

Nr. crt.	Autori	Titlu articol	Revista	An	Vol.	Pag. start	Pag. sf.	Nr. autori	N_ef	AIS	AIS/N_ef	Nr. citari	Nr. cit/N_ef	Prim (1-prim, 0-altfel)	Prim_i
1	Gui, O.-M., Cîntă Pinzaru, S.	Hydrophobic painting materials fast detection using temperature dependence SERS on simple or PEGylated Ag nanoparticles	Dyes and Pigments	2017	146	551	557	2	2.000	0.572	0.286	0	0.000	1	0.572
2	Cîntă Pinzaru, S., Müller, C., Tódor, I.S., Glamuzina, B., Chis, V.	NIR-Raman spectrum and DFT calculations of okadaic acid DSP marine biotoxin microprobe	Journal of Raman Spectroscopy	2016	47	636	642	5	5.000	0.584	0.117	0	0.000	1	0.584
3	Pinzaru, S.C., Müller, C., Tomšić, S., Venter, M.M., Brezestean, I., Ljubimir, S., Glamuzina, B.	Live diatoms facing Ag nanoparticles: Surface enhanced Raman scattering of bulk: <i>Cylindrotheca closterium</i> pennate diatoms and of the single cells	RSC Advances	2016	6	42899	42910	7	6.000	0.590	0.098	0	0.000	1	0.590
4	Pinzaru, S.C., Müller, C., Tomšić, S., Venter, Cozar, B. I, Glamuzina, B	New SERS feature of -carotene: consequences for quantitative SERS analysis	Journal of Raman Spectroscopy	2015	46	597	604	6	5.500	0.537	0.100	3	0.540	1	0.537
5	Brezestean, I., Har, N., Tantău, A., Gorea, M., Venter, M.M., Pinzaru, S.C.	Analytical study of gallstones in patients from Transylvania, Romania	Studia Universitatis Babeș-Bolyai Chemia	2015	60	29	43	6	5.500	0.017	0.003	0	0.000	0	0.000
6	Müller, C., Glamuzina, B., Pozniak, I., Weber, K., Cialla, D., Popp, J., Cîntă Pinzaru, S.	Amnesic shellfish poisoning biotoxin detection in seawater using pure or amino-functionalized Ag nanoparticles and SERS	Talanta	2014	130	108	115	7	6.000	0.757	0.126	7	1.167	1	0.757
7	Müller, C., David, L., Chiș, V., Pinzaru, S.C.	Detection of thiabendazole applied on citrus fruits and bananas using surface enhanced Raman scattering	Food Chemistry	2014	145	814	820	4	4.000	0.824	0.206	17	4.250	1	0.824
8	Pinzaru, S.C., Falamas, A., Dehelean, C., Morari, C., Venter, M.	Double amino functionalized ag nanoparticles as SERS tags in raman diagnostic	Croatica Chemica Acta	2013	86	233	244	5	5.000	0.170	0.034	4	0.800	1	0.170
9	Danciu, C., Falamas, A., Dehelean, C., Soica, C., Radeke, H., Barbu-Tudoran, L., Bojin, F., Pinzaru, S.C., Munteanu, M.F.	A characterization of four B16 murine melanoma cell sublines molecular fingerprint and proliferation behavior	Cancer Cell International	2013	13			9	7.000	0.541	0.077	10	1.429	0	0.000
10	Cîntă Pinzaru, S., Falamas, A., Dehelean, C.A.	Molecular conformation changes along the malignancy revealed by optical nanosensors	Journal of Cellular and Molecular Medicine	2013	17	277	286	3	3.000	1.141	0.380	5	1.667	1	1.141
11	Gui, O.M., Fălămaș, A., Barbu-Tudoran, L., Aluș, M., Giambra, B., Cîntă Pinzaru, S.	Surface-enhanced Raman scattering (SERS) and complementary techniques applied for the investigation of an Italian cultural heritage canvas	Journal of Raman Spectroscopy	2013	44	277	282	6	5.500	0.571	0.104	9	1.636	1	0.571
12	Dehelean, C.A., Șoica, C., Ledetși, I., Aluș, M., Zupko, I., Gălușcan, A., Cîntă-Pinzaru, S., Munteanu, M.	Study of the betulin enriched birch bark extracts effects on human carcinoma cells and ear inflammation	Chemistry Central Journal	2012	6			8	6.500	0.457	0.070	31	4.769	0	0.000
