

# Agnese Magnani

## List of Publications by Year in descending order

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154  
papers

3,496  
citations

126907

33  
h-index

197818

49  
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154  
all docs

154  
docs citations

154  
times ranked

4586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Swelling Behavior of Carboxymethylcellulose Hydrogels in Relation to Cross-Linking, pH, and Charge Density. <i>Macromolecules</i> , 2000, 33, 7475-7480.	4.8	232
2	X-ray Detected Magnetic Hysteresis of Thermally Evaporated Terbium Double-Decker Oriented Films. <i>Advanced Materials</i> , 2010, 22, 5488-5493.	21.0	122
3	Photoimmobilization of Sulfated Hyaluronic Acid for Antithrombogenicity. <i>Bioconjugate Chemistry</i> , 1997, 8, 730-734.	3.6	101
4	Protective effect of quercetin and rutin encapsulated liposomes on induced oxidative stress. <i>Biophysical Chemistry</i> , 2018, 233, 55-63.	2.8	75
5	Self-Assembled Organic Radicals on Au(111) Surfaces: A Combined ToF-SIMS, STM, and ESR Study. <i>Langmuir</i> , 2007, 23, 2389-2397.	3.5	73
6	Advances in Single-Molecule Magnet Surface Patterning through Microcontact Printing. <i>Nano Letters</i> , 2005, 5, 1435-1438.	9.1	72
7	Iron release, membrane protein oxidation and erythrocyte ageing. <i>FEBS Letters</i> , 1995, 362, 165-170.	2.8	68
8	Blood-interaction performance of differently sulphated hyaluronic acids. <i>Thrombosis Research</i> , 1996, 81, 383-395.	1.7	67
9	Release studies from smart hydrogels as carriers for piroxicam and copper(II)-oxamic complexes as anti-inflammatory and anti-cancer drugs. X-ray structures of new copper(II)-piroxicam and isoxicam complex molecules. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1862-1873.	3.5	67
10	Conformation of human plasma proteins at polymer surfaces: the effectiveness of surface heparinization. <i>Biomaterials</i> , 1994, 15, 955-962.	11.4	66
11	Chemical characterization of liposomes containing nutraceutical compounds: Tyrosol, hydroxytyrosol and oleuropein. <i>Biophysical Chemistry</i> , 2019, 246, 25-34.	2.8	66
12	Immobilization of Heparin and Highly-Sulphated Hyaluronic Acid onto Plasma-Treated Polyethylene. <i>Plasmas and Polymers</i> , 1998, 3, 77-96.	1.5	60
13	Thermal Deposition of Intact Tetrairon(III) Single-Molecule Magnets in High-Vacuum Conditions. <i>Small</i> , 2009, 5, 1460-1466.	10.0	58
14	PVA/STMP based hydrogels as potential substitutes of human vitreous. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 2491-2500.	3.6	55
15	Fibroblast Cell Behavior on Bound and Adsorbed Fibronectin onto Hyaluronan and Sulfated Hyaluronan Substrates. <i>Biomacromolecules</i> , 2005, 6, 638-645.	5.4	54
16	New platinum-oxamic complexes as anti-cancer drugs. Synthesis, characterization, release studies from smart hydrogels, evaluation of reactivity with selected proteins and cytotoxic activity in vitro. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 799-814.	3.5	50
17	Micropatterned surfaces for the control of endothelial cell behaviour. <i>New Biotechnology</i> , 2002, 19, 161-170.	2.7	48
18	Thermal and optical control of electronic states in a single layer of switchable paramagnetic molecules. <i>Chemical Science</i> , 2015, 6, 2268-2274.	7.4	46

