

Giovanna Bruni

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8118556/giovanna-bruni-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

2,814
citations

28
h-index

44
g-index

158
ext. papers

3,264
ext. citations

4.3
avg, IF

5.02
L-index

#	Paper	IF	Citations
153	Copper-containing mesoporous bioactive glass nanoparticles as multifunctional agent for bone regeneration. <i>Acta Biomaterialia</i> , 2017 , 55, 493-504	10.8	158
152	Polyvinyl alcohol/chitosan hydrogels with enhanced antioxidant and antibacterial properties induced by lignin nanoparticles. <i>Carbohydrate Polymers</i> , 2018 , 181, 275-284	10.3	156
151	Programmable 3D silk bone marrow niche for platelet generation ex vivo and modeling of megakaryopoiesis pathologies. <i>Blood</i> , 2015 , 125, 2254-64	2.2	113
150	Halloysite and chitosan oligosaccharide nanocomposite for wound healing. <i>Acta Biomaterialia</i> , 2017 , 57, 216-224	10.8	99
149	Synthesis and characterization of strontium-substituted hydroxyapatite nanoparticles for bone regeneration. <i>Materials Science and Engineering C</i> , 2017 , 71, 653-662	8.3	84
148	Drug-Excipient Compatibility Studies. Search of interaction indicators. <i>Magyar Áprilad Közlönyek</i> , 2002 , 68, 561-573	0	68
147	MgNiTi mixtures for hydrogen storage: A kinetic study. <i>Intermetallics</i> , 2010 , 18, 203-211	3.5	57
146	Effect of mechanical milling on solid state formation of BaTiO ₃ from BaCO ₃ ∕TiO ₂ (rutile) mixtures. <i>Thermochimica Acta</i> , 2001 , 374, 151-158	2.9	56
145	Stem cell-extracellular vesicles as drug delivery systems: New frontiers for silk/curcumin nanoparticles. <i>International Journal of Pharmaceutics</i> , 2017 , 520, 86-97	6.5	54
144	Effect of mechanical activation on the preparation of SrTiO ₃ and Sr ₂ TiO ₄ ceramics from the solid state system SrCO ₃ ∕TiO ₂ . <i>Journal of Alloys and Compounds</i> , 2001 , 329, 230-238	5.7	54
143	Influence of the nanofiber chemistry and orientation of biodegradable poly(butylene succinate)-based scaffolds on osteoblast differentiation for bone tissue regeneration. <i>Nanoscale</i> , 2018 , 10, 8689-8703	7.7	50
142	Thermodynamic and Kinetic Investigations on Pure and Doped NaBH ₄ ∕MgH ₂ System. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 3151-3162	3.8	45
141	Design of copolymer PLA-PCL electrospun matrix for biomedical applications. <i>Reactive and Functional Polymers</i> , 2018 , 124, 77-89	4.6	44
140	Metal Nanoparticles Embedded in Cellulose Nanocrystal Based Films: Material Properties and Post-use Analysis. <i>Biomacromolecules</i> , 2018 , 19, 2618-2628	6.9	44
139	Drug-excipient compatibility studies by physico-chemical techniques; The case of Atenolol. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003 , 73, 547-561	4.1	43
138	Alpha tocopherol loaded chitosan oleate nanoemulsions for wound healing. Evaluation on cell lines and ex vivo human biopsies, and stabilization in spray dried Trojan microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 123, 31-41	5.7	42
137	Thermal decomposition of gallium nitrate hydrate Ga(NO ₃) ₃ ∕H ₂ O. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005 , 82, 401-407	4.1	41

