

Jose V Garcia-Ramos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9182382/publications.pdf>

Version: 2024-02-01

163
papers

7,124
citations

50244

46
h-index

69214

77
g-index

165
all docs

165
docs citations

165
times ranked

7239
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-enhanced Raman scattering on colloidal nanostructures. <i>Advances in Colloid and Interface Science</i> , 2005, 116, 45-61.	7.0	265
2	Comparative Study of the Morphology, Aggregation, Adherence to Glass, and Surface-Enhanced Raman Scattering Activity of Silver Nanoparticles Prepared by Chemical Reduction of Ag+ Using Citrate and Hydroxylamine. <i>Langmuir</i> , 2005, 21, 8546-8553.	1.6	253
3	Mixed Silver/Gold Colloids: A Study of Their Formation, Morphology, and Surface-Enhanced Raman Activity. <i>Langmuir</i> , 2000, 16, 9722-9728.	1.6	247
4	Growth of Silver Colloidal Particles Obtained by Citrate Reduction To Increase the Raman Enhancement Factor. <i>Langmuir</i> , 2001, 17, 574-577.	1.6	204
5	Low-Temperature Nucleation of Rutile Observed by Raman Spectroscopy during Crystallization of TiO ₂ . <i>Journal of the American Ceramic Society</i> , 1992, 75, 2010-2012.	1.9	190
6	Sensing Polycyclic Aromatic Hydrocarbons with Dithiocarbamate-Functionalized Ag Nanoparticles by Surface-Enhanced Raman Scattering. <i>Analytical Chemistry</i> , 2009, 81, 953-960.	3.2	176
7	Surface-Enhanced Vibrational Study (SEIR and SERS) of Dithiocarbamate Pesticides on Gold Films. <i>Langmuir</i> , 2001, 17, 1157-1162.	1.6	157
8	Surface-enhanced Raman scattering study of the adsorption of the anthraquinone pigment alizarin on Ag nanoparticles. <i>Journal of Raman Spectroscopy</i> , 2004, 35, 921-927.	1.2	154
9	Factors affecting the infrared and Raman spectra of rutile powders. <i>Journal of Solid State Chemistry</i> , 1988, 75, 364-372.	1.4	137
10	Micro-Raman spectroscopy applied to depth profiles of carbonates formed in lime mortar. <i>Cement and Concrete Research</i> , 2003, 33, 2063-2068.	4.6	137
11	Nanosensors Based on Viologen Functionalized Silver Nanoparticles: Few Molecules Surface-Enhanced Raman Spectroscopy Detection of Polycyclic Aromatic Hydrocarbons in Interparticle Hot Spots. <i>Analytical Chemistry</i> , 2009, 81, 1418-1425.	3.2	136
12	Silver Nanostars with High SERS Performance. <i>Journal of Physical Chemistry C</i> , 2013, 117, 7791-7795.	1.5	125
13	Selective Molecular Recognition of Polycyclic Aromatic Hydrocarbons (PAHs) on Calix[4]arene-Functionalized Ag Nanoparticles by Surface-Enhanced Raman Scattering. <i>Journal of Physical Chemistry B</i> , 2004, 108, 17484-17490.	1.2	124
14	Morphological Study of Silver Colloids Employed in Surface-Enhanced Raman Spectroscopy: Activation when Exciting in Visible and Near-Infrared Regions. <i>Journal of Colloid and Interface Science</i> , 1995, 175, 358-368.	5.0	121
15	Adsorption and Chemical Modification of Phenols on a Silver Surface. <i>Journal of Colloid and Interface Science</i> , 2000, 231, 98-106.	5.0	115
16	Functionalization of Ag Nanoparticles with Dithiocarbamate Calix[4]arene As an Effective Supramolecular Host for the Surface-Enhanced Raman Scattering Detection of Polycyclic Aromatic Hydrocarbons. <i>Langmuir</i> , 2006, 22, 10924-10926.	1.6	115
17	Effect of pH on the chemical modification of quercetin and structurally related flavonoids characterized by optical (UV-visible and Raman) spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 12802-12811.	1.3	115
18	Comparative SERS effectiveness of silver nanoparticles prepared by different methods: A study of the enhancement factor and the interfacial properties. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 103-109.	5.0	111

