

Helena I S Nogueira

List of Publications by Year in descending order

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120
papers

5,141
citations

101496

36
h-index

95218

68
g-index

126
all docs

126
docs citations

126
times ranked

6765
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Modification of Graphene Nanosheets with Gold Nanoparticles: The Role of Oxygen Moieties at Graphene Surface on Gold Nucleation and Growth. <i>Chemistry of Materials</i> , 2009, 21, 4796-4802.	3.2	838
2	Spatial and temporal distribution of microplastics in water and sediments of a freshwater system (Antuã River, Portugal). <i>Science of the Total Environment</i> , 2018, 633, 1549-1559.	3.9	560
3	Novel Lanthanide Luminescent Materials Based on Complexes of 3-Hydroxypicolinic Acid and Silica Nanoparticles. <i>Chemistry of Materials</i> , 2003, 15, 100-108.	3.2	227
4	A theoretical interpretation of the abnormal $5D_0 \rightarrow 7F_4$ intensity based on the Eu^{3+} local coordination in the $\text{Na}_9[\text{EuW}_{10}\text{O}_{36}] \cdot 14\text{H}_2\text{O}$ polyoxometalate. <i>Journal of Luminescence</i> , 2006, 121, 561-567.	1.5	197
5	Hybrid nanostructures for SERS: materials development and chemical detection. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21046-21071.	1.3	155
6	Impacts of plastic products used in daily life on the environment and human health: What is known?. <i>Environmental Toxicology and Pharmacology</i> , 2019, 72, 103239.	2.0	141
7	Studies on polyoxo and polyperoxo-metalates part 511Part 4: Ref. [4].: Peroxide-catalysed oxidations with heteropolyperoxo-tungstates and -molybdates. <i>Journal of Molecular Catalysis A</i> , 1997, 117, 185-198.	4.8	127
8	Photoluminescent 3D Lanthanide-Organic Frameworks with 2,5-Pyridinedicarboxylic and 1,4-Phenylenediacetic Acids. <i>Crystal Growth and Design</i> , 2008, 8, 2505-2516.	1.4	112
9	Use of Dialkyldithiocarbamate Complexes of Bismuth(III) for the Preparation of Nano- and Microsized Bi_2S_3 Particles and the X-ray Crystal Structures of $[\text{Bi}\{\text{S}_2\text{CN}(\text{CH}_3)(\text{C}_6\text{H}_{13})\}_3]$ and $[\text{Bi}\{\text{S}_2\text{CN}(\text{CH}_3)(\text{C}_6\text{H}_{13})\}_3(\text{C}_{12}\text{H}_8\text{N}_2)]$. <i>Chemistry of Materials</i> , 2001, 13, 2103-2111.	3.2	104
10	Silver-impregnated bacterial cellulosic sponges as active SERS substrates. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 439-443.	1.2	97
11	Photoluminescent Lanthanide-Organic Bilayer Networks with 2,3-Pyrazinedicarboxylate and Oxalate. <i>Inorganic Chemistry</i> , 2010, 49, 3428-3440.	1.9	94
12	Synthesis and characterization of tungsten trioxide powders prepared from tungstic acids. <i>Materials Research Bulletin</i> , 2004, 39, 683-693.	2.7	83
13	Effectiveness of a methodology of microplastics isolation for environmental monitoring in freshwater systems. <i>Ecological Indicators</i> , 2018, 89, 488-495.	2.6	78
14	FT-IR, FT-Raman, SERS and computational study of 5-ethylsulphonyl-2-(o-chlorobenzyl)benzoxazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 617-625.	2.0	77
15	FT-IR, FT-Raman and SERS spectra of pyridine-3-sulfonic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 744-747.	2.0	62
16	Novel cerium(IV) heteropolyoxotungstate containing two types of lacunary Keggin anions. <i>Chemical Communications</i> , 2004, , 2656.	2.2	61
17	Raman, IR and SERS spectra of methyl(2-methyl-4,6-dinitrophenylsulfanyl)ethanoate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 1313-1320.	2.0	61
18	Corrosion inhibition of copper in aqueous chloride solution by 1H-1,2,3-triazole and 1,2,4-triazole and their combinations: electrochemical, Raman and theoretical studies. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 6113-6129.	1.3	60

