

Nikolaos Kourkoumelis

List of Publications by Year in descending order

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144
papers

3,498
citations

117625

34
h-index

197818

49
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149
all docs

149
docs citations

149
times ranked

3486
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological studies of new organotin(IV) complexes of thioamide ligands. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 327-335.	5.5	124
2	Palladium(II) and platinum(II) complexes of pyridine-2-carbaldehyde thiosemicarbazone with potential biological activity. Synthesis, structure and spectral properties. Extended network via hydrogen bond linkages of [Pd(PyTsc)Cl]. <i>Polyhedron</i> , 1999, 18, 1005-1013.	2.2	115
3	Mixed ligand silver(I) complexes with anti-inflammatory agents which can bind to lipoxygenase and calf-thymus DNA, modulating their function and inducing apoptosis. <i>Metallomics</i> , 2012, 4, 545.	2.4	103
4	Ca/P concentration ratio at different sites of normal and osteoporotic rabbit bones evaluated by Auger and energy dispersive X-ray spectroscopy. <i>Journal of Biological Physics</i> , 2012, 38, 279-291.	1.5	85
5	Synthesis, structural characterization and biological studies of the triphenyltin(IV) complex with 2-thiobarbituric acid. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2835-2844.	5.5	75
6	Recent advances on antimony(III/IV) compounds with potential activity against tumor cells. <i>Journal of Inorganic Biochemistry</i> , 2015, 153, 293-305.	3.5	74
7	New antimony(III) halide complexes with dithiocarbamate ligands derived from thiuram degradation: The effect of the molecule's close contacts on in vitro cytotoxic activity. <i>Materials Science and Engineering C</i> , 2016, 58, 396-408.	7.3	65
8	Preparation, characterization and water barrier properties of PS/organo-montmorillonite nanocomposites. <i>European Polymer Journal</i> , 2008, 44, 3915-3921.	5.4	63
9	Organotin mefenamic complexes?preparations, spectroscopic studies and crystal structure of a triphenyltin ester of mefenamic acid: novel anti-tuberculosis agents. <i>Applied Organometallic Chemistry</i> , 2002, 16, 360-368.	3.5	61
10	Structural Motifs and Biological Studies of New Antimony(III) Iodide Complexes with Thiones. <i>Inorganic Chemistry</i> , 2010, 49, 488-501.	4.0	60
11	Synthesis, characterization and biological activity of antimony(III) or bismuth(III) chloride complexes with dithiocarbamate ligands derived from thiuram degradation. <i>Polyhedron</i> , 2014, 67, 89-103.	2.2	59
12	Advances in the in Vivo Raman Spectroscopy of Malignant Skin Tumors Using Portable Instrumentation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14554-14570.	4.1	56
13	New Antimony(III) Bromide Complexes with Thioamides: Synthesis, Characterization, and Cytostatic Properties. <i>Inorganic Chemistry</i> , 2009, 48, 2233-2245.	4.0	55
14	Synthesis, structural characterization and biological studies of novel mixed ligand Ag(I) complexes with triphenylphosphine and aspirin or salicylic acid. <i>Inorganica Chimica Acta</i> , 2011, 375, 114-121.	2.4	55
15	Interpenetrated networks from a novel nanometer-sized pseudopeptidic ligand, bridging water, and transition metal ions with cds topology. <i>Chemical Communications</i> , 2005, , 3859.	4.1	53
16	Synthesis, structural characterization and in vitro inhibitory studies against human breast cancer of the bis-(2,6-di-tert-butylphenol)tin(IV) dichloride and its complexes. <i>Dalton Transactions</i> , 2012, 41, 14568.	3.3	53
17	Novel metallo-therapeutics of the NSAID naproxen. Interaction with intracellular components that leads the cells to apoptosis. <i>Dalton Transactions</i> , 2014, 43, 6848.	3.3	53
18	Synthesis, structural characterization and in vitro cytotoxicity of new Au(III) and Au(I) complexes with thioamides. <i>Dalton Transactions</i> , 2009, , 10446.	3.3	52

