

Marcia L A Temperini

List of Publications by Year in descending order

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37
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138484

58
g-index

193
all docs

193
docs citations

193
times ranked

5544
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Thermal Treatment on Doped Polyaniline Studied by Resonance Raman Spectroscopy. <i>Macromolecules</i> , 2000, 33, 3077-3083.	4.8	203
2	Aniline Polymerization into Montmorillonite Clay: A Spectroscopic Investigation of the Intercalated Conducting Polymer. <i>Macromolecules</i> , 2004, 37, 9373-9385.	4.8	161
3	Characterization of single wall carbon nanotubes filled with silver and with chromium compounds. <i>Chemical Physics Letters</i> , 2004, 383, 475-480.	2.6	133
4	Studies on the resonance Raman spectra of polyaniline obtained with near-IR excitation. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 772-778.	2.5	128
5	Secondary doping of polyaniline studied by resonance Raman spectroscopy. <i>Electrochimica Acta</i> , 1999, 44, 1887-1891.	5.2	112
6	Spectroscopic characterization of polyaniline doped with transition metal salts. <i>Synthetic Metals</i> , 2006, 156, 654-663.	3.9	105
7	Spectroscopic Characterization of a New Type of Conducting Polymer-Clay Nanocomposite. <i>Macromolecules</i> , 2002, 35, 7535-7537.	4.8	103
8	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.	3.3	85
9	Raman characterization of polyaniline induced conformational changes. <i>Synthetic Metals</i> , 1999, 101, 834-835.	3.9	79
10	Synthesis and spectroscopic characterization of polymer and oligomers of ortho-phenylenediamine. <i>European Polymer Journal</i> , 2010, 46, 484-493.	5.4	79
11	Spectroscopic characterization of polyaniline formed in the presence of montmorillonite clay. <i>Polymer</i> , 2006, 47, 6131-6139.	3.8	78
12	Intensity Fluctuations in Single-Molecule Surface-Enhanced Raman Scattering. <i>Accounts of Chemical Research</i> , 2019, 52, 456-464.	15.6	76
13	Polyaniline Based Acrylic Blends for Iron Corrosion Protection. <i>Electrochemical and Solid-State Letters</i> , 2001, 4, B27.	2.2	74
14	Structure of chemically prepared poly-(para-phenylenediamine) investigated by spectroscopic techniques. <i>Polymer</i> , 2009, 50, 6043-6048.	3.8	72
15	High performance gold nanorods and silver nanocubes in surface-enhanced Raman spectroscopy of pesticides. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 7491.	2.8	68
16	Chemical analysis of polycyclic aromatic hydrocarbons by surface-enhanced Raman spectroscopy. <i>Talanta</i> , 2006, 70, 1011-1016.	5.5	67
17	Studies on the Interaction of Emeraldine Base Polyaniline with Cu(II), Fe(III), and Zn(II) Ions in Solutions and Films. <i>Macromolecules</i> , 2007, 40, 3204-3212.	4.8	67
18	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.	6.7	66