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19	Luminescent Polyoxotungstoeuropate Anion-Pillared Layered Double Hydroxides. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 726-734.	1.0	56
20	Lanthanopolyoxotungstates in silica nanoparticles: multi-wavelength photoluminescent core/shell materials. <i>Journal of Materials Chemistry</i> , 2010, 20, 3313.	6.7	56
21	Studies on polyoxo and polyperoxo-metalates. <i>Journal of Organometallic Chemistry</i> , 2000, 607, 146-155.	0.8	55
22	A general strategy to prepare SERS active filter membranes for extraction and detection of pesticides in water. <i>Talanta</i> , 2018, 182, 558-566.	2.9	53
23	Coordination modes of 3-hydroxypicolinic acid: synthesis and crystal structures of palladium(II), platinum(II) and rhenium(V) complexes. <i>New Journal of Chemistry</i> , 2000, 24, 511-517.	1.4	52
24	One-dimensional silver(I) chain of lacunary β -Keggin anions. <i>Chemical Communications</i> , 2006, , 2953-2955.	2.2	52
25	Iron(III)-substituted polyoxotungstates immobilized on silica nanoparticles: Novel oxidative heterogeneous catalysts. <i>Catalysis Communications</i> , 2011, 12, 459-463.	1.6	52
26	Second- and third-row transition-metal complexes of dihydroxybenzoic acids, and the crystal structure of $[\text{NMe}_4]_2[\text{MoO}_2(2,3\text{-dhb})_2] \cdot 1.5\text{H}_2\text{O}$ (2,3-H ₂ dhb = 2,3-dihydroxybenzoic acid). <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 1775-1781.	1.1	45
27	Lanthanide complexes as oxidation catalysts for alcohols and alkenes. <i>Polyhedron</i> , 1996, 15, 3493-3500.	1.0	44
28	IR, Raman and SERS spectra of 2-(methoxycarbonylmethylsulfanyl)-3,5-dinitrobenzene carboxylic acid. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 549-559.	0.6	44
29	Lanthanopolyoxometalates as Building Blocks for Multiwavelength Photoluminescent Organic-Inorganic Hybrid Materials. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5088-5095.	1.0	44
30	Polynuclear molybdenum and tungsten complexes of 3-hydroxypicolinic acid and the crystal structures of $(\text{nBu}_4\text{N})_2[\text{Mo}_4\text{O}_{12}(\text{picOH})_2]$ and $(\text{nHex}_4\text{N})_2[\text{Mo}_2\text{O}_6(\text{picOH})_2]$. <i>Dalton Transactions RSC</i> , 2001, , 3196-3201.	2.3	43
31	Synthesis, Characterisation and Luminescent Properties of Lanthanide-Organic Polymers with Picolinic and Glutaric Acids. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4238-4246.	1.0	41
32	Lanthanide complexes of 2-hydroxynicotinic acid: synthesis, luminescence properties and the crystal structures of $[\text{Ln}(\text{HnicO})_2(\frac{1}{4}\text{-HnicO})(\text{H}_2\text{O})] \cdot \text{nH}_2\text{O}$ (Ln=Tb, Eu). <i>Polyhedron</i> , 2003, 22, 3529-3539.	1.0	39
33	Surface-Enhanced Raman Scattering Spectral Imaging for the Attomolar Range Detection of Crystal Violet in Contaminated Water. <i>ACS Omega</i> , 2018, 3, 4331-4341.	1.6	39
34	Surface-enhanced Raman scattering (SERS) of 3-aminosalicylic and 2-mercaptopyridonic acids in silver colloids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1998, 54, 1461-1470.	2.0	38
35	Vibrational spectroscopic studies and computational study of 4-fluoro-N-(2-hydroxy-4-nitrophenyl)phenylacetamide. <i>Journal of Molecular Structure</i> , 2011, 994, 223-231.	1.8	38
36	FT-IR, FT-Raman, surface enhanced Raman scattering and computational study of 2-(p-fluorobenzyl)-6-nitrobenzoxazole. <i>Journal of Molecular Structure</i> , 2012, 1012, 22-30.	1.8	37

