the Cooperativity Effect in Watson and Crick and Wobble Pairs for a Halouracil Series and Its Potential Quantitative Application Studied through Surface-Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2018, 90, 14165-14172.	3.2	1
17	Effect of Structural Anisotropy in High-Pressure Reaction of Aniline. <i>Journal of Physical Chemistry C</i> , 2018, 122, 29158-29164.	1.5	15
18	Surface enhanced Raman spectroscopy and cultural heritage biodeterioration: Fungi identification in earthen architecture from Para�ba Valley (S�o Paulo, Brazil). <i>Vibrational Spectroscopy</i> , 2018, 97, 129-134.	1.2	11

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19	SAM of Gliotoxin on Gold: A Natural Product Platform for Sugar Recognition based on the Immobilization of <i>Canavalia brasiliensis</i> lectin (ConBr). <i>Electrochimica Acta</i> , 2017, 241, 116-123.	2.6	8
20	Probing the Chemical Stability of Aniline under High Pressure. <i>Journal of Physical Chemistry C</i> , 2017, 121, 7495-7501.	1.5	15
21	Molecular Wires Bridging Gaps between Gold Surfaces and Their Influence on SERS Intensities. <i>Journal of Physical Chemistry C</i> , 2017, 121, 20937-20946.	1.5	12
22	Cooperative hydrogen-bonding of the adenine-thymine pair as a strategy for lowering the limit of detection of thymine by surface-enhanced Raman spectroscopy. <i>Analyst</i> , 2016, 141, 3428-3436.	1.7	10
23	Influence of different copper(II) salts on the oxidation and doping reactions of emeraldine base polyaniline. <i>Vibrational Spectroscopy</i> , 2016, 87, 129-136.	1.2	5
24	Triggering the Chemical Instability of an Ionic Liquid under High Pressure. <i>Journal of Physical Chemistry B</i> , 2016, 120, 9097-9102.	1.2	6
25	Electrochemical Control of Light Transmission through Nanohole Electrode Arrays. <i>ACS Photonics</i> , 2016, 3, 2375-2382.	3.2	14
26	Single-Molecule Surface-Enhanced (Resonance) Raman Scattering (SE(R)RS) as a Probe for Metal Colloid Aggregation State. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20877-20885.	1.5	25
27	Investigation of the electrochemical behavior of L-cysteine in acidic media. <i>Journal of Electroanalytical Chemistry</i> , 2016, 765, 87-91.	1.9	10
28	Electrochemical template synthesis of adherent polyaniline thin films with tubular structure. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 983-991.	1.2	5
29	Spatiotemporal distribution of different extracellular polymeric substances and filamentation mediate <i>Xylella fastidiosa</i> adhesion and biofilm formation. <i>Scientific Reports</i> , 2015, 5, 9856.	1.6	85
30	Probing molecular ordering in the HCl-doped polyaniline with bulk and nanofiber morphology by their thermal behavior. <i>Polymer Degradation and Stability</i> , 2015, 113, 66-71.	2.7	18
31	Critical assessment of enhancement factor measurements in surface-enhanced Raman scattering on different substrates. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21294-21301.	1.3	40
32	Spectroelectrochemical study of picolinic acid adsorption during silver electrodeposition. <i>Electrochimica Acta</i> , 2015, 156, 154-162.	2.6	2
33	Rapid Synthesis of Hollow Ag@Au Nanodendrites in 15 Seconds by Combining Galvanic Replacement and Precursor Reduction Reactions. <i>Chemistry - A European Journal</i> , 2014, 20, 15040-15046.	1.7	28
34	Release of Cyanopyridine from a Ruthenium Complex Adsorbed on Gold: Surface-Enhanced Raman Scattering, Electrochemistry, and Density Functional Theory Analyses. <i>Journal of Physical Chemistry C</i> , 2014, 118, 27925-27932.	1.5	5
35	Probing the local environment of hybrid materials designed from ionic liquids and synthetic clay by Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 469-475.	2.0	20