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19	One-dimensional diamondoid polyaniline-like nanothreads from compressed crystal aniline. <i>Chemical Science</i> , 2018, 9, 254-260.	7.4	66
20	A spectroelectrochemical study of the inhibition of the electrode process on copper by 2-mercaptobenzothiazole in ethanolic solutions. <i>Electrochimica Acta</i> , 1998, 43, 771-780.	5.2	65
21	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.	3.1	62
22	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.	20.2	61
23	Electroactive Multilayer Films of Polyaniline and Vanadium Pentoxide. <i>Journal of Physical Chemistry B</i> , 2003, 107, 8351-8354.	2.6	60
24	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.	2.3	57
25	Electronic Structure and Doping Behavior of PANI-NSA Nanofibers Investigated by Resonance Raman Spectroscopy. <i>Macromolecular Rapid Communications</i> , 2006, 27, 255-259.	3.9	57
26	Spectroscopic characterization of the structural changes of polyaniline nanofibers after heating. <i>Polymer Degradation and Stability</i> , 2008, 93, 291-297.	5.8	57
27	Size-dependent SERS enhancement of colloidal silver nanoplates: the case of 2-aminopyridine. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 183-190.	2.5	57
28	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
29	Comparison of Secondary Doping and Thermal Treatment in Poly(diphenylamine) and Polyaniline Monitored by Resonance Raman Spectroscopy. <i>Macromolecules</i> , 2002, 35, 121-125.	4.8	50
30	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.	3.9	47
31	FT-Raman investigation of biodegradable polymers: Poly(3-hydroxybutyrate) and poly(3-hydroxybutyrate-co-3-hydroxyvalerate). <i>Vibrational Spectroscopy</i> , 2010, 54, 127-132.	2.2	47
32	Spectroscopic Characterization of Doped Poly(benzidine) and Its Nanocomposite with Cationic Clay. <i>Journal of Physical Chemistry B</i> , 2004, 108, 5564-5571.	2.6	45
33	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.	2.6	45
34	Critical assessment of enhancement factor measurements in surface-enhanced Raman scattering on different substrates. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21294-21301.	2.8	40
35	Structure of polyaniline formed in different inorganic porous materials: A spectroscopic study. <i>European Polymer Journal</i> , 2008, 44, 3501-3511.	5.4	39
36	Spectroscopic Characterization of Oligoaniline Microspheres Obtained by an Aniline ⁺ Persulfate Approach. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1368-1375.	2.6	39

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37	The [Ru(CN) ₅ (pyS)] ₄ -Complex, an Efficient Self-Assembled Monolayer for the Cytochrome c Heterogeneous Electron Transfer Studies. <i>Inorganic Chemistry</i> , 2001, 40, 4884-4889.	4.0	38
38	Structural and Vibrational Characterization of Polyaniline Nanofibers Prepared from Interfacial Polymerization. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11551-11557.	2.6	38
39	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.	2.6	38
40	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.	13.7	36
41	The adsorption of 2,2',6',6'-terpyridine, 4-(5-mercaptopentyl)-2,2',6',6'-terpyridinyl, and perchlorate on silver and copper surfaces monitored by SERS. <i>Polyhedron</i> , 2003, 22, 1673-1682.	2.2	34
42	Raman dispersion in polyaniline base forms. <i>Synthetic Metals</i> , 2007, 157, 247-251.	3.9	34
43	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.	2.6	34
44	Raman active normal vibrations of lanthanide oxychlorides. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1981, 37, 597-599.	0.1	33
45	Redox behavior of crosslinked polyaniline films. <i>Journal of the Brazilian Chemical Society</i> , 2000, 11, 91-94.	0.6	32
46	2-Formylpyridinethiosemicarbazone and methyl derivatives: spectroscopic studies. <i>Polyhedron</i> , 2001, 20, 3133-3141.	2.2	32
47	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.	2.3	31
48	Characterization of conducting polyaniline blends by Resonance Raman Spectroscopy. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 322-327.	0.6	31
49	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.	20.2	30
50	Surface-Enhanced Resonance Raman Scattering of Polyaniline on Silver and Gold Colloids. <i>Journal of Physical Chemistry B</i> , 2008, 112, 16334-16340.	2.6	30
51	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.	4.0	30
52	Hybrid Materials Based on Smectite Clays and Nutraceutical Anthocyanins from the Açaí-Fruit. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5411-5420.	2.0	29
53	Raman spectra of pyridine adsorbed on a copper electrode. <i>Chemical Physics Letters</i> , 1981, 79, 75-78.	2.6	28
54	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.	3.3	28