136	Novel composite polybenzimidazole-based proton exchange membranes as efficient and sustainable separators for microbial fuel cells. <i>Journal of Power Sources</i> , 2017 , 348, 57-65	8.9	39
135	Drug-excipient compatibility studies by physico-chemical techniques; The case of Indomethacin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003 , 73, 529-545	4.1	38
134	Dehydration of the cyclodextrins: A model system for the interactions of biomolecules with water. <i>Journal of Chemical Physics</i> , 1995 , 103, 7532-7540	3.9	38
133	Chitosan/Glycosaminoglycan Scaffolds: The Role of Silver Nanoparticles to Control Microbial Infections in Wound Healing. <i>Polymers</i> , 2019 , 11,	4.5	37
132	Preparation and physicochemical characterization of acyclovir cocrystals with improved dissolution properties. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 4079-86	3.9	35
131	Drug-excipient compatibility studies in binary and ternary mixtures by physico-chemical techniques. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 102, 193-201	4.1	35
130	Influence of extrusion-spheronization processing on the physical properties of d-Indobufen pellets containing pH adjusters. <i>Drug Development and Industrial Pharmacy</i> , 1992 , 18, 1485-1503	3.6	35
129	Cellulose nanocrystals as templates for cetyltrimethylammonium bromide mediated synthesis of Ag nanoparticles and their novel use in PLA films. <i>Carbohydrate Polymers</i> , 2017 , 157, 1557-1567	10.3	33
128	Study on hydrophilicity and degradability of chitosan/poly(lactide-co-poly(ε-caprolactone) nanofibre blend electrospun membrane. <i>Carbohydrate Polymers</i> , 2018 , 199, 150-160	10.3	33
127	Hydrogen storage in magnesium-metal mixtures: Reversibility, kinetic aspects and phase analysis. <i>Journal of Alloys and Compounds</i> , 2008 , 465, 396-405	5.7	33
126	d-Indobufen Extended-Release Pellets Prepared by Coating with Aqueous Polymer Dispersions. <i>Drug Development and Industrial Pharmacy</i> , 1993 , 19, 2021-2041	3.6	29
125	In Vitro Effectiveness of Microspheres Based on Silk Sericin and <i>Chlorella vulgaris</i> or <i>Arthrospira platensis</i> for Wound Healing Applications. <i>Materials</i> , 2017 , 10,	3.5	26
124	Design of smart GE11-PLGA/PEG-PLGA blend nanoparticulate platforms for parenteral administration of hydrophilic macromolecular drugs: synthesis, preparation and in vitro/ex vivo characterization. <i>International Journal of Pharmaceutics</i> , 2016 , 511, 1112-23	6.5	26
123	Release Profile of Gentamicin Sulfate from Poly(lactide-co-poly(ε-caprolactone) Electrospun Nanofiber Matrices. <i>Pharmaceutics</i> , 2019 , 11,	6.4	24
122	Silicon-doped LiNi _{0.5} Mn _{1.5} O ₄ as a high-voltage cathode for Li-ion batteries. <i>Solid State Ionics</i> , 2018 , 320, 1-6	3.3	23
121	Wool fibril sponges with perspective biomedical applications. <i>Materials Science and Engineering C</i> , 2016 , 61, 42-50	8.3	23
120	Research Papers: Preparation of Indobufen Pellets by Using Centrifugal Rotary Fluidized Bed Equipment Without Starting Seeds. <i>Drug Development and Industrial Pharmacy</i> , 1994 , 20, 1943-1956	3.6	22
119	Electrochemical Study of Na ₂ Fe _{1-x} Mn _x P ₂ O ₇ (x = 0, 0.25, 0.5, 0.75, 1) as Cathode Material for Rechargeable Na-Ion Batteries. <i>Batteries</i> , 2016 , 2, 1	5.7	22