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19	Synthesis and spectroscopic studies of diorganotin derivatives with tolfenamic acid. Crystal and molecular structure of the first complex of tolfenamic acid, 1,2:3,4-di- μ -(2-[(3-chloro-2-methylphenyl)amino]benzoato-O,O-1,3-bis-2-[(3-chloro-2-methylphenyl)amino]benzoato-O-1,2,4:2,3,4-di- μ)-tin(IV) complex. <i>Journal of Organometallic Chemistry</i> , 2001, 620, 194-201.	1.8	51
20	Tetrameric 1:1 and monomeric 1:3 complexes of silver(I) halides with tri(p-tolyl)-phosphine: A structural and biological study. <i>Inorganica Chimica Acta</i> , 2009, 362, 1003-1010.	2.4	51
21	Synthesis, Structural Characterization, and Biological Studies of New Antimony(III) Complexes with Thiones. The Influence of the Solvent on the Geometry of the Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 8652-8661.	4.0	50
22	Microbial ethanol production: Experimental study and multivariate evaluation. <i>Forensic Science International</i> , 2012, 215, 189-198.	2.2	50
23	Synthesis, characterization, and binding properties towards CT-DNA and lipoygenase of mixed-ligand silver(I) complexes with 2-mercaptothiazole and its derivatives and triphenylphosphine. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 449-464.	2.6	50
24	Synthesis, characterization and biological studies of new antimony(III) halide complexes with β -thiocaprolactam. <i>Journal of Inorganic Biochemistry</i> , 2012, 109, 57-65.	3.5	49
25	Spectroscopic Assessment of Normal Cortical Bone: Differences in Relation to Bone Site and Sex. <i>Scientific World Journal</i> , The, 2010, 10, 402-412.	2.1	47
26	Trinuclear Palladium(II) Complexes with 2-Hydroxy-4-methoxyacetophenoneN4-Dimethylthiosemicarbazone: Synthesis, Spectral Studies and Crystal Structure of a Tripalladium Complex. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 727-734.	2.0	45
27	Synthesis and characterization of a new chloro-di-phenyltin(IV) complex with 2-mercapto-nicotinic acid: Study of its influence upon the catalytic oxidation of linoleic acid to hydroperoxylinoic acid by the enzyme lipoygenase. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 1780-1789.	1.8	45
28	Silver complex of salicylic acid and its hydrogel-cream in wound healing chemotherapy. <i>Journal of Inorganic Biochemistry</i> , 2018, 181, 41-55.	3.5	43
29	Structural, photolysis and biological studies of the bis(μ -2-chloro)-tris(triphenylphosphine)-di-copper(I) and chloro-tris(triphenylphosphine)-copper(I) complexes. Study of copper(I)â€“copper(I) interactions. <i>Inorganica Chimica Acta</i> , 2010, 363, 763-772.	2.4	41
30	Novel mixed metal Ag(I)-Sb(III)-metallotherapeutics of the NSAIDs, aspirin and salicylic acid: Enhancement of their solubility and bioactivity by using the surfactant CTAB. <i>Journal of Inorganic Biochemistry</i> , 2015, 150, 108-119.	3.5	40
31	Chloro(triphenylphosphine)gold(I) a forefront reagent in gold chemistry as apoptotic agent for cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2018, 179, 107-120.	3.5	38
32	A novel silver iodide metallo-drug: Experimental and computational modelling assessment of its interaction with intracellular DNA, lipoygenase and glutathione. <i>European Journal of Medicinal Chemistry</i> , 2014, 77, 388-399.	5.5	37
33	New antibacterial, non-genotoxic materials, derived from the functionalization of the anti-thyroid drug methimazole with silver ions. <i>Journal of Inorganic Biochemistry</i> , 2016, 160, 114-124.	3.5	37
34	Synthesis, Characterization, and Biological Studies of Organotin(IV) Derivatives with o- or p-hydroxybenzoic Acids. <i>Bioinorganic Chemistry and Applications</i> , 2009, 2009, 1-12.	4.1	35
35	Silver(I) compounds of the anti-inflammatory agents salicylic acid and p-hydroxyl-benzoic acid which modulate cell function. <i>Journal of Inorganic Biochemistry</i> , 2015, 142, 132-144.	3.5	35
36	Preparations and spectroscopic studies of organotin complexes of diclofenac. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2253-2259.	3.9	33