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55	Copper dissolution in bromide medium in the absence and presence of hexamethylenetetramine (HMTA). <i>Electrochimica Acta</i> , 1998, 44, 559-571.	5.2	27
56	An Atomistically Enriched Continuum Model for Nanoscale Contact Mechanics and Its Application to Contact Scaling. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 3757-3773.	0.9	27
57	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.	2.5	27
58	Characterization of Polydiphenylamine Electrochemically Synthesized by Spectroscopic and Thermal Techniques. <i>Polymer Journal</i> , 1998, 30, 315-321.	2.7	26
59	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. <i>Journal of Physical Chemistry C</i> , 2007, 111, 13821-13830.	3.1	26
60	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.	3.8	26
61	In situ resonance Raman and reflectance spectroscopic study of the electrochemical oxidation of diphenylamine. <i>Journal of Electroanalytical Chemistry</i> , 1993, 356, 145-155.	3.8	25
62	One-Step Synthesis, Characterization, and Properties of Emeraldine Salt Nanofibers Containing Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 4267-4274.	3.1	25
63	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.	3.1	25
64	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.	2.5	24
65	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.	2.6	24
66	Spectroscopic Characterization of the Inclusion Compound Formed by Polyaniline and β -Cyclodextrin. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 374, 53-58.	0.9	23
67	The electrochemical reduction of 2-formylpyridine thiosemicarbazone monitored by SERS and UV-vis spectroscopies. <i>Journal of Electroanalytical Chemistry</i> , 2003, 545, 117-122.	3.8	23
68	SERS performance of gold nanotubes obtained by sputtering onto polycarbonate track-etched membranes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 1169-1176.	2.8	23
69	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.	3.8	22
70	Coadsorption of 2-mercaptopyrimidine and 1,10-phenanthroline on Au(111) as seen by STM. <i>Surface Science</i> , 1999, 441, 53-64.	1.9	21
71	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.	2.5	21
72	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

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73	Coadsorption of 2-mercaptopyrimidine and 2,2'-bipyridine on Au(111) studied by scanning tunneling microscopy. <i>Surface Science</i> , 1999, 441, 45-52.	1.9	20
74	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.	3.9	20
75	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.	3.1	20
76	The effects of solvent and electrolyte in the surface enhanced Raman spectrum of iron(II)bis(1,10) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Molecular and Biomolecular Spectroscopy, 1999, 55, 2411-2421.	3.9	19
77	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.	3.8	19
78	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.	4.7	19
79	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.	2.5	19
80	Contribution of the Charge Transfer Mechanism to the Surface-Enhanced Raman Scattering of the		

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91	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
92	Resonance raman effect of solid copper thiophosphate. <i>Chemical Physics Letters</i> , 1975, 36, 652-654.	2.6	16
93	Spectroscopic study of the isomerization of Z- to E-pyridine-2-formyl thiosemicarbazone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1995, 51, 1517-1524.	3.9	16
94	STM study of 2,2',6',6'-terpyridine self-assembly on Au(111). <i>Surface Science</i> , 2000, 464, 176-182.	1.9	16
95	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.	3.8	16
96	Acanthoscurrin fragment 101-132: Total synthesis at 60°C of a novel difficult sequence. <i>Biopolymers</i> , 2009, 92, 65-75.	2.4	16
97	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.	3.9	16
98	Fluctuations of the Stokes and anti-Stokes surface-enhanced resonance Raman scattering intensities in an electrochemical environment. <i>Chemical Communications</i> , 2011, 47, 7158.	4.1	16
99	Resonant Raman scattering characterization of carbon nanotubes grown with different catalysts. <i>Chemical Physics Letters</i> , 2001, 350, 373-380.	2.6	15
100	Characterization of the [Ru(CN)5(pyS)]4- ion complex adsorbed on gold, silver and copper substrates by surface-enhanced Raman spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 2002, 520, 40-46.	3.8	15
101	Resonance Raman effect of ferrocene and formylferrocene thiosemicarbazone. <i>Journal of Raman Spectroscopy</i> , 2006, 37, 498-507.	2.5	15
102	Metastable Phase Diagram of Nanocrystalline ZrO ₂ ·xSc ₂ O ₃ Solid Solutions. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18661-18666.	3.1	15
103	Probing the Chemical Stability of Aniline under High Pressure. <i>Journal of Physical Chemistry C</i> , 2017, 121, 7495-7501.	3.1	15
104	Effect of Structural Anisotropy in High-Pressure Reaction of Aniline. <i>Journal of Physical Chemistry C</i> , 2018, 122, 29158-29164.	3.1	15
105	Interaction of 2-mercaptopyrimidine and 4,4'-bipyridine and competition experiments between bipyridines and 1,10-phenanthroline for the thiol layer on Au(111) by STM. <i>Applied Surface Science</i> , 2001, 171, 89-100.	6.1	14
106	Electrochemical Control of Light Transmission through Nanohole Electrode Arrays. <i>ACS Photonics</i> , 2016, 3, 2375-2382.	6.6	14
107	Effect of hexamethylenetetramine as a corrosion inhibitor for copper in bromide medium. <i>Journal of Electroanalytical Chemistry</i> , 1992, 335, 83-92.	3.8	13
108	Aplicação de espectroscopias raman e infravermelho na identificação e quantificação de plastificantes em filmes comerciais de PVC esticável. <i>Quimica Nova</i> , 2009, 32, 1452-1456.	0.3	13