36	Electrochemical, surface enhanced Raman scattering and surface plasmon resonance investigations on the coordination of cyanopyridine to ruthenium on surface. <i>Electrochimica Acta</i> , 2014, 122, 204-209.	2.6	4

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37	Hybrid materials of polyaniline and acidic hexaniobate nanoscrolls: high polaron formation and improved thermal properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8205-8214.	5.2	18
38	Pressure-Induced Reactivity in the Emeraldine Salt and Base Forms of Polyaniline Probed by FTIR and Raman. <i>Journal of Physical Chemistry C</i> , 2014, 118, 27559-27566.	1.5	20
39	Monitoring of Silver Electrodeposition onto HOPG Electrodes in the Presence of Picolinic Acid by in Situ Surface-Enhanced Raman Spectra Measurements. <i>Journal of Physical Chemistry C</i> , 2014, 118, 4167-4180.	1.5	3
40	One-Step Synthesis, Characterization, and Properties of Emeraldine Salt Nanofibers Containing Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 4267-4274.	1.5	25
41	Mefenamic Acid Anti-Inflammatory Drug: Probing Its Polymorphs by Vibrational (IR and Raman) and Solid-State NMR Spectroscopies. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4333-4344.	1.2	38
42	Emeraldine Salt Form of Polyaniline as a Probe Molecule for Surface Enhanced Raman Scattering Substrates Excited at 1064 nm. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18199-18205.	1.5	18
43	Ionic liquids based on the bis(trifluoromethylsulfonyl)imide anion for high-pressure Raman spectroscopy measurements. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 481-484.	1.2	19
44	Understanding the Equilibria of Thio Compounds Adsorbed on Gold by Surface-Enhanced Raman Scattering and Density Functional Theory Calculations. <i>Journal of Physical Chemistry C</i> , 2013, 117, 6275-6283.	1.5	17
45	SERS performance of gold nanotubes obtained by sputtering onto polycarbonate track-etched membranes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 1169-1176.	1.3	23
46	Biopolymer-Clay Nanocomposites: Cassava Starch and Synthetic Clay Cast Films. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	9
47	Hybrid Materials Based on Smectite Clays and Nutraceutical Anthocyanins from the Açai-Fruit. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5411-5420.	1.0	29
48	Aniline-1,4-benzoquinone as a model system for the characterization of products from aniline oligomerization in low acidic media. <i>Chemical Physics Letters</i> , 2012, 551, 130-133.	1.2	34
49	Mixed-valence state of symmetric diruthenium complexes: synthesis, characterization, and electron transfer investigation. <i>Dalton Transactions</i> , 2012, 41, 14540.	1.6	2
50	Spectroscopic, morphological and electrochromic characterization of layer-by-layer hybrid films of polyaniline and hexaniobate nanoscrolls. <i>Journal of Materials Chemistry</i> , 2012, 22, 14052.	6.7	54
51	Mapping the Energy Distribution of SERRS Hot Spots from Anti-Stokes to Stokes Intensity Ratios. <i>Journal of the American Chemical Society</i> , 2012, 134, 13492-13500.	6.6	36
52	Structural, Spectroscopic (NMR, IR, and Raman), and DFT Investigation of the Self-Assembled Nanostructure of Pravastatin-LDH (Layered Double Hydroxides) Systems. <i>Chemistry of Materials</i> , 2012, 24, 1415-1425.	3.2	66
53	Spectroscopic Study on the Structural Differences of Thermally Induced Cross-Linking Segments in Emeraldine Salt and Base Forms of Polyaniline. <i>Journal of Physical Chemistry B</i> , 2012, 116, 14191-14200.	1.2	24
54	Fluctuations of the Stokes and anti-Stokes surface-enhanced resonance Raman scattering intensities in an electrochemical environment. <i>Chemical Communications</i> , 2011, 47, 7158.	2.2	16

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55	Spectroscopic Characterization of Oligoaniline Microspheres Obtained by an AnilineâPersulfate Approach. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1368-1375.	1.2	39