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19	Robust Magnetic Properties of a Sublimable Single-Molecule Magnet. ACS Nano, 2016, 10, 5663-5669.	14.6	46
20	The use of hyaluronan and its sulphated derivative patterned with micrometric scale on glass substrate in melanocyte cell behaviour. Biomaterials, 2003, 24, 915-926.	11.4	45
21	Cell behaviour on chemically microstructured surfaces. Materials Science and Engineering C, 2003, 23, 315-328.	7.3	45
22	Room temperature control of spin states in a thin film of a photochromic iron(II) complex. Materials Horizons, 2018, 5, 506-513.	12.2	43
23	Chemical Waves and Pattern Formation in the 1,2-Dipalmitoyl-sn-glycero-3-phosphocholine/Water Lamellar System. Journal of the American Chemical Society, 2004, 126, 11406-11407.	13.7	42
24	Characterization of nutraceutical components in tomato pulp, skin and ocular gel. European Food Research and Technology, 2019, 245, 907-918.	3.3	41
25	Novel polysaccharide hydrogels: characterization and properties. Polymers for Advanced Technologies, 2000, 11, 488-495.	3.2	40
26	Enriched Gellan Gum hydrogel as visco-supplement. Carbohydrate Polymers, 2020, 227, 115347.	10.2	40
27	Immobilisation of sulphated hyaluronan for improved biocompatibility. Journal of Inorganic Biochemistry, 2000, 79, 119-125.	3.5	38
28	New perspectives in cell communication: Bioelectromagnetic interactions. Seminars in Cancer Biology, 2011, 21, 207-214.	9.6	38
29	Thixotropic PVA hydrogel enclosing a hydrophilic PVP core as nucleus pulposus substitute. Materials Science and Engineering C, 2019, 98, 696-704.	7.3	38
30	In Vitro Biocompatibility of New PVA-Based Hydrogels as Vitreous Body Substitutes. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 555-575.	3.5	37
31	Physico-chemical surface characterization of hyaluronic acid derivatives as a new class of biomaterials. Journal of Biomaterials Science, Polymer Edition, 1993, 4, 245-273.	3.5	36
32	A PVA/PVP hydrogel for human lens substitution: Synthesis, rheological characterization, and <i>in vitro</i> biocompatibility. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2011, 97B, 278-288.	3.4	36
33	Deposition of intact tetrairon(III) single molecule magnet monolayers on gold: an STM, XPS, and ToF-SIMS investigation. Journal of Materials Chemistry, 2010, 20, 187-194.	6.7	35
34	Solution structure of hyaluronic acid oligomers by experimental and theoretical NMR, and molecular dynamics simulation. Biopolymers, 2001, 59, 434-445.	2.4	34
35	Sulphated hyaluronic acids: a chemical and biological characterisation. Polymer International, 1998, 46, 225-240.	3.1	33
36	Effect of resveratrol on platelet aggregation by fibrinogen protection. Biophysical Chemistry, 2017, 222, 41-48.	2.8	32

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37	Increasing photostability and water-solubility of carotenoids: Synthesis and characterization of $\beta$ -carotene-humic acid complexes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 101, 355-361.	3.8	31
38	New hyaluronan derivative with prolonged half-life for ophthalmological formulation. <i>Carbohydrate Polymers</i> , 2012, 88, 799-808.	10.2	31
39	Characterization of archaeological mortars from Herculaneum. <i>Thermochimica Acta</i> , 2016, 624, 86-94.	2.7	31
40	Fibrinogen Conformation and Platelet Reactivity in Relation to Material-Blood Interaction: Effect of Stress Hormones. <i>Biomacromolecules</i> , 2003, 4, 1506-1513.	5.4	30
41	Antigen-antibody recognition by Fourier transform IR spectroscopy/attenuated total reflection studies: Biotin-avidin complex as an example. <i>Biopolymers</i> , 1991, 31, 827-834.	2.4	29
42	Formulation of liposomes functionalized with Lotus lectin and effective in targeting highly proliferative cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 860-870.	2.4	29
43	Enhanced Vapor-Phase Processing in Fluorinated Fe <sub>4</sub> Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2013, 52, 5897-5905.	4.0	28
44	The role of poly electrolytes in the permeability control of insulin: Behavior of poly(N-acryloyl-glycine) grafted on porous cellulose membrane. <i>Journal of Controlled Release</i> , 1991, 17, 79-88.	9.9	27
45	Cu(II) and Zn(II) complexes with hyaluronic acid and its sulphated derivative. <i>Journal of Inorganic Biochemistry</i> , 2000, 81, 229-237.	3.5	27
46	New formulations to enhance lovastatin release from red yeast rice (RZR). <i>Journal of Drug Delivery Science and Technology</i> , 2016, 36, 110-119.	3.0	27
47	States of water, surface and rheological characterisation of a new biohydrogel as articular cartilage substitute. <i>Polymers for Advanced Technologies</i> , 2013, 24, 824-833.	3.2	26
48	<i>Biomass.</i> , 2017, , 3-42.		26
49	Role of the Hyal-Cu (II) Complex on Bovine Aortic and Lymphatic Endothelial Cells Behavior on Microstructured Surfaces. <i>Biomacromolecules</i> , 2005, 6, 212-219.	5.4	25
50	Chemical characterization and antioxidant properties of products and by-products from <i>Olea europaea</i> L.. <i>Food Science and Nutrition</i> , 2019, 7, 2907-2920.	3.4	25
51	Solid Lipid Nanoparticles Produced via a Coacervation Method as Promising Carriers for Controlled Release of Quercetin. <i>Molecules</i> , 2021, 26, 2694.	3.8	25
52	In vitro study of blood-contacting properties and effect on bacterial adhesion of a polymeric surface with immobilized heparin and sulphated hyaluronic acid. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2000, 11, 801-815.	3.5	24
53	Two-step elution of human serum proteins from different glass-modified bioactive surfaces: A comparative proteomic analysis of adsorption patterns. <i>Electrophoresis</i> , 2004, 25, 2413-2424.	2.4	24
54	Continuous multilayered composite hydrogel as osteochondral substitute. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2521-2530.	4.0	24