#	ARTICLE	IF	CITATIONS
19	Strong influence of buffer layer type on carbon nanotube characteristics. <i>Carbon</i> , 2004, 42, 187-190.	5.4	105
20	Surface-enhanced Raman scattering study of the anthraquinone red pigment carminic acid. <i>Vibrational Spectroscopy</i> , 2006, 40, 161-167.	1.2	98
21	Raman and surface-enhanced Raman spectroscopy of dithiocarbamate fungicides. <i>Vibrational Spectroscopy</i> , 1998, 17, 133-144.	1.2	88
22	Extractionless non-hydrolysis surface-enhanced Raman spectroscopic detection of historical mordant dyes on textile fibers. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 1455-1461.	1.2	85
23	Catechol polymerization in the presence of silver surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 176, 177-184.	2.3	84
24	Anomalous Raman bands appearing in surface-enhanced Raman spectra. <i>Journal of Raman Spectroscopy</i> , 1998, 29, 365-371.	1.2	80
25	In situ detection of flavonoids in weld-dyed wool and silk textiles by surface-enhanced Raman scattering. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1309-1312.	1.2	80
26	Morphological Study of Metal Colloids Employed as Substrate in the SERS Spectroscopy. <i>Journal of Colloid and Interface Science</i> , 1994, 167, 428-436.	5.0	79
27	Spectroscopic study of humic acids fractionated by means of tangential ultrafiltration. <i>Journal of Molecular Structure</i> , 2002, 609, 137-147.	1.8	76
28	Structural and conformational study of diazabicyclanones and diazabicyclanol. <i>Journal of Molecular Structure</i> , 1985, 127, 185-201.	1.8	75
29	Infrared and Raman study of alunite-jarosite compounds. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1986, 42, 729-734.	0.1	75
30	SERS of cytosine and its methylated derivatives on metal colloids. <i>Journal of Raman Spectroscopy</i> , 1992, 23, 61-66.	1.2	70
31	pH-Dependent Adsorption of Fractionated Peat Humic Substances on Different Silver Colloids Studied by Surface-Enhanced Raman Spectroscopy. <i>Journal of Colloid and Interface Science</i> , 1998, 198, 308-318.	5.0	69
32	Adsorption of Beta-Adrenergic Agonists Used in Sport Doping on Metal Nanoparticles: A Detection Study Based on Surface-Enhanced Raman Scattering. <i>Langmuir</i> , 2010, 26, 14663-14670.	1.6	69
33	Raman and surface-enhanced Raman scattering (SERS) investigation of the quercetin interaction with metals: Evidence of structural changing processes in aqueous solution and on metal nanoparticles. <i>Journal of Molecular Structure</i> , 2009, 918, 129-137.	1.8	66
34	Calculations of the direct electromagnetic enhancement in surface enhanced Raman scattering on random self-affine fractal metal surfaces. <i>Journal of Chemical Physics</i> , 1998, 108, 317-325.	1.2	65
35	Multicomponent Direct Detection of Polycyclic Aromatic Hydrocarbons by Surface-Enhanced Raman Spectroscopy Using Silver Nanoparticles Functionalized with the Viologen Host Lucigenin. <i>Analytical Chemistry</i> , 2011, 83, 2518-2525.	3.2	64
36	Identification of the antitumoral drug emodin binding sites in bovine serum albumin by spectroscopic methods. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 1359-1369.	1.1	63