118	Coated electrospun alginate-containing fibers as novel delivery systems for regenerative purposes. <i>International Journal of Nanomedicine</i> , 2018 , 13, 6531-6550	7.3	22
117	Determination of the nateglinide polymorphic purity through DSC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 54, 1196-9	3.5	21
116	TG/FT-IR: an analysis of the conditions affecting the combined TG/spectral response. <i>Thermochimica Acta</i> , 1995 , 258, 125-133	2.9	21
115	Electrospun Alginate Fibers: Mixing of Two Different Poly(ethylene oxide) Grades to Improve Fiber Functional Properties. <i>Nanomaterials</i> , 2018 , 8,	5.4	21
114	Design of 3D scaffolds for tissue engineering testing a tough polylactide-based graft copolymer. <i>Materials Science and Engineering C</i> , 2014 , 34, 130-9	8.3	20
113	The use of beta-cyclodextrin as a pelletization agent in the extrusion/spheronization process. <i>Drug Development and Industrial Pharmacy</i> , 1998 , 24, 869-73	3.6	20
112	Improving the Carprofen Solubility: Synthesis of the ZnAl-LDH Hybrid Compound. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 267-272	3.9	19
111	Electrospun fibers as potential carrier systems for enhanced drug release of perphenazine. <i>International Journal of Pharmaceutics</i> , 2016 , 511, 190-197	6.5	19
110	Hydrogen evolution reaction in PTFE bonded Raney-Ni electrodes. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 7816-7821	6.7	19
109	Ether-Oxygen Containing Electrospun Microfibrous and Sub-Microfibrous Scaffolds Based on Poly(butylene 1,4-cyclohexanedicarboxylate) for Skeletal Muscle Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	19
108	Polyurethane-Based Composites: Effects of Antibacterial Fillers on the Physical-Mechanical Behavior of Thermoplastic Polyurethanes. <i>Polymers</i> , 2020 , 12,	4.5	18
107	Perphenazine fumaric acid salts with improved solubility: preparation, physico-chemical characterization and in vitro dissolution. <i>CrystEngComm</i> , 2012 , 14, 6035	3.3	18
106	Thermodynamic relationships between nateglinide polymorphs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 764-70	3.5	18
105	Synergetic effect of C (graphite) and Nb ₂ O ₅ on the H ₂ sorption properties of the Mg/MgH ₂ system. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 9027-9037	6.7	18
104	Mechanical activation of the solid-phase reaction between bismuth citrate and iron(II) oxalate dihydrate to yield BiFeO ₃ . <i>Ceramics International</i> , 2015 , 41, 7216-7220	5.1	17
103	Improvement of the dissolution behavior of gliclazide, a slightly soluble drug, using solid dispersions. <i>Journal of Drug Delivery Science and Technology</i> , 2015 , 26, 17-23	4.5	17
102	Engineered polymeric microspheres obtained by multi-step method as potential systems for transarterial embolization and intraoperative imaging of HCC: Preliminary evaluation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 117, 160-167	5.7	16
101	Fabrication, Physico-Chemical, and Pharmaceutical Characterization of Budesonide-Loaded Electrospun Fibers for Drug Targeting to the Colon. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 3798-3803	3.0	16

100	Physico-chemical characterization of anhydrous D-mannitol. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009 , 95, 871-876	4.1	16
99	Effect of C (graphite) doping on the H ₂ sorption performance of the Mg-Ni storage system. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 1285-1295	6.7	16
98	Thermogravimetric study of the dehydration process of β -cyclodextrin: comparison between conventional and high-resolution TGA. <i>Thermochimica Acta</i> , 1998 , 322, 137-151	2.9	16
97	Evaluation of capillary chromatographic supports for immobilized human purine nucleoside phosphorylase in frontal affinity chromatography studies. <i>Journal of Chromatography A</i> , 2014 , 1338, 77-84	4.5	15
96	I. Technological approaches to improve the dissolution behavior of nateglinide, a lipophilic insoluble drug: nanoparticles and co-mixing. <i>International Journal of Pharmaceutics</i> , 2013 , 454, 562-7	6.5	15
95	Preparation and characterization of carprofen co-crystals. <i>CrystEngComm</i> , 2012 , 14, 435-445	3.3	15
94	Solid state synthesis of CuFe ₂ O ₄ from Cu(OH) ₂ · CuCO ₃ · Fe ₂ O ₄ · 2H ₂ O mixtures: mechanism of reaction and thermal characterization of CuFe ₂ O ₄ . <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 99, 437-442	4.1	15
93	Mechanochemical synthesis of bumetanide-4-aminobenzoic acid molecular cocrystals: a facile and green approach to drug optimization. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 9180-90	3.4	14
92	Solid-state characterization of tacrine hydrochloride. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 63, 53-61	3.5	14
91	II. Technological approaches to improve the dissolution behavior of nateglinide, a lipophilic insoluble drug: co-milling. <i>International Journal of Pharmaceutics</i> , 2013 , 454, 568-72	6.5	14
90	Solid state reaction study in the systems Li ₂ CO ₃ · Fe ₂ O ₄ · 2H ₂ O and Li ₂ CO ₃ · Fe ₂ (C ₂ O ₄) ₃ · 6H ₂ O. <i>Thermochimica Acta</i> , 2000 , 346, 115-132	2.9	14
89	Physico-chemical characterisation of different solid forms of spironolactone. <i>Thermochimica Acta</i> , 1999 , 340-341, 117-129	2.9	14
88	Hybrid compounds for improving drugs solubility: Synthesis, physico-chemical and pharmaceutical characterization of Nimesulide-LDH. <i>Journal of Solid State Chemistry</i> , 2019 , 272, 131-137	3.3	13
87	Synthesis and characterisation of functionalized borosilicate nanoparticles for boron neutron capture therapy applications. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 64, 358-366	2.3	13
86	New solid modifications of nateglinide. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 51, 1054-9	4.9	13
85	Quantification of drug amorphous fraction by DSC. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 89, 761-766	4.1	13
84	Thermoanalytical and Spectroscopic Characterization of Solid State Dipyridamole. <i>Magyar Árvad Kémlelő</i> , 2002 , 68, 413-422	0	13
83	Solid-state microcalorimetry on drug-cyclodextrin binary systems. <i>Journal of Thermal Analysis</i> , 1992 , 38, 2683-2691		13