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55	Development of liposomal formulations to potentiate natural lovastatin inhibitory activity towards 3-hydroxy-3-methyl-glutaryl coenzyme A (HMG-CoA) reductase. Journal of Drug Delivery Science and Technology, 2018, 43, 107-112.	3.0	23
56	Title is missing!. Die Makromolekulare Chemie, 1989, 190, 2627-2638.	1.1	22
57	Influence of Sulfation on Platelet Aggregation and Activation with Differentially Sulfated Hyaluronic Acids. Journal of Thrombosis and Thrombolysis, 1998, 6, 109-115.	2.1	22
58	The influence of molecular weight on the biological activity of heparin like sulphated hyaluronic acids. Biomaterials, 1998, 19, 801-806.	11.4	22
59	Heparinized Polyurethane Surface through Ionic Bonding of Heparin. International Journal of Artificial Organs, 1991, 14, 499-507.	1.4	21
60	Characterization of biomaterial surfaces: ATR-FTIR, potentiometric and calorimetric analysis. Clinical Materials, 1992, 11, 37-51.	0.5	21
61	Ionic and ionizable synthetic polymers:interactions in aqueous solutions. Coordination Chemistry Reviews, 1992, 120, 29-50.	18.8	21
62	Hyaluronic acid and sulfated hyaluronic acid in aqueous solution: effect of the sulfation on the protonation and complex formation with Cu <sup>2+</sup> and Zn <sup>2+</sup> ions. Macromolecular Chemistry and Physics, 1999, 200, 2003-2014.	2.2	21
63	<i>In Vitro</i> and <i>In Vivo</i> Characterization of the New Analgesic Combination Beta-Caryophyllene and Docosahexaenoic Acid. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-12.	1.2	21
64	Tetrairon(III) Single-Molecule Magnet Monolayers on Gold: Insights from ToF-SIMS and Isotopic Labeling. Langmuir, 2014, 30, 8645-8649.	3.5	21
65	Cu <sup>2+</sup> - and Ag <sup>+</sup> -complexes with a hyaluronane-based hydrogel. Journal of Materials Chemistry, 2002, 12, 3084-3092.	6.7	20
66	Stacking interaction study of <i>trans</i> -resveratrol ( <i>trans</i> -3,5,4-trihydroxystilbene) in solution by Nuclear Magnetic Resonance and Fourier Transform Infrared Spectroscopy. Magnetic Resonance in Chemistry, 2008, 46, 625-629.	1.9	20
67	Alginate-gelatin formulation to modify lovastatin release profile from red yeast rice for hypercholesterolemia therapy. Therapeutic Delivery, 2017, 8, 843-854.	2.2	20
68	Different Factors Affecting Human ANP Amyloid Aggregation and Their Implications in Congestive Heart Failure. PLoS ONE, 2011, 6, e21870.	2.5	20
69	ToF-SIMS PCA analysis of Myrtus communis L.. Applied Surface Science, 2009, 255, 7805-7811.	6.1	18
70	Chemical tailoring of Single Molecule Magnet behavior in films of Dy(III) dimers. Applied Surface Science, 2018, 432, 7-14.	6.1	18
71	Poly-vinyl alcohol (PVA) crosslinked by trisodium trimetaphosphate (STMP) and sodium hexametaphosphate (SHMP): Effect of molecular weight, pH and phosphorylating agent on length of spacing arms, crosslinking density and water interaction. Journal of Molecular Structure, 2020, 1202, 127264.	3.6	18
72	Physicochemical characterization and coating of polyurethane with a new heparin-adsorbing material. Biomaterials, 1989, 10, 429-431.	11.4	17