#	ARTICLE	IF	CITATIONS
37	Functionalization of Ag nanoparticles with the bis-acridinium lucigenin as a chemical assembler in the detection of persistent organic pollutants by surface-enhanced Raman scattering. <i>Analytica Chimica Acta</i> , 2008, 624, 286-293.	2.6	62
38	Influence of coverage in the surface-enhanced Raman scattering of cytosine and its methyl derivatives on metal colloids: chloride and pH effects. <i>Surface Science</i> , 2001, 473, 133-142.	0.8	61
39	Ag Nanoparticles Prepared by Laser Photoreduction as Substrates for in Situ Surface-Enhanced Raman Scattering Analysis of Dyes. <i>Langmuir</i> , 2007, 23, 5210-5215.	1.6	58
40	Polarization effects in the infrared spectra of α -quartz and β -cristobalite. <i>Physics and Chemistry of Minerals</i> , 1987, 14, 527-532.	0.3	56
41	Degradation of Curcumin Dye in Aqueous Solution and on Ag Nanoparticles Studied by Ultraviolet-Visible Absorption and Surface-Enhanced Raman Spectroscopy. <i>Applied Spectroscopy</i> , 2006, 60, 1386-1391.	1.2	56
42	Importance of Metal-Adsorbate Interactions for the Surface-enhanced Raman Scattering of Molecules Adsorbed on Plasmonic Nanoparticles. <i>Plasmonics</i> , 2007, 2, 147-156.	1.8	54
43	Study of the Interaction of Pollutant Nitro Polycyclic Aromatic Hydrocarbons with Different Metallic Surfaces by Surface-Enhanced Vibrational Spectroscopy (SERS and SEIR). <i>Journal of Physical Chemistry A</i> , 2003, 107, 9611-9619.	1.1	52
44	Surface-enhanced Raman spectroscopy study of the interaction of the antitumoral drug emodin with human serum albumin. <i>Biopolymers</i> , 2004, 74, 125-130.	1.2	51
45	Spectroscopic Analysis of Pigments and Binding Media of Polychromes by the Combination of Optical Laser-Based and Vibrational Techniques. <i>Applied Spectroscopy</i> , 2001, 55, 992-998.	1.2	50
46	Metal colloids employed in the SERS of biomolecules: activation when exciting in the visible and near-infrared regions. <i>Journal of Molecular Structure</i> , 1997, 405, 13-28.	1.8	48
47	Building Highly Selective Hot Spots in Ag Nanoparticles Using Bifunctional Viologens: Application to the SERS Detection of PAHs. <i>Journal of Physical Chemistry C</i> , 2008, 112, 7527-7530.	1.5	48
48	Hollow Au/Ag nanostars displaying broad plasmonic resonance and high surface-enhanced Raman sensitivity. <i>Nanoscale</i> , 2015, 7, 13629-13637.	2.8	48
49	A vibrational study of uniform SnO ₂ powders of various morphologies. <i>Solid State Ionics</i> , 1993, 63-65, 170-177.	1.3	47
50	Vibrational study of the salicylate interaction with metallic ions and surfaces. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2000, 56, 2471-2477.	2.0	45
51	Self-assembly of a dithiocarbamate calix[4]arene on Ag nanoparticles and its application in the fabrication of surface-enhanced Raman scattering based nanosensors. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 1787.	1.3	45
52	Pulsed Laser Deposited Au Nanoparticles as Substrates for Surface-Enhanced Vibrational Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2007, 111, 8149-8152.	1.5	43
53	Humic acids as molecular assemblers in the surface-enhanced Raman scattering detection of polycyclic aromatic hydrocarbons. <i>Vibrational Spectroscopy</i> , 2008, 46, 77-81.	1.2	43
54	The influence of pH and anions on the adsorption mechanism of rifampicin on silver colloids. <i>Journal of Raman Spectroscopy</i> , 2007, 38, 859-864.	1.2	42