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109	Spectroscopic investigation of the interactions between emeraldine base polyaniline and Eu(III) ions. <i>Synthetic Metals</i> , 2009, 159, 377-384.	3.9	13
110	A hybrid material assembled by anthocyanins from açai-fruit intercalated between niobium lamellar oxide. <i>Dalton Transactions</i> , 2009, , 4136.	3.3	13
111	Structural characterization of poly-para-phenylenediamine- <i>montmorillonite</i> clay nanocomposites. <i>Synthetic Metals</i> , 2010, 160, 2397-2403.	3.9	13
112	The role of solvent on the doping of polyaniline with Fe(III) ions. <i>Synthetic Metals</i> , 2010, 160, 2552-2558.	3.9	13
113	Resonance raman effect of Cu ₃ PS ₄ at low temperature. <i>Chemical Physics Letters</i> , 1978, 59, 10-13.	2.6	12
114	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.	2.5	12
115	Molecular Wires Bridging Gaps between Gold Surfaces and Their Influence on SERS Intensities. <i>Journal of Physical Chemistry C</i> , 2017, 121, 20937-20946.	3.1	12
116	The dependence of sers on the vibrational mode, exciting radiation and applied potential. <i>Chemical Physics Letters</i> , 1983, 99, 148-152.	2.6	11
117	SERS effect of pyridine-n-aldehyde thiosemicarbazone on a silver electrode. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 295, 169-181.	0.1	11
118	Spectroelectrochemical study of iodide, iodate and periodate on a silver electrode in alkaline aqueous solution. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 316, 93-105.	0.1	11
119	Electrochemical and spectroscopic investigation of prussian blue modified electrodes containing isonicotinamide. <i>Electrochimica Acta</i> , 1994, 39, 385-391.	5.2	11
120	A comparative study of m-cresol treated polyaniline and Langmuir Blodgett films. <i>Synthetic Metals</i> , 1999, 101, 691.	3.9	11
121	A study of pyridinethiolate derivative complexes adsorbed on gold by surface-enhanced Raman scattering. <i>Journal of Electroanalytical Chemistry</i> , 2007, 605, 1-7.	3.8	11
122	Surface enhanced Raman spectroscopy and cultural heritage biodeterioration: Fungi identification in earthen architecture from Paraíba Valley (São Paulo, Brazil). <i>Vibrational Spectroscopy</i> , 2018, 97, 129-134.	2.2	11
123	Correlation between SERS of pyridine and electrochemical response of silver electrodes in halide-free alkaline solutions. <i>Langmuir</i> , 1988, 4, 1032-1039.	3.5	10
124	Raman active E ₂ modes in aluminum nitride films. <i>Journal of Materials Science: Materials in Electronics</i> , 2001, 12, 259-262.	2.2	10
125	A comparison of the Raman dispersion in different polyacetylenes with aromatic ring substituents. <i>Synthetic Metals</i> , 2006, 156, 459-465.	3.9	10
126	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.	2.5	10