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37	Structural Properties, Cytotoxicity, and Anti-Inflammatory Activity of Silver(I) Complexes with tris(p-tolyl)Phosphine and 5-Chloro-2-Mercaptobenzothiazole. <i>Bioinorganic Chemistry and Applications</i> , 2010, 2010, 1-12.	4.1	33
38	Biological studies of organotin(IV) complexes with 2-mercaptopyrimidine. <i>Russian Chemical Bulletin</i> , 2007, 56, 767-773.	1.5	31
39	The effect of thermal aging and color pigments on the Egyptian linen properties evaluated by physicochemical methods. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 105, 497-507.	2.3	31
40	Modeling microbial ethanol production by <i>E. coli</i> under aerobic/anaerobic conditions: Applicability to real postmortem cases and to postmortem blood derived microbial cultures. <i>Forensic Science International</i> , 2013, 232, 191-198.	2.2	31
41	Synthesis, characterization, crystal structure and antiproliferative activity of platinum(II) complexes with 2-acetylpyridine-4-cyclohexyl-thiosemicarbazone. <i>Polyhedron</i> , 2007, 26, 2871-2879.	2.2	30
42	Interaction of antimony(III) chloride with thiourea, 2-mercapto-5-methyl-benzimidazole, 3-methyl-2-mercaptobenzothiazole, 2-mercaptopyrimidine, and 2-mercaptopyridine. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3859-3871.	2.2	30
43	Structural and In Vitro Biological Studies of Organotin(IV) Precursors; Selective Inhibitory Activity Against Human Breast Cancer Cells, Positive to Estrogen Receptors. <i>Australian Journal of Chemistry</i> , 2012, 65, 1625.	0.9	30
44	Copper(I)/(II) or silver(I) ions towards 2-mercaptopyrimidine: An exploration of a chemical variability with possible biological implication. <i>Inorganica Chimica Acta</i> , 2012, 382, 146-157.	2.4	30
45	Addition of tetraethylthiuram disulfide to antimony(III) iodide; synthesis, characterization and biological activity. <i>Inorganica Chimica Acta</i> , 2016, 443, 141-150.	2.4	30
46	Tissue Phantoms for Biomedical Applications in Raman Spectroscopy: A Review. <i>Biomedical Engineering and Computational Biology</i> , 2020, 11, 117959722094810.	2.0	30
47	Fourier Transform Infrared Spectroscopy of Bone Tissue: Bone Quality Assessment in Preclinical and Clinical Applications of Osteoporosis and Fragility Fracture. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2019, 17, 24-39.	0.8	29
48	Conjugation of Penicillin-G with Silver(I) Ions Expands Its Antimicrobial Activity against Gram Negative Bacteria. <i>Antibiotics</i> , 2020, 9, 25.	3.7	28
49	Eye Safety Related to Near Infrared Radiation Exposure to Biometric Devices. <i>Scientific World Journal</i> , The, 2011, 11, 520-528.	2.1	27
50	Diclofenac conjugates with biocides through silver(I) ions (CoMeD's); Development of a reliable model for the prediction of anti-proliferation of NSAID's-silver formulations.. <i>Journal of Inorganic Biochemistry</i> , 2019, 194, 7-18.	3.5	26
51	pHEMA@AGMNA-1: A novel material for the development of antibacterial contact lens. <i>Materials Science and Engineering C</i> , 2020, 111, 110770.	7.3	26
52	Thiosemicarbazone-derivatised palladium nanoparticles as efficient catalyst for the Suzuki-Miyaura cross-coupling of aryl bromides with phenylboronic acid. <i>Inorganica Chimica Acta</i> , 2008, 361, 1562-1565.	2.4	25
53	Crystal Structure and Antitumor Activity of the Novel Zwitterionic Complex of tri-n-Butyltin(IV) with 2-Thioarbituric Acid. <i>Bioinorganic Chemistry and Applications</i> , 2008, 2008, 1-5.	4.1	25
54	Poly Organotin Acetates against DNA with Possible Implementation on Human Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2055.	4.1	25