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73	Different protonation behavior of two poly(methacrylic acid) derivatives containing N-acylglycine and N-acyl-L-alanine residues: thermodynamic and FT-IR studies. <i>Macromolecules</i> , 1991, 24, 1249-1252.	4.8	17
74	FTi.r. and potentiometric study of basic polymer behaviour in the free form, in different bulks, in both solid state and aqueous solution. <i>Polymer</i> , 1991, 32, 897-903.	3.8	17
75	Coating of commercially available materials with a new heparinizable material. <i>Journal of Biomedical Materials Research Part B</i> , 1991, 25, 1259-1274.	3.1	17
76	Silicon nitride and oxynitride films deposited from organosilicon plasmas: ToF-AMS characterization with multivariate analysis. <i>Surface and Coatings Technology</i> , 2008, 202, 1606-1614.	4.8	17
77	Combination of static time of flight secondary ion mass spectrometry and infrared reflection-adsorption spectroscopy for the characterisation of a four steps built-up carbohydrate array. <i>Applied Surface Science</i> , 2012, 258, 6302-6315.	6.1	17
78	Vinyl polymers containing amido and carboxylic groups as side substituents: I. Synthesis of N-acryloyl-glycine and N-acryloyl-6-caproic acid and their grafting on cellulose membranes. <i>Polymer</i> , 1989, 30, 1751-1757.	3.8	16
79	Dependence of water uptake and morphology of hyaluronan- and alginate-based hydrogels on pH and degree of crosslinking. <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 1292-1300.	2.2	16
80	Hybrid PVA-xanthan gum hydrogels as nucleus pulposus substitutes. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 681-690.	3.4	16
81	Biological Performance of Materials. , 2000, , 161-183.		15
82	Fibrinogen-Catecholamine Interaction as Observed by NMR and Fourier Transform Infrared Spectroscopy. <i>Biomacromolecules</i> , 2007, 8, 2689-2696.	5.4	14
83	Analytical and structural investigation via infrared spectroscopy and density functional methods of cuprous complexes of the antioxidant tripeptide glutathione (GSH). Synthesis and characterization of a novel Cu I-GSH compound. <i>Inorganica Chimica Acta</i> , 2018, 470, 158-171.	2.4	14
84	Sulfated hyaluronic acid as heparin-like material: physicochemical and biological characterization. <i>Journal of Materials Science: Materials in Medicine</i> , 1994, 5, 830-833.	3.6	13
85	New Biliary Endoprosthesis Less Liable to Block in Biliary Infections: Description and In Vitro Studies. <i>The European Journal of Surgery</i> , 1999, 165, 782-785.	0.9	13
86	The effects of spacer arms in cross-linked hyaluronan hydrogel on Fbg and HSA adsorption and conformation. <i>Polymer</i> , 2002, 43, 3541-3548.	3.8	13
87	Effect of different post-harvest storage conditions and heat treatment on tomatine content in commercial varieties of green tomatoes. <i>Journal of Food Composition and Analysis</i> , 2021, 96, 103735.	3.9	13
88	In situ ATR/FTIR studies of protein adsorption on polymeric materials: effectiveness of surface heparinization. <i>Journal of Materials Science: Materials in Medicine</i> , 1994, 5, 839-843.	3.6	12
89	Surface properties and restructuring of a crosslinked polyurethane-poly(amido-amine) network. <i>Journal of Materials Chemistry</i> , 1995, 5, 1321-1330.	6.7	12
90	Biological performance of two materials based on sulfated hyaluronic acid and polyurethane. <i>Journal of Materials Chemistry</i> , 1999, 9, 2393-2398.	6.7	11