82	Crystalline and amorphous phases of a new drug. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 102, 297-303	4.1	12
81	Thermoanalytical and spectroscopic characterisation of solid-state retinoic acid. <i>International Journal of Pharmaceutics</i> , 2001 , 221, 123-41	6.5	12
80	Physicochemical study of the solid forms of a new drug. <i>Journal of Pharmaceutical Sciences</i> , 2001 , 90, 2131-40	3.9	12
79	Tissue Engineered Esophageal Patch by Mesenchymal Stromal Cells: Optimization of Electrospun Patch Engineering. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
78	Synthesis and magnetic properties of ZnFe ₂ O ₄ obtained by mechanochemically assisted low-temperature annealing of mixtures of Zn and Fe oxalates. <i>Thermochimica Acta</i> , 2006 , 447, 184-189	2.9	11
77	Synthesis and characterization of LaFeO ₃ powders prepared by a mixed mechanical/thermal processing route. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 133, 413-419	4.1	11
76	Preliminary investigation on a new natural based poly(gamma-glutamic acid)/Chitosan bioink. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 2718-2732	3.5	10
75	Combining Biologically Active β -Lactams Integrin Agonists with Poly(L-lactic acid) Nanofibers: Enhancement of Human Mesenchymal Stem Cell Adhesion. <i>Biomacromolecules</i> , 2020 , 21, 1157-1170	6.9	10
74	Influence of Dissolution Media and Presence of Alcohol on the In Vitro Performance of Pharmaceutical Products Containing an Insoluble Drug. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 507-511	3.9	10
73	Thermal, spectroscopic, and ab initio structural characterization of carprofen polymorphs. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 2321-32	3.9	10
72	Synthesis of YFeO ₃ by thermal decomposition of mechanically activated mixtures Y(CH ₃ COO) ₃ ·4H ₂ O/FeC ₂ O ₄ ·2H ₂ O. <i>Thermochimica Acta</i> , 2011 , 521, 218-223	2.9	10
71	A preliminary study on the morphological and release properties of hydroxyapatite-alendronate composite materials. <i>Journal of Microencapsulation</i> , 2011 , 28, 395-405	3.4	10
70	Thermal study of water/ β -cyclodextrin interactions. <i>Solid State Ionics</i> , 1993 , 63-65, 358-362	3.3	10
69	In Vitro Production of Calcified Bone Matrix onto Wool Keratin Scaffolds via Osteogenic Factors and Electromagnetic Stimulus. <i>Materials</i> , 2020 , 13,	3.5	10
68	Enhancing the Pharmaceutical Behavior of Nateglinide by Cocrystallization: Physicochemical Assessment of Cocrystal Formation and Informed Use of Differential Scanning Calorimetry for Its Quantitative Characterization. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 1529-1539	3.9	10
67	Graphene Nanoplatelets for the Development of Reinforced PLA-PCL Electrospun Fibers as the Next-Generation of Biomedical Mats. <i>Polymers</i> , 2020 , 12,	4.5	9
66	Solid state synthesis of stoichiometric LiCoO ₂ from mechanically activated CoLi ₂ CO ₃ mixtures. <i>Materials Chemistry and Physics</i> , 2006 , 100, 251-256	4.4	9
65	A Novel Method to Obtain a β -Cyclodextrin Inclusion Compound by Solid State Reaction: the Ketoprofen Case Revisited. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999 , 35, 517-530		9