13	Cîntă-Pinzaru, S., Dehelean, C.A., Soica, C., Culea, M., Borcan, F.	Evaluation and differentiation of the Betulaceae birch bark species and their bioactive triterpene content using analytical FT-vibrational spectroscopy and GC-MS	Chemistry Central Journal	2012	6			5	5.000	0.457	0.091	9	1.800	1	0.457
14	Ciurlea, S., Dehelean, C.A., Pinzaru, S.C., Fălămaș, A., Mureșan, A., Loghin, F.	Raman spectroscopy investigations of the CD nu/nu mouse skin pre-carcinoma damages	Farmacia	2012	60	448	456	6	5.500	0.040	0.007	4	0.727	0	0.000
15	Fălămaș, A., Dehelean, C., Pinzaru, S.C.	Raman and sers characterization of normal pathological skin	Studia Universitatis Babeș-Bolyai Chemia	2011		89	97	3	3.000	0.000	0.000	1	0.333	0	0.000
16	Ulmeanu, M., Iordache, I., Filipescu, M., Craciun, V., Pinzaru, S.C., Hörner, A.	Annealing study of two-dimensional patterned Ge nanostructures via nanosphere lithography	Central European Journal of Physics	2011	9	1280	1287	6	5.500	0.269	0.049	2	0.364	0	0.000

17	Falama, A., Pînzaru, S.C., Chi, V., Dehelean, C.	Spectroscopic investigations of newly formed betulin-cyclodextrin guest-host type complexes as potential anti skin cancer candidates	Journal of Molecular Structure	2011	993	297	301	4	4.000	0.321	0.080	4	1.000	0	0.000
18	Fălămaș, A., Pînzaru, S.C., Dehelean, C.A., Peev, C.I., Soica, C.	Betulin and its natural resource as potential anticancer drug candidate seen by FT-Raman and FT-IR spectroscopy	Journal of Raman Spectroscopy	2011	42	97	107	5	5.000	0.621	0.124	15	3.000	0	0.000
19	Pînzaru, S.C., Pavel, I.E.	SERS and Pharmaceuticals	Surface Enhanced Raman Spectroscopy: Analytical, Biophysical and Life Science Applications	2010		129	154	2	2.000	0.000	0.000	2	1.000	1	0.000
20	Andronie, L., Pînzaru, S.C., Kostova, I., Cozar, O.	SERS of the new rare-earth-acenocoumarol complexes	AIP Conference Proceedings	2010	1267	1045	1046	4	4.000	0.000	0.000	0	0.000	0	0.000
21	Ĉintă Pînzaru, S., Dehelean, C.A., Fălămaș, A., Leopold, N., Lehene, C.	Cancer tissue screening using Surface Enhanced Raman Scattering	Proceedings of SPIE - The International Society for Optical Engineering	2010	7376			5	5.000	0.000	0.000	1	0.200	1	0.000
22	Falamas, A., Pinzaru, S.C., Dehelean, C.A., Venter, M.M.	Raman imaging of in vivo damaged skin tissues from mice specimens	Studia Universitatis Babeș-Bolyai Chemia	2010	2	273	281	4	4.000	0.000	0.000	1	0.250	0	0.000
23	Leopold, N., Ĉintă-Pînzaru, S., Szabó, L., Ileşan, D., Chiș, V., Cozar, O., Kiefer, W.	Raman and SERS study of metoclopramide at different pH values	Journal of Raman Spectroscopy	2010	41	248	255	7	6.000	0.641	0.107	7	1.167	0	0.000
24	Ambrus, R., Nacsă, A., Szabó-RéVész, P., Aigner, Z., Cinta-Panzaru, S.	Polyvinylpyrrolidone as carrier to prepare solid dispersion-pros and cons	Revista de Chimie	2009	60	539	543	5	5.000	0.030	0.006	2	0.400	0	0.000
25	Hubert Joe, I., Kostova, I., Ravikumar, C., Amalanathan, M., Pînzaru, S.C.	Theoretical and vibrational spectral investigation of sodium salt of acenocoumarol	Journal of Raman Spectroscopy	2009	40	1033	1038	5	5.000	0.581	0.116	39	7.800	0	0.000
26	Ĉintă Pînzaru, S., Onac, B.P.	Raman study of natural berlinite from a geological phosphate deposit	Vibrational Spectroscopy	2009	49	97	100	2	2.000	0.581	0.291	8	4.000	1	0.581