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55	Non steroidal anti-inflammatory drug (NSAIDs) in breast cancer chemotherapy; antimony(V) salicylate a DNA binder. <i>Inorganica Chimica Acta</i> , 2019, 489, 39-47.	2.4	25
56	Organotin adducts of indomethacin: synthesis, crystal structures and spectral characterization of the first organotin complexes of indomethacin. <i>Polyhedron</i> , 2004, 23, 2021-2030.	2.2	24
57	Antimony(III) halide compounds of thioureas: Structures and biological activity. <i>Polyhedron</i> , 2014, 79, 151-160.	2.2	24
58	Structural motifs of diiodine complexes with amides and thioamides. <i>Dalton Transactions</i> , 2008, , 5159.	3.3	23
59	Novel bismuth compounds: synthesis, characterization and biological activity against human adenocarcinoma cells. <i>RSC Advances</i> , 2016, 6, 29026-29044.	3.6	23
60	A Trinuclear Palladium(II) Complex with Bridging 2-HydroxyacetophenoneN4-Ethylthiosemicarbazone Ligands α^{γ} An Unusual Dimethylformamide Promoted Deprotonation and Aggregation. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 861-863.	2.0	22
61	Zinc complexes with tricarballic acid and Lewis bases with zero- and two-dimensional structures. <i>Inorganica Chimica Acta</i> , 2006, 359, 3540-3548.	2.4	22
62	Synthesis, structural characterization and cytotoxicity of the antimony(III) chloride complex with N,N-dicyclohexyldithioamide. <i>Polyhedron</i> , 2013, 52, 1403-1410.	2.2	22
63	Comprehensive Analysis of lncRNA and miRNA Expression Profiles and ceRNA Network Construction in Osteoporosis. <i>Calcified Tissue International</i> , 2020, 106, 343-354.	3.1	21
64	Silver ciprofloxacin (CIPAG): a successful combination of chemically modified antibiotic in inorganic-organic hybrid. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 705-723.	2.6	20
65	Amantadine copper(II) chloride conjugate with possible implementation in influenza virus inhibition. <i>Polyhedron</i> , 2020, 185, 114590.	2.2	20
66	Ciprofloxacin conjugated to diphenyltin(IV): a novel formulation with enhanced antimicrobial activity. <i>Dalton Transactions</i> , 2020, 49, 11522-11535.	3.3	20
67	Synthesis and Structural Characterization of New Cu(I) Complexes with the Antithyroid Drug 6-Propyl-thiouracil. Study of the Cu(I)-Catalyzed Intermolecular Cycloaddition of Iodonium Ylides toward Benzo[<i>b</i>]furans with Pharmaceutical Implementations. <i>Inorganic Chemistry</i> , 2012, 51, 12248-12259.	4.0	19
68	Background Estimation of Biomedical Raman Spectra Using a Geometric Approach. <i>Spectroscopy</i> , 2012, 27, 441-447.	0.8	19
69	Infrared spectroscopic assessment of the inflammation-mediated osteoporosis (IMO) model applied to rabbit bone. <i>Journal of Biological Physics</i> , 2012, 38, 623-635.	1.5	17
70	Nail Raman spectroscopy: A promising method for the diagnosis of onychomycosis. An ex vivo pilot study. <i>Medical Mycology</i> , 2018, 56, 551-558.	0.7	17
71	Structural and biological studies of organotin(IV) derivatives with 2-mercapto-benzoic acid and 2-mercapto-4-methyl-pyrimidine. <i>Polyhedron</i> , 2008, 27, 3318-3324.	2.2	16
72	Study on single crystal structure of the antimony(III) bromide complex with 3-methyl-2-mercaptobenzothiazole and biological activity of some antimony(III) bromide complexes with thioamides. <i>Medicinal Chemistry Research</i> , 2012, 21, 3523-3531.	2.4	16