#	ARTICLE	IF	CITATIONS
55	Interaction of the Antitumor Drug 9-Aminoacridine with Guanidinobenzoate Studied by Spectroscopic Methods: A Possible Tumor Marker Probe Based on the Fluorescence Exciplex Emission. <i>Biochemistry</i> , 2000, 39, 10557-10565.	1.2	40
56	Surface-Enhanced Raman of 1,5-Dimethylcytosine Adsorbed on a Silver Electrode and Different Metal Colloids: A Effect of Charge Transfer Mechanism. <i>Langmuir</i> , 2000, 16, 764-770.	1.6	40
57	Surface-Enhanced Micro-Raman Detection and Characterization of Calix[4]Arene Polycyclic Aromatic Hydrocarbon Host-Guest Complexes. <i>Applied Spectroscopy</i> , 2005, 59, 1009-1015.	1.2	40
58	Adsorption and Detection of Sport Doping Drugs on Metallic Plasmonic Nanoparticles of Different Morphology. <i>Langmuir</i> , 2012, 28, 8891-8901.	1.6	40
59	Vibrational study of dawsonite type compounds $MA(OH)2CO3$ (M = Na, K, NH_4). <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1985, 41, 697-702.	0.1	38
60	Photoinduced coupling and adsorption of caffeic acid on silver surface studied by surface-enhanced Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1999, 55, 2935-2941.	2.0	37
61	Surface-enhanced Raman and fluorescence joint analysis of soil humic acids. <i>Analytica Chimica Acta</i> , 2008, 616, 69-77.	2.6	36
62	SERS of cytosine and its methylated derivatives on gold sols. <i>Journal of Raman Spectroscopy</i> , 1995, 26, 149-154.	1.2	35
63	Near-field electromagnetic wave scattering from random self-affine fractal metal surfaces: Spectral dependence of local field enhancements and their statistics in connection with surface-enhanced Raman scattering. <i>Physical Review B</i> , 2000, 62, 10515-10525.	1.1	35
64	Local and average electromagnetic enhancement in surface-enhanced Raman scattering from self-affine fractal metal substrates with nanoscale irregularities. <i>Chemical Physics Letters</i> , 2003, 367, 361-366.	1.2	35
65	Surface-Enhanced Fluorescence and Raman Scattering Study of Antitumoral Drug Hypericin: An Effect of Aggregation and Self-Spacing Depending on pH. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12974-12980.	1.5	35
66	Surface Plasmon Effects on the Binding of Antitumoral Drug Emodin to Bovine Serum Albumin. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12419-12429.	1.5	35
67	Surface-enhanced Raman spectroscopy of 1,5-dimethylcytosine on silver and copper sols. <i>Journal of Raman Spectroscopy</i> , 1990, 21, 679-682.	1.2	34
68	Surface Enhanced Vibrational (IR and Raman) Spectroscopy in the Design of Chemosensors Based on Ester Functionalizedp-tert-Butylcalix[4]arene Hosts. <i>Langmuir</i> , 2005, 21, 11814-11820.	1.6	33
69	Vibrational analysis of herbicide diquat: A normal Raman and SERS study on Ag nanoparticles. <i>Vibrational Spectroscopy</i> , 2008, 48, 58-64.	1.2	32
70	The adsorption of acidic amino acids and homopolypeptides on hydroxyapatite. <i>Journal of Colloid and Interface Science</i> , 1981, 83, 479-484.	5.0	31
71	Applications of Raman spectroscopy to the ophthalmological field : Raman spectra of soft contact lenses made of poly-2-hydroxyethylmethacrylate (PHEMA).. <i>Journal of Molecular Structure</i> , 1986, 143, 469-472.	1.8	31
72	The effect of some homopolymers on the crystallization of calcium phosphates. <i>Journal of Crystal Growth</i> , 1982, 57, 336-342.	0.7	30