27	Ĉintă Pînzaru, S., Andronie, L.M., Domsa, I., Cozar, O., Astilean, S.	Bridging biomolecules with nanoparticles: Surface-enhanced Raman scattering from colon carcinoma and normal tissue	Journal of Raman Spectroscopy	2008	39	331	334	5	5.000	0.652	0.130	36	7.200	1	0.652
28	Ĉintă Pînzaru, S., Peica, N., Schmidt, U., Kiefer, W.	New substrate sample handling and micro-Raman sensing methods for biomolecular analysis	Journal of Optoelectronics and Advanced Materials	2007	9	768	771	4	4.000	0.161	0.040	0	0.000	1	0.161
29	Kostova, I., Trendafilova, N., Ĉintă Pînzaru, S., Kiefer, W., Momekov, G.	Spectroscopic evidence of La(III) complex of coumarin-3-carboxylic acid with cytotoxic activity	Journal of Optoelectronics and Advanced Materials	2007	9	532	538	5	5.000	0.161	0.032	1	0.200	0	0.000
30	Cavalu, S., Cinta Pinzaru, S., Peica, N., Damian, G., Kiefer, W.	Adsorption behavior of hyaluronidase onto silver nanoparticles and PMMA bone substitute	Journal of Optoelectronics and Advanced Materials	2007	9	686	689	5	5.000	0.161	0.032	0	0.000	0	0.000
31	Dehelean, C.A., Ĉintă Pînzaru, S., Peev, C.I., Soica, C., Antal, D.S.	Characterization of birch tree leaves, buds and bark dry extracts with antitumor activity	Journal of Optoelectronics and Advanced Materials	2007	9	783	787	5	5.000	0.161	0.032	10	2.000	0	0.000
32	Venter, M.M., Bercean, V.N., Ilici, M., Ĉintă Pînzaru, S.	New metal complexes of monoanionic (3H-2-tioxo-1,3,4thiadiazol-5-il)- thioacetic acid. X-ray structure of Na(C ₂ N ₂ HS 3 CH ₂ COO H ₂ O ₄ 2 2H ₂ O	Revue Roumaine de Chimie	2007	52	75	79	4	4.000	0.043	0.011	11	2.750	0	0.000
33	Onac, B.P., Effenberger, H., Ettinger, K., Panzaru, S.C.	Hydroxylellestadite from Cioclovina Cave (Romania): Microanalytical, structural, and vibrational spectroscopy data	American Mineralogist	2006	91	1927	1931	4	4.000	1.000	0.250	8	2.000	0	0.000
34	Dehelean, C.A., Peev, C., Ĉintă-Pînzaru, S., Őoica, C., Kaicsa, A.	FT-IR, FT-RAMAN and TLC densitometry analysis of some plane tree extracts concerning their content in betulinic acid and betulin	Revista de Chimie	2006	57	1105	1107	5	5.000	0.040	0.008	0	0.000	0	0.000
35	Pavel, I., Cota, S., Kiefer, W., Ĉintă-Pînzaru, S.	SERS substrate-dependent interaction of the anticarcinogenic drug 5-fluorouracil with silver	Particulate Science and Technology	2006	24	301	309	4	4.000	0.060	0.015	2	0.500	0	0.000

36	Cîntă-Pînzaru, S., Peica, N., Küstner, B., Schlücker, S., Schmitt, M., Frosch, T., Faber, I.H., Bringmann, G., Popp, J.	FT-Raman and NIR-SERS characterization of the antimalarial drugs chloroquine and mefloquine and their interaction with hematin	Journal of Raman Spectroscopy	2006	37	326	334	9	7.000	0.600	0.086	15	2.143	1	0.600
37	Pavel, I., Cota, S., Cîntă-Pînzaru, S., Kiefer, W.	Raman, surface enhanced raman spectroscopy, and DFT calculations: A powerful approach for the identification and characterization of 5-fluorouracil anticarcinogenic drug species	Journal of Physical Chemistry A	2005	109	9945	9952	4	4.000	1.100	0.275	23	5.750	0	0.000
38	Leopold, N., Cîntă-Pînzaru, S., Baia, M., Antonescu, E., Cozar, O., Kiefer, W., Popp, J.	Raman and surface-enhanced Raman study of thiamine at different pH values	Vibrational Spectroscopy	2005	39	169	176	7	6.000	0.500	0.083	31	5.167	0	0.000