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91	Simulating the active sites of copper-trafficking proteins. Density functional structural and spectroscopy studies on copper(I) complexes with thiols, carboxylato, amide and phenol ligands. <i>Journal of Coordination Chemistry</i> , 2016, 69, 404-424.	2.2	11
92	Homogentisic acid induces morphological and mechanical aberration of ochronotic cartilage in alkaptonuria. <i>Journal of Cellular Physiology</i> , 2019, 234, 6696-6708.	4.1	11
93	Stabilization of an Enantiopure Submonolayer of Helicene Radical Cations on a Au(111) Surface through Noncovalent Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15276-15280.	13.8	11
94	Phosphorylated xanthan gum-Ag(I) complex as antibacterial viscosity enhancer for eye drops formulation. <i>Carbohydrate Polymers</i> , 2021, 267, 118196.	10.2	10
95	Thermodynamic and FT-IR spectroscopic studies on heparin-polycation interaction. <i>Clinical Materials</i> , 1991, 8, 17-23.	0.5	9
96	Structure-property relationships of polyurethane-based materials (PUPA) for applications in biomedicine. <i>Journal of Applied Polymer Science</i> , 1993, 47, 631-643.	2.6	9
97	Metal complexes with linear and crosslinked polysaccharides as mediators of angiogenesis. <i>Polymers for Advanced Technologies</i> , 2001, 12, 271-278.	3.2	9
98	A small heterobifunctional ligand provides stable and water dispersible core-shell CdSe/ZnS quantum dots (QDs). <i>Nanoscale</i> , 2018, 10, 19720-19732.	5.6	9
99	Hyaluronan Graft Copolymers Bearing Fatty-Acid Residues as Self-Assembling Nanoparticles for Olanzapine Delivery. <i>Pharmaceutics</i> , 2019, 11, 675.	4.5	9
100	Kinetics of glucosinolate hydrolysis by myrosinase in Brassicaceae tissues: A high-performance liquid chromatography approach. <i>Food Chemistry</i> , 2021, 355, 129634.	8.2	9
101	Photoacoustic evidence of the formation of a dehydrated surface layer during the initial stages of the dehydration of $\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$ . <i>Reactivity of Solids</i> , 1988, 6, 277-280.	0.3	8
102	ToF-SIMS investigation of ancient ceramics from the Quartaia Site, Tuscany (Italy). <i>Surface and Interface Analysis</i> , 2011, 43, 1108-1119.	1.8	8
103	Evaluation of in vitro cell and blood compatibility and in vivo analgesic activity of plant-derived dietary supplements. <i>Journal of Integrative Medicine</i> , 2019, 17, 213-220.	3.1	8
104	Combined Experimental and Multivariate Model Approaches for Glycoalkaloid Quantification in Tomatoes. <i>Molecules</i> , 2021, 26, 3068.	3.8	8
105	Chemisorption of nitronyl nitroxide radicals on gold surface: an assessment of morphology, exchange interaction and decoherence time. <i>Nanoscale</i> , 2021, 13, 7613-7621.	5.6	8
106	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1992, 193, 2979-2988.	1.1	7
107	Xanthan Gum-Chitosan: Delayed, prolonged, and burst release tablets using same components in different ratio. <i>Advances in Polymer Technology</i> , 2018, 37, 2936-2945.	1.7	7
108	Water content quantification by FTIR in carboxymethyl cellulose food additive. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021, 38, 1629-1635.	2.3	7