#	ARTICLE	IF	CITATIONS
73	FT Surface-Enhanced Raman Evidence of the Oxidative Condensation Reactions of Caffeic Acid in Solution and on Silver Surface. <i>Applied Spectroscopy</i> , 2000, 54, 230-238.	1.2	30
74	Theoretical and experimental study of the vibrational spectra of 1,5-dimethylcytosine. <i>Vibrational Spectroscopy</i> , 2008, 46, 89-99.	1.2	29
75	Structural and conformational study of 3-phenethyl-3-azabicyclo[3.2.1] octan-8-ol. <i>Journal of Molecular Structure</i> , 1987, 161, 151-164.	1.8	28
76	SERS of AMP on different silver colloids. <i>Journal of Molecular Structure</i> , 1992, 274, 33-45.	1.8	28
77	Adsorption of acridine drugs on silver: surface-enhanced resonance Raman evidence of the existence of different adsorption sites. <i>Vibrational Spectroscopy</i> , 2001, 25, 19-28.	1.2	27
78	Chemical and Ultrastructural Features of the Lichen-volcanic/Sedimentary Rock Interface in a Semiarid Region (Almería, Spain). <i>Lichenologist</i> , 2002, 34, 155-167.	0.5	26
79	Effect of wavelength on the laser cleaning of polychromes on wood. <i>Journal of Cultural Heritage</i> , 2003, 4, 243-249.	1.5	26
80	Adsorption and acidic behavior of anthraquinone drugs quinizarin and danthron on Ag nanoparticles studied by Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2004, 34, 273-281.	1.2	26
81	Possibilities of monitoring the polymerization process of silicon-based water repellents and consolidants in stones through infrared and Raman spectroscopy. <i>Progress in Organic Coatings</i> , 2008, 63, 5-12.	1.9	26
82	Self-assembly of α -aliphatic diamines on Ag nanoparticles as an effective localized surface plasmon nanosensor based in interparticle hot spots. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 7363.	1.3	26
83	Fluorescence and surface-enhanced Raman study of 9-aminoacridine in relation to its aggregation and excimer emission in aqueous solution and on silver surface. , 1998, 4, 327-339.		25
84	Raman and surface-enhanced Raman study of insecticide cyromazine. <i>Vibrational Spectroscopy</i> , 2001, 25, 91-99.	1.2	25
85	Electromagnetic mechanism in surface-enhanced Raman scattering from Gaussian-correlated randomly rough metal substrates. <i>Optics Express</i> , 2002, 10, 879.	1.7	24
86	Raman structural study of thymine and its 2-deoxy-ribosyl derivatives in solid state, aqueous solution and when adsorbed on silver nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 1943-1948.	1.3	24
87	Adsorption mechanism and acidic behavior of naphthazarin on Ag nanoparticles studied by Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2002, 30, 203-212.	1.2	24
88	Joint application of micro-Raman and surface-enhanced Raman spectroscopy to the interaction study of the antitumoral anthraquinone drugs danthron and quinizarin with albumins. <i>Journal of Raman Spectroscopy</i> , 2004, 35, 384-389.	1.2	24
89	X-ray microdiffraction and micro-Raman study on an injection moulding SWCNT-polymer nanocomposite. <i>Composites Science and Technology</i> , 2007, 67, 798-805.	3.8	24
90	Fabrication of Ag nanoparticles by γ -irradiation: Application to surface-enhanced Raman spectroscopy of fungicides. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 339, 60-67.	2.3	24