39	Szeghalmi, A.V., Leopold, L., Pînzaru, S., Chis, V., Silaghi-Dumitrescu, I., Schmitt, M., Popp, J., Kiefer, W.	Adsorption of 6-mercaptopurine and 6-mercaptopurine-riboside on silver colloid: A pH-dependent surface-enhanced Raman spectroscopy and density functional theory study. II. 6-Mercaptopurine-riboside	Biopolymers	2005	78	298	310	8	6.500	1.100	0.169	13	2.000	0	0.000
40	Peica, N., Pavel, I., Cîntă Pînzaru, S., Rastogi, V.K., Kiefer, W.	Vibrational characterization of E102 food additive by Raman and surface-enhanced Raman spectroscopy and theoretical studies	Journal of Raman Spectroscopy	2005	36	657	666	5	5.000	0.600	0.120	31	6.200	0	0.000
41	Szeghalmi, A.V., Leopold, L., Pînzaru, S., Chis, V., Silaghi-Dumitrescu, I., Schmitt, M., Popp, J., Kiefer, W.	Adsorption of 6-mercaptopurine and 6-mercaptopurine riboside on silver colloid: A pH dependent surface enhanced Raman spectroscopy and density functional theory study. Part I. 6-Mercaptopurine	Journal of Molecular Structure	2005	735-736	103	113	8	6.500	0.410	0.063	28	4.308	0	0.000
42	Pînzaru, S.C., Leopold, N., Pavel, I., Kiefer, W.	Raman, SERS and theoretical studies of papaverine hydrochloride and its neutral species	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2004	60	2021	2028	4	4.000	0.500	0.125	10	2.500	1	0.500
43	Cîntă Pînzaru, S., Pavel, I., Leopold, N., Kiefer, W.	Identification and characterization of pharmaceuticals using Raman and surface-enhanced Raman scattering	Journal of Raman Spectroscopy	2004	35	338	346	4	4.000	0.600	0.150	84	21.000	1	0.600
44	Cîntă Pînzaru, S., Morari, C.	Vibrational properties of the free and adsorbed acridone	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2004	60	337	342	2	2.000	0.500	0.250	3	1.500	1	0.500
45	Maniu, D., Iliescu, T., Ardelean, I., Cîntă-Pînzaru, S., Tarcea, N., Kiefer, W.	Raman study on BZ03-CaO glasses	Journal of Molecular Structure	2003	651-653	485	488	6	5.500	0.380	0.069	59	10.727	0	0.000
46	Pavel, I., Szeghalmi, A., Moigno, D., Cîntă, S., Kiefer, W.	Theoretical and pH dependent surface enhanced Raman spectroscopy study on caffeine	Biopolymers - Biospectroscopy Section	2003	72	25	37	5	5.000	1.2	0.240	42	8.400	0	0.000
47	Muntean, C.M., Puppels, G.J., Greve, J., Segers-Nolten, G.M.J., Cîntă-Pînzaru, S.	Raman microspectroscopic study on low-pH-induced DNA structural transitions in the presence of magnesium ions	Journal of Raman Spectroscopy	2002	33	784	788	5	5.000	0.5	0.100	29	5.800	0	0.000
48	Cîntă Pînzaru, S., Leopold, N., Kiefer, W.	Vibrational spectroscopy of betulinic acid HIV inhibitor and of its birch bark natural source	Talanta	2002	57	625	631	3	3.000	0.700	0.233	15	5.000	1	0.700
49	Pavel, I., Moigno, D., Cîntă, S., Kiefer, W.	Surface enhanced Raman spectroscopy and theoretical studies on 1,4-dihydrazinophthalazine sulfate	Journal of Physical Chemistry A	2002	106	3337	3344	4	4.000	1.200	0.300	10	2.500	0	0.000
50	Cavalu, S., Cîntă-Pînzaru, S., Leopold, N., Kiefer, W.	Raman and surface enhanced raman spectroscopy of 2,2,5,5-tetramethyl-3-pyrrolin-1-yloxy-3-carboxamide labeled proteins: Bovine serum albumin and cytochrome C	Biopolymers - Biospectroscopy Section	2001	62	341	348	4	4.000	1.100	0.275	35	8.750	0	0.000