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73	Physicochemical characterization of thermally aged Egyptian linen dyed with organic natural dyestuffs. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 112, 469-478.	2.3	16
74	Synthesis, structural characterization and cytostatic properties of N,N-dicyclohexyldithiooxamide complexes of antimony(III) halides (SbX ₃ , X: Br or I). <i>Polyhedron</i> , 2014, 70, 172-179.	2.2	16
75	Raman spectroscopy for the assessment of osteoarthritis. <i>Annals of Joint</i> , 0, 3, 83-83.	1.0	15
76	The lipid profile of three <i>Malassezia</i> species assessed by Raman spectroscopy and discriminant analysis. <i>Molecular and Cellular Probes</i> , 2019, 46, 101416.	2.1	15
77	Mono- and Binuclear Copper(I) Complexes of Thionucleotide Analogues and Their Catalytic Activity on the Synthesis of Dihydrofurans. <i>Inorganic Chemistry</i> , 2014, 53, 8322-8333.	4.0	14
78	QSAR studies on antimony(III) halide complexes with N-substituted thiourea derivatives. <i>Polyhedron</i> , 2017, 123, 152-161.	2.2	14
79	Silver Nanoparticles from Oregano Leaves™ Extracts as Antimicrobial Components for Non-Infected Hydrogel Contact Lenses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3539.	4.1	14
80	A Social Media™ Promoted Educational Community of Joint Replacement Patients Using the WeChat App: Survey Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e18763.	3.7	14
81	The crystal structure of di-2-aminopyrimidinium tetraphenyldichloro(¼-oxo)distannate. <i>Journal of Organometallic Chemistry</i> , 1996, 514, 163-167.	1.8	13
82	Fundamental chemistry of iodine. The reaction of di-iodine towards thiourea and its methyl-derivative: formation of aminothiazoles and aminothiadiazoles through dicationic disulfides. <i>Dalton Transactions</i> , 2014, 43, 4790-4806.	3.3	13
83	The periodic table of urea derivative: small molecules of zinc(II) and nickel(II) of diverse antimicrobial and antiproliferative applications. <i>Molecular Diversity</i> , 2020, 24, 31-43.	3.9	13
84	A New Silver(I) Aggregate Having an Octagonal Ag ₄ S ₄ Core Where ¼-S Bonding Interactions Lead to a Nanotube Assembly that Exhibits Quasiaromaticity. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1219-1224.	2.0	12
85	Assessment of organotin against the linoleic acid, glutathione and CT-DNA. <i>Inorganica Chimica Acta</i> , 2014, 423, 98-106.	2.4	12
86	Copper(I) oxalate complexes: Synthesis, structures and surprises. <i>Polyhedron</i> , 2016, 119, 563-574.	2.2	12
87	Synthesis characterization and biological activity of mixed ligand silver(I) complex of 2-benzimidazolylurea and triphenylphosphine. <i>Polyhedron</i> , 2017, 128, 95-103.	2.2	12
88	Pre-treatment of soil X-ray powder diffraction data for cluster analysis. <i>Geoderma</i> , 2019, 337, 413-424.	5.1	12
89	Estimating a reliable cutoff point of 1-propanol in postmortem blood as marker of microbial ethanol production. <i>Journal of Forensic Science and Medicine</i> , 2019, 5, 141.	0.2	12
90	The impact of the anion size on the crystal packing in 2-mercaptopyrimidine halides; isostructurality and polymorphism. <i>CrystEngComm</i> , 2013, 15, 3607.	2.6	11