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37	Vibrational spectroscopic (FT-IR, FT-Raman, SERS) and quantum chemical calculations of 3-(10,10-dimethyl-anthracen-9-ylidene)-N,N,N-trimethylpropanaminium chloride (Melitraceniun) Tj ETQq1 1 0.784214 rgBT kOverlock	1.0	30
38	Novel sintering-free scaffolds obtained by additive manufacturing for concurrent bone regeneration and drug delivery: Proof of concept. <i>Materials Science and Engineering C</i> , 2019, 94, 426-436.	3.8	35
39	Coordination modes of 2-hydroxynicotinic acid in second- and third-row transition metal complexes. <i>Polyhedron</i> , 2002, 21, 2783-2791.	1.0	34
40	Vibrational spectroscopic studies (FT-IR, FT-Raman, SERS) and quantum chemical calculations on cyclobenzaprinium salicylate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 120, 340-350.	2.0	33
41	Spectroscopic investigation (FT-IR, FT-Raman and SERS), vibrational assignments, HOMO-LUMO analysis and molecular docking study of Opipramol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 547-559.	2.0	32
42	Carbon-based heterogeneous photocatalysts for water cleaning technologies: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 643-668.	8.3	32
43	Coordination modes of pyridine-carboxylic acid derivatives in samarium (III) complexes. <i>Polyhedron</i> , 2006, 25, 2471-2482.	1.0	31
44	Magnetite-Supported Gold Nanostars for the Uptake and SERS Detection of Tetracycline. <i>Nanomaterials</i> , 2019, 9, 31.	1.9	31
45	Polymer based silver nanocomposites as versatile solid film and aqueous emulsion SERS substrates. <i>Journal of Materials Chemistry</i> , 2011, 21, 15629.	6.7	30
46	Inkjet Printing of Ag and Polystyrene Nanoparticle Emulsions for the One-Step Fabrication of Hydrophobic Paper-Based Surface-Enhanced Raman Scattering Substrates. <i>ACS Applied Nano Materials</i> , 2021, 4, 4484-4495.	2.4	29
47	Vibrational spectra of melamine diborate, C ₃ N ₆ H ₆ 2H ₃ BO ₃ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002, 58, 1545-1551.	2.0	28
48	Functionalized Inorganic Nanoparticles for Magnetic Separation and SERS Detection of Water Pollutants. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3443-3461.	1.0	28
49	Synthesis, characterisation and magnetic properties of cobalt (II) complexes with 3-hydroxypicolinic acid (HpicOH): [Co(picOH) ₂ (H ₂ O) ₂] and mer-[N(CH ₃) ₄][Co(picOH) ₃].H ₂ O. <i>Polyhedron</i> , 2005, 24, 563-569.	1.0	26
50	A novel cobalt(II)-molybdenum(V) phosphate organic-inorganic hybrid polymer. <i>Journal of Solid State Chemistry</i> , 2006, 179, 1497-1505.	1.4	26
51	Lanthanopolyoxotungstoborates: Synthesis, Characterization, and Layer-by-Layer Assembly of Europium Photoluminescent Nanostructured Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2004, 4, 214-220.	0.9	23
52	The first one-dimensional lanthanopolyoxotungstoborate. <i>Inorganic Chemistry Communication</i> , 2005, 8, 924-927.	1.8	23
53	SERS study on adenine using a Ag/poly(t-butylacrylate) nanocomposite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 101, 36-39.	2.0	23
54	Colloidal dendritic nanostructures of gold and silver for SERS analysis of water pollutants. <i>Journal of Molecular Liquids</i> , 2021, 337, 116608.	2.3	23