51	Cîntă-Pînzaru, S., Cavalu, S., Leopold, N., Petry, R., Kiefer, W.	Raman and surface-enhanced Raman spectroscopy of tempyo spin labelled ovalbumin	Journal of Molecular Structure	2001	565-566	225	229	5	5.000	0.350	0.070	9	1.800	1	0.350

52	Iliescu, T., Cinta, S., Kiefer, W.	FT-Raman and SERS spectra of rivanol in silver sol	Talanta	2000	53	121	124	3	3.000	0.700	0.233	9	3.000	0	0.000	
53	Pavel, I., Cîntă, S., Venter, M., Deak, A., Haiduc, I., Rösch, P., Cozar, O., Iliescu, T., Kiefer, W.	Vibrational behavior of transition metal cupferronato complexes. Raman and SERS studies on nickel(II) cupferronato complexes	Vibrational Spectroscopy	2000	23	71	76	9	7.000	0.400	0.057	5	0.714	0	0.000	
54	Bolboaca, M Cinta, S, Venter, M ;	Vibrational behavior of transition metal cupferronato complexes: Raman studies on cobalt(II) cupferronato derivatives	Spectroscopy Letters	2000	33	856	865	9	7.000	0.13	0.019	1	0.143	0	0.000	
55	Cinta, S., Venter, M., Iliescu, T., Cozar, O., Haiduc, I., Kiefer, W.	SERS application in elucidation of the nature of homologue Cu(I) triazenido complexes	Vibrational Spectroscopy	1999	19	223	226	6	5.500	0.400	0.073	1	0.182	1	0.400	
56	Cinta, S., Morari, C., Vogel, E., Maniu, D., Aluas, M., Iliescu, T., Cozar, O., Kiefer, W.	Vibrational studies of B6 vitamin	Vibrational Spectroscopy	1999	19	329	334	8	6.500	0.400	0.062	18	2.769	1	0.400	
57	Cîntă, S., Iliescu, T., Astilean, S., David, L., Cozar, O., Kiefer, W.	1,4-Benzodiazepine drags adsorption on the Ag colloidal surface	Journal of Molecular Structure	1999	482-483	685	688	6	5.500	0.32	0.058	12	2.182	1	0.320	
58	Cîntă, S., Vogel, E., Maniu, D., Aluas, M., Iliescu, T., Cozar, O., Kiefer, W.	SERS mechanisms of the Vitamin PP on different Au and Ag surfaces	Journal of Molecular Structure	1999	482-483	679	684	7	6.000	0.32	0.053	9	1.500	1	0.320	
59	Maniu, D., Ardelean, I., Iliescu, T., Cinta, S., Nagel, V., Kiefer, W.	Raman spectroscopic investigations on oxide glass system (1 - x)[3B2O3-K2O]·xTiO2	Journal of Molecular Structure	1999	480-481	657	659	6	5.500	0.32	0.058	16	2.909	0	0.000	
60	Cinta, S., Venter, M., Fickert, C., Haiduc, I., Scholz, P., Kiefer, W.	FT-Raman studies on new triphenylphosphin-copper(I) triazenido complexes	Journal of Molecular Structure	1998	446	209	214	6	5.500	0.33	0.060	5	0.909	1	0.330	
61	Cîntă, S., Iliescu, T., Venter, M., Cozar, O.	Vibrational and orientation studies of 2,4-diamino-6-phenyl-1,3,5-triazine on a colloidal silver surface	Journal of Molecular Structure	1997	410-411	189	192	4	4.000	0.32	0.080	3	0.750	1	0.320	
62	Iliescu, T., Cînta, S., Astilean, S., Bratu, I.	pH influence on the Raman spectra of PP vitamin in silver sol	Journal of Molecular Structure	1997	410-411	193	196	4	4.000	0.32	0.080	9	2.250	0	0.000	
63	Maniu, D., Ardelean, I., Iliescu, T., Cinta, S., Cozar, O.	Raman spectroscopic investigations of the oxide glass system (1 - x)(3B2O3-K2O)xMO (MO = V2O5 or CuO)	Journal of Molecular Structure	1997	410-411	291	294	5	5.000	0.32	0.064	16	3.200	0	0.000	
64									0.000		0.000		0.000		0.000	
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Date sintetizate la data:		14-Dec-17	
Indicatori CNATDCU			Alte date
Realizat	Minim		N_citari
	Prof.	Conf.	790
I	6.530	4	2
P	12.94	4	2.0
C	167	40	20.0
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WOS	Scopus	Google Scholar	
Hirsch	16	17	19