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109	Protein Adsorption and Cellular/Tissue Interactions. , 2002, , 669-689.		6
110	Combined use of nuclear magnetic resonance and infrared spectroscopy for studying recognition processes between amphenicolic antibiotics and albumin. Magnetic Resonance in Chemistry, 2003, 41, 489-502.	1.9	6
111	TOFâ€SIMS characterization of pigments and binders in â€the Martyrdom of St. Catherineâ€™, in Zejtun (Malta). Surface and Interface Analysis, 2011, 43, 1152-1159.	1.8	6
112	Thermal and Petrographic Characterization of Herculaneum Wall Plasters. Archaeometry, 2017, 59, 747-761.	1.3	6
113	Thermodynamic and spectroscopic studies on the protonation of an optically active polyampholyte. Macromolecules, 1989, 22, 3138-3143.	4.8	5
114	Effect of Subclinical Hypothyroidism on Body Fluid Compartments. Hormone and Metabolic Research, 2000, 32, 359-363.	1.5	5
115	Grappa quality from the Chianti and Montepulciano areas (Tuscany, Italy): monitoring the leaching of copper from distillation columns. International Journal of Food Science and Technology, 2018, 53, 1558-1565.	2.7	5
116	Ionic Exchange Resins and Hydrogels for Capturing Metal Ions in Selected Sweet Dessert Wines. Molecules, 2018, 23, 2973.	3.8	5
117	Ordering effect of protein surfaces on water dynamics: NMR relaxation study. Biophysical Chemistry, 2019, 249, 106149.	2.8	5
118	Porous multi-layered composite hydrogel as cell substrate for <i>inÂvitro</i> culture of chondrocytes. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 764-773.	3.4	5
119	Varietal and Geographical Origin Characterization of Peaches and Nectarines by Combining Analytical Techniques and Statistical Approach. Molecules, 2021, 26, 4128.	3.8	5
120	Physicochemical Characterization of Hyaluronic Acid and Chitosan Liposome Coatings. Applied Sciences (Switzerland), 2021, 11, 12071.	2.5	5
121	Copper(II) Complex Formation with a Poly(amido) Polymer Containing Optically Active Î±-Alanine Residues. Polymer Journal, 1989, 21, 915-924.	2.7	4
122	Effect of toluene extraction on Biomerâ„¢ surface: I. ESCA, ATR/FTIR, contact angle analysis and biological properties. Journal of Biomaterials Science, Polymer Edition, 1996, 7, 49-60.	3.5	4
123	Metal-ion complexes in the angiogenetic effect. Macromolecular Symposia, 2000, 156, 239-252.	0.7	4
124	SPECTROSCOPIC INVESTIGATION OF THE CONFORMATIONAL PROPERTIES AND SELF-ASSOCIATION BEHAVIOR OF NATURAL COMPOUNDS IN SOLUTION. Spectroscopy Letters, 2002, 35, 581-602.	1.0	4
125	Realisation and chemical characterisation of a model system for saccharide-based biosensor. Thin Solid Films, 2010, 519, 462-470.	1.8	4
126	Comparison of Original and Modern Mortars at the Herculaneum Archaeological Site. Conservation and Management of Archaeological Sites, 2019, 21, 92-112.	0.5	4