56	Tetragonal-cubic phase boundary in nanocrystalline ZrO ₂ âY ₂ O ₃ solid solutions synthesized by gel-combustion. <i>Journal of Alloys and Compounds</i> , 2011, 509, 5177-5182.	2.8	8
57	Spectroscopic study of the polymerization of intercalated anilinium ions in different montmorillonite clays. <i>Journal of Molecular Structure</i> , 2011, 1002, 63-69.	1.8	7
58	Characterization of the products of aniline peroxydisulfate oligo/polymerization in media with different pH by resonance Raman spectroscopy at 413.1 and 1064 nm excitation wavelengths. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1653-1659.	1.2	27
59	Intralaminar structural modifications related to the proton exchanging in K ₄ Nb ₆ O ₁₇ layered phase. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 560-564.	1.9	30
60	Synthesis and spectroscopic characterization of polymer and oligomers of ortho-phenylenediamine. <i>European Polymer Journal</i> , 2010, 46, 484-493.	2.6	79
61	FT-Raman investigation of biodegradable polymers: Poly(3-hydroxybutyrate) and poly(3-hydroxybutyrate-co-3-hydroxyvalerate). <i>Vibrational Spectroscopy</i> , 2010, 54, 127-132.	1.2	47
62	Adsorption of 4-aminopyridine on Co and Ag electrodes probed by SERS. <i>Vibrational Spectroscopy</i> , 2010, 54, 148-154.	1.2	6
63	On the correlation between electronic intramolecular delocalization and Au-S bonding strength of ruthenium tetraammine SAMs. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1283-1292.	0.6	4
64	ProduÃ§Ã£o de substratos sers eficientes atravÃ©s da deposiÃ§Ã£o de ouro sobre um molde de microesferas de poliestireno. <i>Quimica Nova</i> , 2010, 33, 2093-2097.	0.3	2
65	Raman Characterization of Oligoaniline Self-Assembled Microspheres. , 2010, , .		0
66	Layer-by-Layer Hybrid Films of Polyaniline and Hexaniobate Nanosheets Characterized by Resonance Raman Spectroscopy. , 2010, , .		0
67	Structural characterization of poly-para-phenylenediamineâmontmorillonite clay nanocomposites. <i>Synthetic Metals</i> , 2010, 160, 2397-2403.	2.1	13
68	The role of solvent on the doping of polyaniline with Fe(III) ions. <i>Synthetic Metals</i> , 2010, 160, 2552-2558.	2.1	13
69	Dinuclear Azide-Bridged Copper(II) Complex as Building Block for the Assembly of a 2D-Supramolecular Array. <i>Science of Advanced Materials</i> , 2010, 2, 173-183.	0.1	2
70	AplicaÃ§Ã£o de espectroscopias raman e infravermelho na identificaÃ§Ã£o e quantificaÃ§Ã£o de plastificantes em filmes comerciais de PVC esticÃ¡vel. <i>Quimica Nova</i> , 2009, 32, 1452-1456.	0.3	13
71	Using Polycarbonate Membranes as Templates for the Preparation of Au Nanostructures for Surface-Enhanced Raman Scattering. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3233-3238.	0.9	21
72	Thionicotinamide SAM on Gold: Adsorption Studies and Electroactivity. <i>Electroanalysis</i> , 2009, 21, 1081-1089.	1.5	9

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73	Size-dependent SERS enhancement of colloidal silver nanoplates: the case of 2-amino-5-nitropyridine. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 183-190.	1.2	57
74	Identification of species formed after pyridine adsorption on iron, cobalt, nickel and silver electrodes by SERS and theoretical calculations. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 1989-1995.	1.2	24
75	Acanthoscurrin fragment 101-132: Total synthesis at 60°C of a novel difficult sequence. <i>Biopolymers</i> , 2009, 92, 65-75.	1.2	16
76	Spectroscopic evidences of the presence of hydrogenated species on the surface of copper during CO ₂ electroreduction at low cathodic potentials. <i>Journal of Electroanalytical Chemistry</i> , 2009, 629, 158-163.	1.9	26