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55	Preparation of photoluminescent monolayers based on a polyoxotungstoeuropate. <i>Journal of Alloys and Compounds</i> , 2004, 374, 371-376.	2.8	21
56	Synthesis, characterisation and magnetic properties of copper(II) complexes with 3-hydroxypicolinic acid (HpicOH): the crystal structure of $[\text{Cu}(\text{picOH})_2(\text{BPE})]_2 \cdot [\text{Cu}(\text{picOH})_2(\text{BPE})_2] \cdot 8\text{H}_2\text{O}$. <i>Journal of Molecular Structure</i> , 2005, 737, 221-229.	1.8	21
57	Organic-inorganic hybrid materials based on iron(III)-polyoxotungstates and 1-butyl-3-methylimidazolium cations. <i>Dalton Transactions</i> , 2012, 41, 12145.	1.6	21
58	Raman Signal Enhancement Dependence on the Gel Strength of Ag/Hydrogels Used as SERS Substrates. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10384-10392.	1.5	20
59	Coordination modes of 2-mercaptopyridonic acid: synthesis and crystal structures of palladium(II), platinum(II), rhenium(III) and molybdenum(VI) complexes. <i>Dalton Transactions RSC</i> , 2002, , 4479-4487.	2.3	19
60	Gold loaded textile fibres as substrates for SERS detection. <i>Journal of Molecular Structure</i> , 2019, 1185, 333-340.	1.8	19
61	Second and third row transition metal complexes of 1,1'-bi-2-naphthol and the X-ray crystal structures of $(\text{Bu}_4\text{nN})[\text{MoO}_2(\text{acac})(\text{BINO})]$ (1) and $(\text{Bu}_4\text{nN})_2(\text{H}_2\text{BINO})_2[\text{Mo}_2\text{O}_7]$ (2). <i>Polyhedron</i> , 1997, 16, 1323-1329.	1.0	18
62	SERS studies of DNA nucleobases using new silver poly(methyl methacrylate) nanocomposites as analytical platforms. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 47-53.	1.2	18
63	SERS and Raman imaging as a new tool to monitor dyeing on textile fibres. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 1239-1246.	1.2	18
64	Synthesis and crystal structure of $[\text{nBu}_4\text{N}][\text{Er}(\text{pic})_4] \cdot 5.5\text{H}_2\text{O}$: a new infrared emitter. <i>Inorganic Chemistry Communication</i> , 2003, 6, 1234-1238.	1.8	17
65	Photoluminescent hybrid materials based on lanthanopolyoxotungstates and 3-hydroxypicolinic acid. <i>Journal of Alloys and Compounds</i> , 2008, 451, 422-425.	2.8	17
66	Raman imaging studies on the adsorption of methylene blue species onto silver modified linen fibers. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 795-802.	1.2	17
67	Reductive nanometric patterning of graphene oxide paper using electron beam lithography. <i>Carbon</i> , 2018, 129, 63-75.	5.4	17
68	Modification of carbon fibre reinforced polymer (CFRP) surface with sodium dodecyl sulphate for mitigation of cathodic activity. <i>Applied Surface Science</i> , 2019, 478, 924-936.	3.1	17
69	Pyridine-Carboxylate Complexes of Platinum. Effect of N,O-Chelate Formation on Model Bifunctional DNA-DNA and DNA-Protein Interactions. <i>Inorganic Chemistry</i> , 2005, 44, 5247-5253.	1.9	16
70	IR, Raman and SERS spectra of 2-phenoxyethylbenzothiazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 132-139.	2.0	16
71	Nanoencapsulation of Luminescent 3-Hydroxypicolinate Lanthanide Complexes. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7567-7573.	1.5	15
72	Luminescent Transparent Composite Films Based on Lanthanopolyoxometalates and Filmogenic Polysaccharides. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1890-1896.	1.0	15