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127	Calcium ions hyaluronan/gellan gum protective shell for delivery of oleuropein in the knee. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, , 1-16.	3.4	4
128	Non-Destructive Monitoring of P. fluorescens and S. epidermidis Biofilm under Different Media by Fourier Transform Infrared Spectroscopy and Other Corroborative Techniques. Coatings, 2020, 10, 930.	2.6	4
129	Sodium hyaluronate-g-2-((N-(6-aminohexyl)-4-methoxyphenyl)sulfonamido)-N-hydroxyacetamide with enhanced affinity towards MMP12 catalytic domain to be used as visco-supplement with increased degradation resistance. Carbohydrate Polymers, 2021, 271, 118452.	10.2	4
130	Fourier Transform Attenuated Total Reflection Infrared Spectroscopy (ATR/FT-IR): Application to Proteins Adsorption Studies. , 1993, , 171-184.		4
131	Analytical composition of flours through thermogravimetric and rheological combined methods. Thermochimica Acta, 2022, 711, 179204.	2.7	4
132	Click-Chemistry Cross-Linking of Hyaluronan Graft Copolymers. Pharmaceutics, 2022, 14, 1041.	4.5	4
133	Efficacy of low-dose GnRH analogue (Buserelin) in the treatment of hirsutism. Experimental and Clinical Endocrinology and Diabetes, 1995, 103, 15-20.	1.2	3
134	Different sulphation degree and biological performance of hyaluronic acid as heparin-like molecule. Macromolecular Symposia, 1996, 105, 1-8.	0.7	3
135	An image formation model for Secondary Ion Mass Spectrometry imaging of biological tissue samples. Applied Surface Science, 2010, 257, 1267-1275.	6.1	3
136	Distribution of Gadolinium in Rat Heart Studied by Fast Field Cycling Relaxometry and Imaging SIMS. International Journal of Molecular Sciences, 2019, 20, 1339.	4.1	3
137	Modified low molecular weight poly-vinyl alcohol as viscosity enhancer. Materials Today Communications, 2019, 21, 100634.	1.9	2
138	Metal-Ligand Recognition Index Determination by NMR Proton Relaxation Study. Molecules, 2019, 24, 1050.	3.8	2
139	Solution dynamics of the natural bioactive molecule capsaicin: a relaxation study. Spectroscopy Letters, 2019, 52, 74-79.	1.0	2
140	Advantages and problems using FT-IR spectroscopy to study blood-surface interactions by monitoring the protein adsorption process. , 1991, , 81-86.		2
141	Nanostructured fluids confined into Highly Viscous Polymeric Dispersions as cleaning tools for artifacts: A rheological, SAXS, DSC and TOF-SIMS study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 646, 128968.	4.7	2
142	Structural study of hyaluronic acid oligomers and their complexes with copper in water by NMR and IR and molecular dynamics calculations. Macromolecular Symposia, 1999, 138, 203-208.	0.7	1
143	Biopolymers and Biomacromolecules Solvent Dynamics. Macromolecular Symposia, 2014, 335, 78-85.	0.7	1
144	Antioxidant Species in Grapes and Wines via Spectrophotometric Methods: No Quenching Effects by Copper(II) and Yeast Derivative Treatments. Journal of Chemistry, 2019, 2019, 1-9.	1.9	1

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145	Plasticizers free polyvinyl chloride membrane for metal ions sequestering. Inorganic Chemistry Communication, 2020, 119, 108100.	3.9	1
146	Stabilization of an Enantiopure Submonolayer of Helicene Radical Cations on a Au(111) Surface through Noncovalent Interactions. Angewandte Chemie, 2021, 133, 15404-15408.	2.0	1
147	Synthesis of esters of androgens with unsaturated fatty acids for androgen requiring therapy. Journal of Endocrinological Investigation, 2013, 36, 390-5.	3.3	1
148	Effect of Flaking and Precooking Procedures on Antioxidant Potential of Selected Ancient Cereal and Legume Flours. Foods, 2022, 11, 1592.	4.3	1
149	<title>FTIR characterization of heparinizable polymer-coated materials for application in biomedicine</title>. , 1992, 1575, 461.		0
150	Structural characterisation of a new heparinisable material based on ethylene/vinyl alcohol/vinyl acetate terpolymer and a poly(amido-amine). Macromolecular Chemistry and Physics, 1995, 196, 2123-2138.	2.2	0
151	QCM Biosensors for the Detection of Tumor Released Exosomes. , 2016, , .		0
152	Thermodynamic analysis of ethanol reforming for hydrogen production. , 2017, , 187-216.		0
153	Reactivity of CORM [RuI(CO)3Cl2{N-(N1-methylbenzimidazole)}] with aminoacids. Synthesis, and analytical and structural study for the new binuclear cis-[RuI(CO)2(N-MBI)( $\frac{1}{4}$ 2-O,O-BAL)]2 sawhorse complex at solid state and in solution. Journal of Molecular Structure, 2019, 1184, 479-486.	3.6	0
154	Characterization of Biomaterial Surfaces: ATR-FTIR, Potentiometric and Calorimetric Analysis. , 1992, 11, 37-51.		0