77	Structure of chemically prepared poly-(para-phenylenediamine) investigated by spectroscopic techniques. <i>Polymer</i> , 2009, 50, 6043-6048.	1.8	72
78	Electrochemical Control of the Time-Dependent Intensity Fluctuations in Surface-Enhanced Raman Scattering (SERS). <i>Journal of Physical Chemistry C</i> , 2009, 113, 17737-17744.	1.5	62
79	Spectroscopic investigation of the interactions between emeraldine base polyaniline and Eu(III) ions. <i>Synthetic Metals</i> , 2009, 159, 377-384.	2.1	13
80	The role of oxygen in the interaction of emeraldine base polyaniline with Cu(II) or Fe(III) ions in NMP solution. <i>Synthetic Metals</i> , 2009, 159, 1165-1173.	2.1	16
81	Metastable Phase Diagram of Nanocrystalline ZrO ₂ Sc ₂ O ₃ Solid Solutions. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18661-18666.	1.5	15
82	High performance gold nanorods and silver nanocubes in surface-enhanced Raman spectroscopy of pesticides. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 7491.	1.3	68
83	A hybrid material assembled by anthocyanins from a fruit intercalated between niobium lamellar oxide. <i>Dalton Transactions</i> , 2009, , 4136.	1.6	13
84	Studies on the resonance Raman spectra of polyaniline obtained with near-IR excitation. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 772-778.	1.2	128
85	Spectroscopic characterization of the structural changes of polyaniline nanofibers after heating. <i>Polymer Degradation and Stability</i> , 2008, 93, 291-297.	2.7	57
86	The role of cross-linking structures to the formation of one-dimensional nano-organized polyaniline and their Raman fingerprint. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 869-875.	2.0	47
87	Oxidation of anilinium ions intercalated in montmorillonite clay by electrochemical route. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 318, 245-253.	2.3	18
88	Structure of polyaniline formed in different inorganic porous materials: A spectroscopic study. <i>European Polymer Journal</i> , 2008, 44, 3501-3511.	2.6	39
89	Surface-enhanced Raman study of electrochemical and photocatalytic degradation of the azo dye Janus Green B. <i>Applied Catalysis B: Environmental</i> , 2008, 77, 339-345.	10.8	30
90	Structural and Vibrational Characterization of Polyaniline Nanofibers Prepared from Interfacial Polymerization. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11551-11557.	1.2	38

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91	Surface-Enhanced Resonance Raman Scattering of Polyaniline on Silver and Gold Colloids. Journal of Physical Chemistry B, 2008, 112, 16334-16340.	1.2	30
92	Comparison of SERS Performances of Co and Ni Ultrathin Films over Silver to Electrochemically Activated Co and Ni Electrodes. Journal of Physical Chemistry C, 2008, 112, 15348-15355.	1.5	9
93	An Atomistically Enriched Continuum Model for Nanoscale Contact Mechanics and Its Application to Contact Scaling. Journal of Nanoscience and Nanotechnology, 2008, 8, 3757-3773.	0.9	27
94	Creating and fixing a metal nanoparticle layer on the holes of microstructured fibers for plasmonic applications. , 2008, , .		2
95	Polyaniline/Layered Zirconium Phosphate Nanocomposites: Secondary-Like Doped Polyaniline Obtained by the Layer-by-Layer Technique. Journal of Nanoscience and Nanotechnology, 2008, 8, 1782-1789.	0.9	7
96	Polyaniline/layered zirconium phosphate nanocomposites: secondary-like doped polyaniline obtained by the layer-by-layer technique. Journal of Nanoscience and Nanotechnology, 2008, 8, 1782-9.	0.9	2
97	Raman dispersion in polyaniline base forms. Synthetic Metals, 2007, 157, 247-251.	2.1	34
98	1,10-Phenanthroline Adsorption on Iron Electrode Monitored by Surface-Enhanced Raman Scattering (SERS). Comparison to SERS of Phen and Its Transition Metal Complex on Silver Electrode. Journal of Physical Chemistry C, 2007, 111, 13821-13830.	1.5	26