#	ARTICLE	IF	CITATIONS
91	Trace detection of aminoglutethimide drug by surface-enhanced Raman spectroscopy: a vibrational and adsorption study on gold nanoparticles. <i>Analytical Methods</i> , 2011, 3, 1540.	1.3	24
92	Cucurbit[8]uril-stabilized charge transfer complexes with diquat driven by pH: a SERS study. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4935.	1.3	24
93	Surface enhanced fluorescence of anti-tumoral drug emodin adsorbed on silver nanoparticles and loaded on porous silicon. <i>Nanoscale Research Letters</i> , 2012, 7, 364.	3.1	24
94	Interaction of antitumoral 9-aminoacridine drug with DNA and dextran sulfate studied by fluorescence and surface-enhanced Raman spectroscopy. <i>Biopolymers</i> , 2003, 72, 174-184.	1.2	23
95	New insights on the Au core/Pt shell nanoparticle structure in the sub-monolayer range: SERS as a surface analyzing tool. <i>Chemical Communications</i> , 2011, 47, 3174.	2.2	23
96	Vibrational characterization and surface-enhanced Raman scattering detection of probenecid doping drug. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 1422-1427.	1.2	22
97	Adsorption Study and Detection of the High Performance Organic Pigments Quinacridone and 2,9-Dimethylquinacridone on Ag Nanoparticles By Surface-Enhanced Optical Spectroscopy. <i>Langmuir</i> , 2014, 30, 753-761.	1.6	22
98	Tuning charge-transfer processes in the surface-enhanced Raman scattering of L-phenylglycine adsorbed on silver nanostructures. <i>Chemical Physics Letters</i> , 2007, 446, 380-384.	1.2	21
99	Aliphatic Diamines as Molecular Linkers for Engineering Ag Nanoparticle Clusters: Tuning of the Interparticle Distance and Sensing Application. <i>Plasmonics</i> , 2010, 5, 273-286.	1.8	21
100	Surface-enhanced Raman spectroscopic study of 9-ethylguanine and related compounds on silver and copper colloids. <i>Vibrational Spectroscopy</i> , 1993, 4, 185-192.	1.2	20
101	Interaction of the Photosensitizer Hypericin with Low-Density Lipoproteins and Phosphatidylcholine: A Surface-Enhanced Raman Scattering and Surface-Enhanced Fluorescence Study. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7147-7154.	1.5	20
102	Trace Detection of Triphenylene by Surface Enhanced Raman Spectroscopy Using Functionalized Silver Nanoparticles with Bis-Acrinium Lucigenine. <i>Langmuir</i> , 2010, 26, 6977-6981.	1.6	20
103	Adsorption and catalysis of flavonoid quercetin on different plasmonic metal nanoparticles monitored by SERS. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1913-1919.	1.2	20
104	Concentration-Controlled Formation of Myoglobin/Gold Nanosphere Aggregates. <i>Journal of Physical Chemistry B</i> , 2014, 118, 5082-5092.	1.2	20
105	Strong surface field enhancements in the scattering of p-polarized light from fractal metal surfaces. <i>Optics Communications</i> , 1997, 134, 11-15.	1.0	19
106	Aggregation of antitumoral drug emodin on Ag nanoparticles: SEF, SERS and fluorescence lifetime experiments. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 8342.	1.3	18
107	Composition of apatites in human urinary calculi. <i>Calcified Tissue International</i> , 1979, 28, 215-225.	1.5	17
108	Interaction of Antimalarial Drug Quinacrine with Nucleic Acids of Variable Sequence Studied by Spectroscopic Methods. <i>Journal of Biomolecular Structure and Dynamics</i> , 2000, 18, 371-383.	2.0	17

#	ARTICLE	IF	CITATIONS
109	Adsorption of lucigenin on Ag nanoparticles studied by surface-enhanced Raman spectroscopy: effect of different anions on the intensification of Raman spectra. <i>Journal of Raman Spectroscopy</i> , 2003, 34, 227-233.	1.2	17
110	Anchoring Sites of Fibrillogenic Peptide Hormone Somatostatin-14 on Plasmonic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 8273-8279.	1.5	17
111	Structural and spectroscopic study of condensed piperidine bicyclanols. 3-Phenethyl-3-azabicyclo[3.2.1]octan-8-yl-ol. <i>Journal of Molecular Structure</i> , 1989, 196, 307-316.	1.8	16
112	On the Fine Structure of Shish-Kebabs in Injection Moulded Polyethylene. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 1993, 21, 111-121.	1.8	16
113	Reflection-absorption IR and surface-enhanced IR spectroscopy of tetracarboethoxy t-butyl-calix[4]arene, as a host molecule with potential applications in sensor devices. <i>Vibrational Spectroscopy</i> , 2007, 43, 358-365.	1.2	16
114	Ultrathin silver-coated gold nanoparticles as suitable substrate for surface-enhanced Raman scattering. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 508-515.	1.2	16
115	Raman spectra of intraocular lenses before and after implantation in relation to their biocompatibility. <i>Journal of Raman Spectroscopy</i> , 1987, 18, 151-152.	1.2	15
116	A laser Raman spectroscopy study of molybdenum oxide supported on alumina and titania. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1994, 50, 2215-2221.	0.1	15
117	The Force Field of Bromoform: A Theoretical and Experimental Investigation. <i>The Journal of Physical Chemistry</i> , 1996, 100, 16058-16065.	2.9	15
118	Influence of nanoscale cutoff in random self-affine fractal silver surfaces on the excitation of localized optical modes. <i>Optics Letters</i> , 2001, 26, 1286.	1.7	15
119	Vanadyl naphthalocyanine and vanadyl porphine phenyl substituted macrocycles: SERS and thin film organisation studies. <i>Vibrational Spectroscopy</i> , 2001, 26, 201-214.	1.2	15
120	Nonlinear optical susceptibility of multicomponent tellurite thin film glasses. <i>Journal of Applied Physics</i> , 2008, 104, 113510.	1.1	15
121	Spectroscopic study of some condensed piperidine bicyclanols. <i>Journal of Molecular Structure</i> , 1988, 174, 223-227.	1.8	14
122	Interactions of cytidine derivatives with metals as revealed by surface-enhanced Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 1991, 22, 819-824.	1.2	14
123	FT-Raman, FTIR and surface-enhanced Raman spectroscopy of the antiviral and antiparkinsonian drug amantadine. <i>Vibrational Spectroscopy</i> , 1999, 20, 179-188.	1.2	14
124	Study of the adsorption and electrochemical reduction of lucigenin on Ag electrodes by surface-enhanced Raman spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 2003, 556, 83-92.	1.9	13
125	Catalytic modification of gallic acid on a silver surface studied by surface-enhanced Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2001, 32, 143-145.	1.2	12
126	Conformational study of AZT in aqueous solution and adsorbed on a silver surface by means of Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2002, 33, 6-9.	1.2	12