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73	Composite blends of gold nanorods and poly(t-butylacrylate) beads as new substrates for SERS. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 113, 100-106.	2.0	15
74	Ruthenium-Modified Titanate Nanowires for the Photocatalytic Oxidative Removal of Organic Pollutants from Water. <i>ACS Applied Nano Materials</i> , 2019, 2, 1341-1349.	2.4	15
75	Surface-enhanced Raman scattering (SERS) studies on 1,1'-bi-2-naphthol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2000, 56, 959-964.	2.0	14
76	Two novel supramolecular organic-inorganic adducts containing dibenzo-30-crown-10 and H ₃ PM ₁₂ O ₄₀ (M=W or Mo). <i>Journal of Molecular Structure</i> , 2008, 888, 99-106.	1.8	14
77	Synthesis, characterization and crystal structure of a novel europium(III) supramolecular compound: {[Eu(CH ₃ OH) ₆ (H ₂ O) ₂] [PMo ₁₂ O ₄₀]}·(C ₁₄ H ₂₀ O ₅) ₂ ·(CH ₃ OH) ₂ ·(CH ₃ CN) ₂ . <i>Journal of Molecular Structure</i> , 2004, 689, 61-67.	1.8	13
78	Terbium(III) complexes of 2-aminonicotinic, thiosalicylic and anthranilic acids: synthesis and photoluminescence properties. <i>Journal of Alloys and Compounds</i> , 2008, 451, 575-577.	2.8	13
79	Photoluminescent bimetallic-3-hydroxypicolinate/graphene oxide nanocomposite. <i>RSC Advances</i> , 2012, 2, 9443.	1.7	13
80	Synthesis and characterization of metal-substituted tetraalkylphosphonium polyoxometalate ionic liquids. <i>New Journal of Chemistry</i> , 2016, 40, 945-953.	1.4	13
81	Adsorption of 2,2'-dithiodipyridine as a tool for the assembly of silver nanoparticles. <i>Journal of Materials Chemistry</i> , 2002, 12, 2339-2342.	6.7	12
82	Hedgehog-shaped {Mo ₃₆₈ } cluster: unique electronic/structural properties, surfactant encapsulation and related self-assembly into vesicles and films. <i>Soft Matter</i> , 2015, 11, 2372-2378.	1.2	12
83	Silver-gelatin bionanocomposites for qualitative detection of a pesticide by SERS. <i>Analyst</i> , 2015, 140, 1693-1701.	1.7	12
84	Dendrimer stabilized nanoalloys for inkjet printing of surface-enhanced Raman scattering substrates. <i>Journal of Colloid and Interface Science</i> , 2022, 612, 342-354.	5.0	12
85	A comparative study on emergent pollutants photo-assisted degradation using ruthenium modified titanate nanotubes and nanowires as catalysts. <i>Journal of Environmental Sciences</i> , 2020, 92, 38-51.	3.2	11
86	Effects of europium polyoxometalate encapsulated in silica nanoparticles (nanocarriers) in soil invertebrates. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	10
87	Synthesis and properties of new materials with cobalt(II), iron(III) and manganese(III)-substituted Keggin polyoxotungstates and 1-alkyl-3-methylimidazolium cations. <i>Polyhedron</i> , 2015, 101, 109-117.	1.0	9
88	Fluorinated polyhedral oligomeric silsesquioxane nanoparticles to boost the dirt repellence of high pressure laminates. <i>Chemical Engineering Journal</i> , 2016, 301, 362-370.	6.6	9
89	Dendrimer-Based Gold Nanostructures for SERS Detection of Pesticides in Water. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1153-1162.	1.0	9
90	Polynuclear Molybdenum and Tungsten Complexes containing 3-Hydroxypicolinic Acid and Europium (III). <i>Materials Science Forum</i> , 2006, 514-516, 1305-1312.	0.3	8