99	Studies on the Interaction of Emeraldine Base Polyaniline with Cu(II), Fe(III), and Zn(II) Ions in Solutions and Films. Macromolecules, 2007, 40, 3204-3212.	2.2	67
100	Pyridine and pyridine carboxylic acids as guests in a bidimensional hydrogen bond structure analyzed by scanning tunneling microscopy. Surface Science, 2007, 601, 1836-1843.	0.8	10
101	Synthesis, characterization, and SAMs electroactivity of ruthenium complexes with sulfur containing ligands. Journal of Organometallic Chemistry, 2007, 692, 3691-3699.	0.8	9
102	A study of pyridinethiolate derivative complexes adsorbed on gold by surface-enhanced Raman scattering. Journal of Electroanalytical Chemistry, 2007, 605, 1-7.	1.9	11
103	The adsorption and faradaic processes of formylferrocene thiosemicarbazone monitored by in situ SERS and UV-VIS spectroscopies. Journal of Solid State Electrochemistry, 2007, 11, 1497-1503.	1.2	3
104	An in situ SERS and FTIRAS study of salicylate interaction with copper electrode. Journal of Solid State Electrochemistry, 2007, 11, 1559-1565.	1.2	10
105	SERRS study of [Ru(CN)5(pyS)]4 ⁻ SAM and cytochrome c: A suggestion toward the heterogeneous molecular recognition. Journal of Solid State Electrochemistry, 2007, 11, 1585-1590.	1.2	3
106	Spectroscopic characterization of polyaniline doped with transition metal salts. Synthetic Metals, 2006, 156, 654-663.	2.1	105
107	A comparison of the Raman dispersion in different polyacetylenes with aromatic ring substituents. Synthetic Metals, 2006, 156, 459-465.	2.1	10
108	Chemical analysis of polycyclic aromatic hydrocarbons by surface-enhanced Raman spectroscopy. Talanta, 2006, 70, 1011-1016.	2.9	67

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109	O efeito SERS na análise de traços: o papel das superfícies nanoestruturadas. <i>Quimica Nova</i> , 2006, 29, 805-810.	0.3	8
110	Tetraammine ruthenate complexes: cationic SAMs for cytochrome c recognition. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1594-1599.	0.6	7
111	Corrigendum to "Investigations of different carbohydrate anomers in copper(II) complexes with d-glucose, d-fructose, and d-galactose by Raman and EPR spectroscopy". <i>Carbohydrate Research</i> , 2006, 341, 803.	1.1	0
112	Benzidine oxidation on cationic clay surfaces in aqueous suspension monitored by in situ resonance Raman spectroscopy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 289, 39-46.	2.3	19
113	Spectroscopic characterization of polyaniline formed in the presence of montmorillonite clay. <i>Polymer</i> , 2006, 47, 6131-6139.	1.8	78
114	Surface enhanced Raman spectroscopy analysis of the adsorption of 2-thiouracil to Au, Ag and Cu electrodes: Surface potential dependence. <i>Vibrational Spectroscopy</i> , 2006, 40, 127-132.	1.2	18
115	Substrate development for surface-enhanced Raman study of photocatalytic degradation processes: Congo red over silver modified titanium dioxide films. <i>Applied Catalysis B: Environmental</i> , 2006, 69, 34-42.	10.8	61
116	Resonance Raman effect of ferrocene and formylferrocene thiosemicarbazone. <i>Journal of Raman Spectroscopy</i> , 2006, 37, 498-507.	1.2	15
117	Vibrational characterization of poly(1-methylpyrrole-co-squaric acid) and poly(1-dodecylpyrrole-co-squaric acid) by enhanced Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2006, 37, 1346-1353.	1.2	10
118	Electronic Structure and Doping Behavior of PANI-NSA Nanofibers Investigated by Resonance Raman Spectroscopy. <i>Macromolecular Rapid Communications</i> , 2006, 27, 255-259.	2.0	57
119	Local structure of the metal-oxygen bond in compositionally homogeneous, nanocrystalline zirconia-ceria solid solutions synthesized by a gel-combustion process. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 7863-7881.	0.7	17