#	ARTICLE	IF	CITATIONS
127	Effect of Metal-Liquid Interface Composition on the Adsorption of a Cyanine Dye onto Gold Nanoparticles. <i>Langmuir</i> , 2013, 29, 1139-1147.	1.6	12
128	Large size citrate-reduced gold colloids appear as optimal SERS substrates for cationic peptides. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 30-37.	1.2	11
129	Vibrational study of the interaction of dinaphthalenic Ni(II) and Cu(II) azamacrocyclic complexes methyl and phenyl substituted with different metal surfaces. <i>Vibrational Spectroscopy</i> , 2002, 28, 287-297.	1.2	10
130	Solution SERS of an insoluble synthetic organic pigment-quinacridone quinone-employing calixarenes as dispersive cavitands. <i>Chemical Communications</i> , 2011, 47, 1854-1856.	2.2	10
131	Plasmon Enhanced Spectroscopy of <i>N,N</i> -Dialkylquinacridones Used as Codopants in OLEDs. <i>Journal of Physical Chemistry C</i> , 2011, 115, 16838-16843.	1.5	10
132	Title is missing!. <i>Waves in Random and Complex Media</i> , 1997, 7, 285-293.	1.5	10
133	Adsorption of N-methylacetamide and L-arginine onto apatitic phosphates. <i>Canadian Journal of Chemistry</i> , 1981, 59, 222-226.	0.6	9
134	Annealing-induced positron trapping in Cu ₂ O single crystals. <i>Solid State Communications</i> , 1989, 71, 93-95.	0.9	9
135	Interaction of Antiviral and Antitumor Photoactive Drug Hypocrellin A with Human Serum Albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 1999, 17, 111-120.	2.0	9
136	Surface-enhanced vibrational study of azabipyridyl and its Co(II), Ni(II) and Cu(II) complexes. <i>Vibrational Spectroscopy</i> , 2001, 27, 15-27.	1.2	8
137	Surface-enhanced infrared absorption of DMIP on gold-germanium substrates coated by self-assembled monolayers. <i>Journal of Molecular Structure</i> , 2003, 661-662, 419-427.	1.8	8
138	Vibrational study of sub-2,3-boronaphthalocyanine chlorine adsorbed on metal surfaces. <i>Vibrational Spectroscopy</i> , 2003, 32, 155-166.	1.2	8
139	Dispersion and reactivity of molybdena on the surface of alumina. <i>Materials Chemistry and Physics</i> , 1992, 31, 205-211.	2.0	7
140	Light scattering from self-affine fractal silver surfaces with nanoscale cutoff: far-field and near-field calculations. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2002, 19, 902.	0.8	7
141	Collective electromagnetic emission from molecular layers on metal nanostructures mediated by surface plasmons. <i>Physical Review B</i> , 2007, 75, .	1.1	7
142	Surface-enhanced Raman and steady fluorescence study of interaction between antitumoral drug 9-aminoacridine and trypsin-like protease related to metastasis processes, guanidinobenzoate. <i>Biopolymers</i> , 2001, 62, 85-94.	1.2	6
143	Electromagnetic model and calculations of the surface-enhanced Raman-shifted emission from Langmuir-Blodgett films on metal nanostructures. <i>Journal of Chemical Physics</i> , 2007, 127, 044702.	1.2	6
144	SERS+MEF of the anti-tumoral drug emodin adsorbed on silver nanoparticles. <i>Proceedings of SPIE</i> , 2010, , .	0.8	6