64	Dehydration of Cyclodextrin: facts and opinions. <i>Thermochimica Acta</i> , 1996 , 279, 27-33	2.9	9
63	Probenecid and benzamide: cocrystal prepared by a green method and its physico-chemical and pharmaceutical characterization. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 140, 1859-1869	4.1	9
62	The Effect of Process Parameters on Alignment of Tubular Electrospun Nanofibers for Tissue Regeneration Purposes. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 58, 101781	4.5	9
61	Stability Evaluation of Ivermectin-Loaded Biodegradable Microspheres. <i>AAPS PharmSciTech</i> , 2015 , 16, 1129-39	3.9	8
60	Multicomponent crystals of gliclazide and tromethamine: preparation, physico-chemical, and pharmaceutical characterization. <i>Drug Development and Industrial Pharmacy</i> , 2018 , 44, 243-250	3.6	8
59	The combined effect of mechanical and thermal energy on the solid-state formation of NiFe ₂ O ₄ from the system 2NiCO ₃ ·Ni(OH) ₂ ·4H ₂ O·FeC ₂ O ₄ ·2H ₂ O. <i>Thermochimica Acta</i> , 2008 , 469, 86-90	2.9	8
58	Physico-chemical characterization of a novel tricyclic beta-lactam antibiotic. <i>Journal of Pharmaceutical Sciences</i> , 2000 , 89, 232-40	3.9	8
57	Thermoanalytical and spectroscopic characterization of Cyclodextrin/ketoprofen inclusion complexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1995 , 22, 221-234		8
56	Solid-state study of Captopril and Metoprolol Tartrate binary system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 120, 829-837	4.1	7
55	Compatibility of paroxetine hydrochloride and GW597599B. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012 , 108, 381-388	4.1	7
54	Synthesis of Li ₂ SnO ₃ by solid state reaction and characterization by TG/DSC, XRPD, and MTDSC. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 113, 763-767	4.1	7
53	An experimental and theoretical investigation of loperamide hydrochloride-glutaric acid cocrystals. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 8113-21	3.4	7
52	Thermal analysis of the Dehydration process of cross-linked Polyvinylpyrrolidone and its mixtures with Naproxen. <i>Drug Development and Industrial Pharmacy</i> , 1994 , 20, 2215-2225	3.6	7
51	Synthesis of calcium metastannate (CaSnO ₃) by solid state reactions in mechanically activated mixtures calcium citrate tetra hydrate [Ca ₃ (C ₆ H ₅ O ₇) ₂ ·4H ₂ O] ·Lin(II) oxalate (SnC ₂ O ₄). <i>Thermochimica Acta</i> , 2015 , 608, 59-64	2.9	6
50	Improvement of the Firocoxib Dissolution Performance Using Electrospun Fibers Obtained from Different Polymer/Surfactant Associations. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
49	Preparation and characterization of an advanced medical device for bone regeneration. <i>AAPS PharmSciTech</i> , 2014 , 15, 75-82	3.9	6
48	Long-term effect of gamma irradiation on the functional properties and cytocompatibility of multiblock co-polymer films. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012 , 23, 2223-40	3.5	6
47	Reactivity and hydrogen storage performances of magnesium·nickel·copper ternary mixtures prepared by reactive mechanical grinding. <i>International Journal of Hydrogen Energy</i> , 2008 , 33, 4593-4606	6.7	6