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91	Platinum(II)-thiodipropionic acid nanoparticles as recyclable catalysts for the selective hydrogenation of trans-cinnamaldehyde. <i>Catalysis Communications</i> , 2014, 43, 57-60.	3.3	11
92	Platinum(II)-thiosemicarbazone drugs override the cell resistance due to glutathione; assessment of their activity against human adenocarcinoma cells. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3560-3579.	2.2	11
93	The mysteries of rapidly destructive arthrosis of the hip joint: a systemic literature review. <i>Annals of Palliative Medicine</i> , 2020, 9, 1220-1229.	1.2	11
94	Reactivity of diiodine toward thiol: Desulfuration reaction of 5-nitro-2-mercapto-benzimidazole upon reaction with diiodine. <i>Heteroatom Chemistry</i> , 2012, 23, 498-511.	0.7	10
95	Silver(I) complexes of methyl xanthate against human adenocarcinoma breast cancer cells. <i>Polyhedron</i> , 2017, 121, 115-122.	2.2	10
96	Integrated Analysis of DEAD-Box Helicase 56: A Potential Oncogene in Osteosarcoma. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 588.	4.1	10
97	Assessment of Skin Deep Layer Biochemical Profile Using Spatially Offset Raman Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9498.	2.5	10
98	Seasonal evaluation of floating microplastics in a shallow Mediterranean coastal lagoon: Abundance, distribution, chemical composition, and influence of environmental factors. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 272, 107859.	2.1	10
99	The effect of calcium and vitamin D supplementation on osteoporotic rabbit bones studied by vibrational spectroscopy. <i>Journal of Biological Physics</i> , 2014, 40, 401-412.	1.5	9
100	Dinuclear Lanthanide (III) Coordination Polymers in a Domino Reaction. <i>Inorganics</i> , 2015, 3, 448-466.	2.7	9
101	Mono-nuclear cis-Pd(II) chloride complex of the thio-nucleotide analogue 5-methyl-thiouracil and its biological activity. <i>Polyhedron</i> , 2015, 87, 251-258.	2.2	9
102	Osteoporosis and strontium-substituted hydroxyapatites. <i>Annals of Translational Medicine</i> , 2016, 4, S10-S10.	1.7	9
103	Structural, photolysis and biological studies of novel mixed metal Cu(I)-Sb(III) mixed ligand complexes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 261-268.	3.8	9
104	An Efficient Disinfectant, Composite Material {SLS@[Zn3(CitH)2]} as Ingredient for Development of Sterilized and Non Infectious Contact Lens. <i>Antibiotics</i> , 2019, 8, 213.	3.7	9
105	Emerging Optical Techniques for the Diagnosis of Onychomycosis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2340.	2.5	9
106	Molecular Docking and Structure Activity Relationship Studies of NSAIDs. What do they Reveal about IC50?. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.7	9
107	Patterns of the most abundant volatiles detected in post-mortem blood. <i>Romanian Journal of Legal Medicine</i> , 2012, 20, 147-154.	0.3	9
108	Medical Safety Issues Concerning the Use of Incoherent Infrared Light in Biometrics. <i>Lecture Notes in Computer Science</i> , 2010, , 121-126.	1.3	8