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127	Pyridine and pyridine carboxylic acids as guests in a bidimensional hydrogen bond structure analyzed by scanning tunneling microscopy. <i>Surface Science</i> , 2007, 601, 1836-1843.	1.9	10
128	An in situ SERS and FTIRAS study of salicylate interaction with copper electrode. <i>Journal of Solid State Electrochemistry</i> , 2007, 11, 1559-1565.	2.5	10
129	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.	3.5	10
130	Investigation of the electrochemical behavior of l-cysteine in acidic media. <i>Journal of Electroanalytical Chemistry</i> , 2016, 765, 87-91.	3.8	10
131	Functionalized nanoparticles as adjuvant to increase the cytotoxicity of metallodrugs toward tumor cells. <i>New Journal of Chemistry</i> , 2019, 43, 386-398.	2.8	10
132	Modelos para dispersão Raman em polímeros conjugados. <i>Química Nova</i> , 2005, 28, 289-295.	0.3	9
133	Synthesis, characterization, and SAMs electroactivity of ruthenium complexes with sulfur containing ligands. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3691-3699.	1.8	9
134	Comparison of SERS Performances of Co and Ni Ultrathin Films over Silver to Electrochemically Activated Co and Ni Electrodes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15348-15355.	3.1	9
135	Thionicotinamide SAM on Gold: Adsorption Studies and Electroactivity. <i>Electroanalysis</i> , 2009, 21, 1081-1089.	2.9	9
136	Biopolymer-Clay Nanocomposites: Cassava Starch and Synthetic Clay Cast Films. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	9
137	Vinte anos de efeito SERS. <i>Química Nova</i> , 1999, 22, 541-552.	0.3	9
138	Sers effect of hexamethylenetetramine adsorbed on a silver electrode. <i>Journal of Molecular Structure</i> , 1988, 178, 113-120.	3.6	8
139	O efeito SERS na análise de traços: o papel das superfícies nanoestruturadas. <i>Química Nova</i> , 2006, 29, 805-810.	0.3	8
140	Tetragonal-cubic phase boundary in nanocrystalline ZrO ₂ -Y ₂ O ₃ solid solutions synthesized by gel-combustion. <i>Journal of Alloys and Compounds</i> , 2011, 509, 5177-5182.	5.5	8
141	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.	5.2	8
142	Potential-dependent measurements of the low-frequency mode, the inelastic continuum, elastic scattering and sers from a Ag electrode. <i>Chemical Physics Letters</i> , 1986, 129, 253-257.	2.6	7
143	Tetraammine ruthenate complexes: cationic SAMs for cytochrome c recognition. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1594-1599.	0.6	7
144	Spectroscopic study of the polymerization of intercalated anilinium ions in different montmorillonite clays. <i>Journal of Molecular Structure</i> , 2011, 1002, 63-69.	3.6	7

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145	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.	2.8	7
146	Polyaniline/Layered Zirconium Phosphate Nanocomposites: Secondary-Like Doped Polyaniline Obtained by the Layer-by-Layer Technique. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 1782-1789.	0.9	7
147	Layer-by-Layer Hybrid Films of Polyaniline and Vanadium Oxide. <i>Synthetic Metals</i> , 2003, 137, 969-970.	3.9	6
148	Adsorption of 4-aminopyridine on Co and Ag electrodes probed by SERS. <i>Vibrational Spectroscopy</i> , 2010, 54, 148-154.	2.2	6
149	Triggering the Chemical Instability of an Ionic Liquid under High Pressure. <i>Journal of Physical Chemistry B</i> , 2016, 120, 9097-9102.	2.6	6
150	The dependence of Raman intensity on the scattering frequency. <i>Journal of Raman Spectroscopy</i> , 1978, 7, 294-296.	2.5	5
151	Surface-enhanced Raman scattering of 4-picolyamine and its $[\text{Fe}(\text{CN})_5]^{4-}$ complexes. <i>Journal of Raman Spectroscopy</i> , 1991, 22, 301-305.	2.5	5
152	Identificação por microscopia Raman de pigmentos da pintura a óleo "Retrato de Murilo Mendes" de Cândido Portinari. <i>Quimica Nova</i> , 1998, 21, 172-175.	0.3	5
153	Vibrational spectra of 2-ethynylpyridine and its silver salt. <i>Vibrational Spectroscopy</i> , 2001, 27, 89-96.	2.2	5
154	Raman dispersion in a substituted polyacetylene. <i>Synthetic Metals</i> , 2002, 126, 277-281.	3.9	5
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