46	Thermal Decomposition and Melting of A New Carboxyindole Derivative. <i>Magyar Árvad Kélemyek</i> , 2002 , 68, 389-396	0	6
45	Thermodynamics of a complex melting process: the case of spironolactone. <i>Thermochemica Acta</i> , 2001 , 374, 171-184	2.9	6
44	Physico-Chemical Characterization of Drugs and Drug Forms in the Solid State. <i>Anti-Infective Agents in Medicinal Chemistry</i> , 2003 , 2, 303-321		6
43	Biocompatible PBS-based copolymer for soft tissue engineering: Introduction of disulfide bonds as winning tool to tune the final properties. <i>Polymer Degradation and Stability</i> , 2020 , 182, 109403	4.7	6
42	Physico-chemical study of norfloxacin and metronidazole binary mixtures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 132, 1095-1103	4.1	5
41	Synthesis of Bi ₄ Ti ₃ O ₁₂ by high energy milling of Bi ₂ O ₃ ∕TiO ₂ (anatase) mixtures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 126, 1507-1511	4.1	5
40	Data in support of Gallium (Ga(3+)) antibacterial activities to counteract E. coli and S. epidermidis biofilm formation onto pro-osteointegrative titanium surfaces. <i>Data in Brief</i> , 2016 , 6, 758-62	1.2	5
39	Mechanochemical Synthesis of SrSnO ₃ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014 , 69, 313-320	1	5
38	Cathode materials (NiO∕Fe ₂ O ₃ ∕Co ₂ O ₃) for molten carbonate fuel cell: A diffraction, NMR and conductivity study. <i>Solid State Ionics</i> , 2006 , 177, 1893-1896	3.3	5
37	Polyurethane-Based Coatings with Promising Antibacterial Properties. <i>Materials</i> , 2020 , 13,	3.5	5
36	Zinc Based Metal-Organic Frameworks as Ofloxacin Adsorbents in Polluted Waters: ZIF-8 vs. Zn(BTC). <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	5
35	The peculiar dissolution behaviour of Piretanide hosted in layered double hydroxides. <i>Applied Clay Science</i> , 2020 , 198, 105826	5.2	4
34	Quantification methods of amorphous/crystalline fractions in high-energy ball milled pharmaceutical products. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012 , 108, 235-241	4.1	4
33	Mechanochemical Solid-state Synthesis of Cobalt(II) Ferrite and Determination of its Heat Capacity by MTSC. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010 , 65, 1434-1438	1	4
32	The Effect of Mechanical Activation on the Synthesis of MgFe ₂ O ₄ from Mixtures of MgCO ₃ ∕Mg(OH) ₂ ∙xH ₂ O and FeC ₂ O ₄ ∙2H ₂ O. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008 , 63, 1052-1056	1	4
31	Solid-state characterization of a novel chemotherapeutic drug. <i>Journal of Pharmaceutical Sciences</i> , 2003 , 92, 577-84	3.9	4
30	Meloxicam-LDH Hybrid Compound: A Successful Strategy to Improve Solubility. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 637-648	3.2	4
29	Structure and properties of domperidone and its succinate salt. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013 , 69, 362-70	1.8	3