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109	Stabilization of poly-iodides: structural influences of the cationic disulfides of 2-mercapto-3,4,5,6-tetrahydro-pyrimidine and 2-mercatpo-pyrimidine. RSC Advances, 2012, 2, 2856.	3.6	8
110	Evaluation of CT–DEA performance on Ca/P ratio assessment in bone apatite using EDX. X-Ray Spectrometry, 2014, 43, 286-291.	1.4	8
111	Biothiol modulated growth and aggregation of gold nanoparticles and their determination in biological fluids using digital photometry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 249, 119337.	3.9	8
112	Multivariate statistical evaluation of bone site and sex as parameters for the Fourier transform infrared spectroscopic study of normal bone. Spectroscopy, 2010, 24, 99-104.	0.8	7
113	Photo-activated metallotherapeutics: copper(I) or silver(I) mixed ligand complexes with 2-mercaptopyrimidine and triphenylphosphine. Medicinal Chemistry Research, 2013, 22, 2260-2265.	2.4	7
114	Self-Assembly Magnetic Micro- and Nanospheres and the Effect of Applied Magnetic Fields. Nanomaterials, 2021, 11, 1030.	4.1	7
115	Modeling postmortem ethanol production by <i>C. albicans</i> : Experimental study and multivariate evaluation. Forensic Science International, 2021, 324, 110809.	2.2	7
116	Spectroscopic studies for adducts of 2-aminopyrimidine with tin(IV) halides and tin(II) chloride. Cis–trans isomerism in tetrabromobis(2-aminopyrimidine)tin(IV). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1998, 54, 1801-1809.	3.9	6
117	The threonine effect on calcium phosphate preparation from a solution containing Ca/P=1.33 molar ratio. Ceramics International, 2010, 36, 1893-1899.	4.8	6
118	Inhibition of lipoxygenase (LOX) and anticancer activity caused by gold(I) mixed ligands complexes of triphenylphosphine and thioamides. Journal of Enzyme Inhibition and Medicinal Chemistry, 2011, 26, 592-597.	5.2	6
119	Electric and Magnetic Properties of Sputter Deposited BiFeO ₃ Films. Advances in Materials Science and Engineering, 2013, 2013, 1-6.	1.8	6
120	Evaluation of the 3D spatial distribution of the Calcium/Phosphorus ratio in bone using computed-tomography dual-energy analysis. Physica Medica, 2016, 32, 162-168.	0.7	6
121	Shaping Beam Profiles Using Plastic Optical Fiber Tapers with Application to Ice Sensors. Sensors, 2020, 20, 2503.	3.8	6
122	A new technique for the assessment of the 3D spatial distribution of the calcium/phosphorus ratio in bone apatite. Physiological Measurement, 2013, 34, 1399-1410.	2.1	5
123	Catalytic and conductivity studies in two dimensional coordination polymers built with a thiazole based ligand. Polyhedron, 2018, 150, 21-27.	2.2	5
124	Fluorescence of copper(I) and mixed valence copper(I/II) complexes with dipicolinic acid and their catalytic activity on catechol oxidation. Inorganica Chimica Acta, 2020, 500, 119209.	2.4	5
125	Antiproliferative activity and apoptosis induction, of organo-antimony(III)–copper(I) conjugates, against human breast cancer cells. Molecular Diversity, 2020, 24, 1095-1106.	3.9	5
126	Integrative Analysis of Genomics and Transcriptome Data to Identify Regulation Networks in Female Osteoporosis. Frontiers in Genetics, 2020, 11, 600097.	2.3	5

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127	New bioelectrical impedance analysis equations for children and adolescents based on the deuterium dilution technique. <i>Clinical Nutrition ESPEN</i> , 2021, 44, 402-409.	1.2	5
128	Modeling microbial ethanol production by <i>S. aureus</i> , <i>K. pneumoniae</i> , and <i>E. faecalis</i> under aerobic/anaerobic conditions – applicability to laboratory cultures and real postmortem cases. <i>International Journal of Legal Medicine</i> , 2021, 135, 2555-2565.	2.2	5
129	Synthesis, structural characterization and study of $\{[K(H_2mna)_2] \cdot [K(\frac{1}{4}-OH)_2] \cdot 4H_2O\}_n$ ($H_2mna=2$ -mercapto-nicotinic acid). A supramolecular architecture of inorganic/metal-organic hybrid self-assembled by strong hydrogen bonds and π - π interactions. <i>Inorganica Chimica Acta</i> , 2006, 359, 215-220.	2.4	4
130	Continuum determination in spectroscopic data by means of topological concepts and Fourier filtering. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 691, 1-4.	1.6	4
131	<i>WinPSSP</i> : a revamp of the computer program <i>PSSP</i> and its performance solving the crystal structures of small organic compounds and solids of biological and pharmaceutical interest. <i>Journal of Applied Crystallography</i> , 2017, 50, 293-303.	4.5	4
132	Gold-Modified Micellar Composites as Colorimetric Probes for the Determination of Low Molecular Weight Thiols in Biological Fluids Using Consumer Electronic Devices. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2705.	2.5	4
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