#	ARTICLE	IF	CITATIONS
145	Electrochemical SERS study on a copper electrode of the insoluble organic pigment quinacridone quinone using ionic liquids (BMIMCl and TBAN) as dispersing agents. <i>Analyst</i> , The, 2013, 138, 4670.	1.7	6
146	A Laser Raman Spectroscopy Study of Surface Species Existing in MoO ₃ /Al ₂ O ₃ Catalysts. <i>Spectroscopy Letters</i> , 1992, 25, 73-82.	0.5	5
147	Excitation profiles of the surface enhanced raman spectroscopy bands of 1,5-dimethylcytosine on silver colloids. <i>Biospectroscopy</i> , 1996, 2, 243-248.	0.7	4
148	Surface-enhanced resonance Raman spectroscopy of hypocrellin A: an effect of excitation wavelength and pH. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1998, 54, 1519-1526.	2.0	4
149	Laser Ablation Studies of Deposited Silver Colloids Active in SERS. <i>Laser Chemistry</i> , 2002, 20, 23-32.	0.5	4
150	Evolution of ordinary Portland cement hydration with admixtures by spectroscopic techniques. <i>Advances in Cement Research</i> , 2006, 18, 111-117.	0.7	4
151	Polarizable proton-transfer hydrogen bonds between phosphate and organic acids. Implications for the mechanism of biological calcification. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1985, 81, 929.	1.1	3
152	Reactivity of MoO ₃ : effect of molybdenum with Al ₂ O ₃ precursor and the presence of water vapour on the dispersion of the surface phases. <i>Journal of Materials Science</i> , 1992, 27, 5921-5925.	1.7	3
153	Surface-enhanced Raman spectroscopy of adenosine and 5'AMP: evolution in time. , 1991, , .		2
154	The fine structure of metallocene-based linear polyethylenes: Part 1. A model grounded on molecular mobility. <i>Polymer</i> , 1999, 40, 4345-4352.	1.8	2
155	Hydrogen bonding of 1-cyclohexyluracil with acetylglycine N-methylamide. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1984, 40, 155-158.	0.1	1
156	Development of drug delivery systems based on nanostructured porous silicon loaded with the anti-tumoral drug emodin adsorbed on silver nanoparticles. , 2012, , .		1
157	Hydrogen bonding of carboxyl and amide groups to nucleosides. <i>Journal of Molecular Structure</i> , 1982, 80, 225-228.	1.8	0
158	Low pressure chemical vapour deposition amorphous silicon behaviour under annealing. <i>Physica Status Solidi A</i> , 1988, 106, 11-16.	1.7	0
159	A Laser Raman Study of Multiphase Co-Bi-Mo Oxide Catalysts. <i>Spectroscopy Letters</i> , 1998, 31, 1299-1311.	0.5	0
160	<title>Near field scattered from fractal metal surfaces: classical electromagnetic mechanism in SERS</title>. , 1999, , .		0
161	Scattering of Electromagnetic Waves from Nanostructured, Self-Affine Fractal Surfaces: Near-Field Enhancements. <i>Nanostructure Science and Technology</i> , 2007, , 285-304.	0.1	0
162	SERS of Insoluble Synthetic Organic Pigments Employing Calixarenes as Dispersive Cavitands: Application to Quinacridone Quinone. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
163	Vibrational Characterization and Surface-Enhanced Raman Scattering Detection of Beta-Agonists used in Sport Doping. , 2010, , .		0