28	Mechanically assisted solid state synthesis of Mg ₂ SnO ₄ . <i>Journal of Thermal Analysis and Calorimetry</i> , 2012 , 110, 831-837	4.1	3
27	Preliminary evaluation of particle systems visualization on the skin surface by scanning electron microscopy and transparency profilometry. <i>Skin Research and Technology</i> , 2012 , 18, 45-54	1.9	3
26	Solid-state Reaction Study on Physically and Tribochemically Prepared BaC ₂ O ₄ -SnC ₂ O ₄ Mixtures. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2012 , 67, 667-672	1	3
25	Solid state formation of calcium ferrites from thermal decomposition of mixtures Ca ₃ (C ₆ H ₅ O ₇) ₂ ·4H ₂ O/Be ₂ (C ₂ O ₄) ₃ ·6H ₂ O. <i>Journal of Analytical and Applied Pyrolysis</i> , 2008 , 82, 255-259	6	3
24	Solid State Synthesis of CaMnO ₃ from CaCO ₃ -MnCO ₃ Mixtures by Mechanical Energy. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006 , 61, 281-286	1	3
23	Hydration, stability, and phase transformations of a new antitumor drug. <i>Journal of Pharmaceutical Sciences</i> , 2004 , 93, 2222-31	3.9	3
22	Mechanochemically assisted solid-state synthesis of lithium gallates (LiGa ₅ O ₈ and LiGaO ₂). <i>Materials Chemistry and Physics</i> , 2005 , 91, 180-184	4.4	3
21	MTDSC Calibration Dependence of the Instrumental Response Upon Experimental Conditions. <i>Magyar Áprilad Közlemények</i> , 1999 , 56, 699-715	0	3
20	Tableted hydrophilic electrospun nanofibers to promote meloxicam dissolution rate. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 102878	4.5	3
19	Microfluidic-assisted synthesis of multifunctional iodinated contrast agent polymeric nanoplatforms. <i>International Journal of Pharmaceutics</i> , 2021 , 599, 120447	6.5	3
18	Tubular Electrospun Vancomycin-Loaded Vascular Grafts: Formulation Study and Physicochemical Characterization. <i>Polymers</i> , 2021 , 13,	4.5	3
17	Tablet Formulations of Polymeric Electrospun Fibers for the Controlled Release of Drugs with pH-Dependent Solubility. <i>Polymers</i> , 2022 , 14, 2127	4.5	3
16	Febantel: looking for new polymorphs. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 130, 1605-1612	4.1	2
15	Glucose-assisted synthesis and wet-chemistry preparation of pyrophosphate cathodes for rechargeable Na-ion batteries. <i>RSC Advances</i> , 2016 , 6, 99735-99742	3.7	2
14	Mechano-thermally Activated Solid-state Synthesis of Li ₄ Ti ₅ O ₁₂ Spinel from Li ₂ CO ₃ -TiO ₂ Mixtures. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010 , 65, 23-26	1	2
13	Thermodynamics of water/β-cyclodextrin system. <i>Journal of Theoretical Biology</i> , 1997 , 50, 137-144	2.3	2
12	Electrospun tubular vascular grafts to replace damaged peripheral arteries: A preliminary formulation study. <i>International Journal of Pharmaceutics</i> , 2021 , 596, 120198	6.5	2
11	Physico-chemical and pharmaceutical characterization of sulindac/roglumide binary system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 136, 2063-2070	4.1	2

10	An Comparison Study Between Strontium Nanoparticles and rhBMP2. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 499	5.8	1
9	Solid State Reaction Study Of The System Co-Li ₂ CO ₃ . <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1996 , 51, 813-820	1.4	1
8	A Design of Experiment (DOE) approach to correlate PLA-PCL electrospun fibers diameter and mechanical properties for soft tissue regeneration purposes. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 68, 103060	4.5	1
7	Investigation on the gemological, physical and compositional properties of some green opals from Eastern Rhodopes, Bulgaria. <i>Rendiconti Lincei</i> , 2020 , 31, 153-163	1.7	1
6	New Emerging Inorganic/Organic Systems for Drug-Delivery: Hydroxyapatite@Furosemide Hybrids. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 1	3.2	1
5	Combined Layer-by-Layer/Hydrothermal Synthesis of FeO@MIL-100(Fe) for Ofloxacin Adsorption from Environmental Waters.. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
4	Probenecid and benzamide: DSC applied to the study of an [impossible] pharmaceutical system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 145, 391-402	4.1	0
3	Zaltoprofen/4,4'-Bipyridine: A Case Study to Demonstrate the Potential of Differential Scanning Calorimetry (DSC) in the Pharmaceutical Field. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 3690-3701 ³⁻⁹	3.9	0
2	Shape memory engineered scaffold (SMES) for potential repair of neural tube defects. <i>Reactive and Functional Polymers</i> , 2022 , 173, 105223	4.6	0
1	Synthesis of LaCoO ₃ powder by a combined mechanical/thermal process. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018 , 73, 719-724	1	