120	Elucidando os estados de oxidação do nitrogênio através da espectroscopia de absorção de raios-X na borda K do nitrogênio. <i>Quimica Nova</i> , 2006, 29, 823-828.	0.3	17
121	Modelos para dispersão Raman em polímeros conjugados. <i>Quimica Nova</i> , 2005, 28, 289-295.	0.3	9
122	Investigations of different carbohydrate anomers in copper(II) complexes with d-glucose, d-fructose, and d-galactose by Raman and EPR spectroscopy. <i>Carbohydrate Research</i> , 2005, 340, 2352-2359.	1.1	31
123	In vitro Raman spectroscopy of healthy mammals crystalline lenses. <i>Laser Physics Letters</i> , 2005, 2, 415-419.	0.6	1
124	Synthesis and characterization of single-wall-carbon-nanotube-doped emeraldine salt and base polyaniline nanocomposites. <i>Journal of Polymer Science Part A</i> , 2005, 43, 815-822.	2.5	57
125	Characterization of conducting polyaniline blends by Resonance Raman Spectroscopy. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 322-327.	0.6	31
126	Spectroscopic Characterization of Polyaniline Formed by Using Copper(II) in Homogeneous and MCM-41 Molecular Sieve Media. <i>Journal of Physical Chemistry B</i> , 2005, 109, 22131-22140.	1.2	45

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127	Spectroscopic Characterization of Doped Poly(benzidine) and Its Nanocomposite with Cationic Clay. <i>Journal of Physical Chemistry B</i> , 2004, 108, 5564-5571.	1.2	45
128	Re-examination of the adsorption and reduction processes of thiosemicarbazide at a silver electrode: SERS, UV-visible and capillary electrophoresis studies. <i>Journal of Raman Spectroscopy</i> , 2004, 35, 1034-1041.	1.2	12
129	A correlation study between the conformation of the 1,4-dithiane SAM on gold and its performance to assess the heterogeneous electron-transfer reactions. <i>Journal of Electroanalytical Chemistry</i> , 2004, 566, 443-449.	1.9	19
130	The adsorption of squaric acid and its derived species on silver and gold surfaces studied by SERS. <i>Journal of Electroanalytical Chemistry</i> , 2004, 571, 247-254.	1.9	22
131	Characterization of single wall carbon nanotubes filled with silver and with chromium compounds. <i>Chemical Physics Letters</i> , 2004, 383, 475-480.	1.2	133
132	Aniline Polymerization into Montmorillonite Clay: A Spectroscopic Investigation of the Intercalated Conducting Polymer. <i>Macromolecules</i> , 2004, 37, 9373-9385.	2.2	161
133	Surface enhanced Raman spectroscopy study of the potential dependence of thymine on silver electrodes. <i>Journal of Solid State Electrochemistry</i> , 2003, 7, 576-581.	1.2	21
134	Conducting properties of iodine-doped low-density polyethylene-poly(4-vinylpyridine) blends. <i>Journal of Applied Polymer Science</i> , 2003, 87, 939-944.	1.3	3
135	Characterization of a 1,4-dithiane gold self-assembled monolayer: an electrochemical sensor for the cyt-c redox process. <i>Journal of Electroanalytical Chemistry</i> , 2003, 543, 93-99.	1.9	16
136	The electrochemical reduction of 2-formylpyridine thiosemicarbazone monitored by SERS and UV-vis spectroscopies. <i>Journal of Electroanalytical Chemistry</i> , 2003, 545, 117-122.	1.9	23
137	The adsorption of 2,2',6',2'-terpyridine, 4-(5-mercaptopentyl)-2,2',6',2'-terpyridinyl, and perchlorate on silver and copper surfaces monitored by SERS. <i>Polyhedron</i> , 2003, 22, 1673-1682.	1.0	34
138	Electroactive Multilayer Films of Polyaniline and Vanadium Pentoxide. <i>Journal of Physical Chemistry B</i> , 2003, 107, 8351-8354.	1.2	60
139	Relation between Structure and Homogeneity of Polyaniline Blends by Infrared and Raman Spectroscopies. <i>Synthetic Metals</i> , 2003, 135-136, 133-134.	2.1	4
140	Layer-by-Layer Hybrid Films of Polyaniline and Vanadium Oxide. <i>Synthetic Metals</i> , 2003, 137, 969-970.	2.1	6
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