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91	Ultra-high pressure modified cellulosic fibres with antimicrobial properties. Carbohydrate Polymers, 2017, 175, 303-310.	5.1	8
92	A HNO ₃ -Responsive Aqueous Biphasic System for Metal Separation: Application towards Ce ^{IV} Recovery. ChemSusChem, 2021, 14, 3018-3026.	3.6	8
93	Interaction of zirconia with magnesium hydride and its influence on the hydrogen storage behavior of magnesium hydride. International Journal of Hydrogen Energy, 2022, 47, 21760-21771.	3.8	8
94	Surface adsorption of 4,4'-dithiodipyridine and 2,2'-dithiodipyridine on silver nanoparticles. Journal of Raman Spectroscopy, 2003, 34, 350-356.	1.2	7
95	Portable and benchtop Raman spectrometers coupled to cluster analysis to identify quinine sulfate polymorphs in solid dosage forms and antimalarial drug quantification in solution by AuNPs-SERS with MCR-ALS. Analytical Methods, 2020, 12, 2407-2421.	1.3	7
96	A novel supramolecular organic-inorganic adduct containing β -Keggin-type [PW ₁₂ O ₄₀] ³⁻ anions and benzo-15-crown-5 molecules. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m1-m5.	0.2	6
97	Lanthanide compounds containing a benzo-15-crown-5 derivatised [60]fullerene and the related [Tb(H ₂ O) ₃ (NO ₃) ₂ (acac)]·C ₁₄ H ₂₀ O ₅ supramolecular adduct. New Journal of Chemistry, 2004, 28, 1352-1358.	1.4	6
98	FTIR, FT-Raman, SERS spectra and computational calculations of 4-ethyl-2-(2-hydroxy-5-nitrophenyl)benzamide. Journal of Raman Spectroscopy, 2010, 41, 381-390.	1.2	6
99	Novel luminescent materials based on silica doped with an europium(III) complex of 2,6-dihydroxybenzoic acid. Journal of Alloys and Compounds, 2004, 374, 344-348.	2.8	5
100	A lanthanum(III) complex with a lacunary polyoxotungstate: Na ₂ (NH ₄) ₇ [La(W ₅ O ₁₈) ₂]·16H ₂ O. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, i28-i31.	0.2	5
101	Luminescent Carrageenan Hydrogels Containing Lanthanopolyoxometalates. European Journal of Inorganic Chemistry, 2017, 2017, 4976-4981.	1.0	5
102	Pressure-dependent large area synthesis and electronic structure of MoS ₂ . Materials Research Bulletin, 2018, 97, 265-271.	2.7	5
103	Carbamazepine polymorphism: A re-visitation using Raman imaging. International Journal of Pharmaceutics, 2022, 617, 121632.	2.6	5
104	Coordination modes of 3-aminosalicylic and 3-hydroxyanthranilic acids in palladium(II), platinum(II) and rhenium(V) complexes. The crystal structure of cis-[Pt(HsalNH)(PPh ₃) ₂]·0.25C ₂ H ₅ OH. Polyhedron, 2006, 25, 753-758.	1.0	4
105	A new synthetic route for compounds prepared from Keggin heteropolyacids and pyridine derivatives. Inorganica Chimica Acta, 2017, 455, 600-606.	1.2	4
106	Tetrabutylammonium 2,6-dihydroxybenzoate 2,6-dihydroxybenzoic acid solvate. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o506-o508.	0.2	3
107	A new supramolecular organic-inorganic adduct: {[Eu(CH ₃ OH)(H ₂ O) ₈] ₂ [Eu(H ₂ O) ₈][PW ₁₂ O ₄₀] ₃]·8(C ₁₄ H ₂₀ O ₅)·2(C ₂ H ₄ O) ₁₀ ·6(CH ₃ OH)·6(H ₂ O)}. Journal of Molecular Structure, 2011, 989, 80-85.	1.0	3
108	Defect concentration in nitrogen-doped graphene grown on Cu substrate: A thickness effect. Physica B: Condensed Matter, 2017, 513, 62-68.	1.3	3

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109	Biomimetic Graphene/Spongin Scaffolds for Improved Osteoblasts Bioactivity via Dynamic Mechanical Stimulation. <i>Macromolecular Bioscience</i> , 2021, 22, 2100311.	2.1	3
110	Nanostructured Metals in Surface Enhanced Raman Spectroscopy. <i>ChemInform</i> , 2004, 35, no.	0.1	2
111	New Polyoxotungstates with Ln(III) and Co(II) and Their Immobilization in Silica Particles. <i>Materials Science Forum</i> , 2006, 514-516, 1206-1210.	0.3	2
112	Raman and Fluorescence Imaging of Polyoxometalate Composite Agarose Films. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 477-481.	1.0	2
113	Lanthanopolyoxometalate@Silica Core/Shell Nanoparticles as Potential MRI Contrast Agents. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3458-3465.	1.0	2
114	Terbiumpolyoxotungstate Anions as Building Units to Fabricate Nanostructured Films. <i>Materials Science Forum</i> , 2006, 514-516, 1135-1139.	0.3	1
115	Catalytic Performance of Copper-Substituted Polyoxotungstate Materials and X-Ray Structure of a New Sandwich-Type Compound. <i>Materials Science Forum</i> , 0, 587-588, 538-542.	0.3	1
116	Potentialities of polymeric electrospun membranes decorated with silver nanoparticles and graphene oxide for biodetection by SERS. <i>Ciência & Tecnologia Dos Materiais</i> , 2014, 26, 102-107.	0.5	1
117	Functionalized Inorganic Nanoparticles for Magnetic Separation and SERS Detection of Water Pollutants. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3440-3440.	1.0	1
118	Poly[[aqua-1/43-picolinato-1/42-picolinato-dipicolinatopotassium(I)terbium(III)] 2.5-hydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m529-m530.	0.2	1
119	Photoluminescent Materials Based on Silica Doped with Lanthanide Complexes of 4-Formylbenzo-15-Crown-5. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2779-2786.	0.9	0
120	SERS Research Applied to Polymer Based Nanocomposites. , 2018, , .		0