

# Xenia Filip

## List of Publications by Year in descending order

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40  
papers

578  
citations

623734

14  
h-index

642732

23  
g-index

40  
all docs

40  
docs citations

40  
times ranked

820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ketoconazole Salt and Co-crystals with Enhanced Aqueous Solubility. <i>Crystal Growth and Design</i> , 2013, 13, 4295-4304.	3.0	78
2	Cytotoxicity assessment of graphene-based nanomaterials on human dental follicle stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 791-798.	5.0	51
3	NMR crystallography methods to probe complex hydrogen bonding networks: application to structure elucidation of anhydrous quercetin. <i>CrystEngComm</i> , 2013, 15, 4131.	2.6	41
4	Spin dynamics under magic angle spinning by Floquet formalism. <i>Molecular Physics</i> , 1997, 92, 757-772.	1.7	36
5	Ketoconazole- <i>p</i> -aminobenzoic Acid Cocrystal: Revival of an Old Drug by Crystal Engineering. <i>Molecular Pharmaceutics</i> , 2020, 17, 919-932.	4.6	30
6	CHHC and $^1\text{H}$ magnetization exchange: Analysis by experimental solid-state NMR and 11-spin density-matrix simulations. <i>Journal of Magnetic Resonance</i> , 2009, 199, 173-187.	2.1	29
7	Thermal probe self-calibration in ac scanning thermal microscopy. <i>Superlattices and Microstructures</i> , 2004, 35, 305-314.	3.1	28
8	Heteronuclear decoupling under fast MAS by a rotor-synchronized Hahn-echo pulse train. <i>Journal of Magnetic Resonance</i> , 2005, 176, 239-243.	2.1	28
9	Testing the limits of sensitivity in a solid-state structural investigation by combined X-ray powder diffraction, solid-state NMR, and molecular modelling. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17978.	2.8	27
10	AN APPLICATION OF THE FRONT PHOTOPYROELECTRIC TECHNIQUE FOR MEASURING THE THERMAL EFFUSIVITY OF SOME FOODS. <i>Instrumentation Science and Technology</i> , 2002, 30, 157-165.	1.8	22
11	Can the conformation of flexible hydroxyl groups be constrained by simple NMR crystallography approaches? The case of the quercetin solid forms. <i>Solid State Nuclear Magnetic Resonance</i> , 2015, 65, 21-28.	2.3	20
12	Distinct Disordered Forms of Promethazine Hydrochloride: A Case of Intergrowth of Polymorphic Domains?. <i>Crystal Growth and Design</i> , 2012, 12, 5846-5851.	3.0	19
13	Optimizing structure determination from powders of crystalline organic solids with high molecular flexibility: the case of lisinopril dihydrate. <i>CrystEngComm</i> , 2014, 16, 299-303.	2.6	17
14	Optimized multi-step NMR-crystallography approach for structural characterization of a stable quercetin solvate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 138, 22-28.	2.8	14
15	Poly(benzofuran-co-arylacetic acid) – a new type of highly functionalized polymers. <i>Polymer Chemistry</i> , 2017, 8, 3504-3514.	3.9	14
16	Clean production of new functional coatings of magnetic nanoparticles from sustainable resources. <i>Journal of Cleaner Production</i> , 2019, 210, 687-696.	9.3	12
17	Structure of <i>N</i> -(5-ethyl-[1,3,4]-thiadiazole-2-yl)toluenesulfonamide by combined X-ray powder diffraction, $^{13}\text{C}$ solid-state NMR and molecular modelling. <i>Acta Crystallographica Section B: Structural Science</i> , 2010, 66, 615-621.	1.8	11
18	Highly sensitive solid forms discrimination on the whole tablet of the active ingredients in quercetin dietary supplements by NMR crystallography approaches. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 274-280.	2.8	11

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19	Solid-state compatibility studies of Ketoconazole-Fumaric acid co-crystal with tablet excipients. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 3499-3506.	3.6	11
20	Polarization transfer from remote protons in $^{13}\text{C}$ CP/MAS. <i>Journal of Magnetic Resonance</i> , 2006, 183, 68-76.	2.1	10
21	Spectroscopic and physical-chemical characterization of ambazone-glutamate salt. <i>Spectroscopy</i> , 2011, 26, 115-128.	0.8	8
22	Spin dynamics investigated by EPR in the paramagnetic regime of $\text{La}_{2/3}\text{Ca}_{1/3}\text{Mn}_{1-x}\text{Me}_x\text{O}_3$ (Me = Al, In) manganites. <i>Applied Magnetic Resonance</i> , 2003, 24, 351-360.	1.2	7
23	Crystal Structure and Desolvation Behaviour of the Tadalafil Monosolvates with Acetone and Methyl Ethyl Ketone. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3782-3788.	3.3	7
24	Poly[3,4-dihydroxybenzhydrazide]: A Polydopamine Analogue?. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700564.	2.2	7
25	Hydrogen-Mediated Noncovalent Interactions in Solids: What Can NMR Crystallography Tell About?. <i>Molecules</i> , 2020, 25, 3757.	3.8	7
26	Influence of the Grain Size on Polaron Transport in Nanostructured $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ Evidenced by EPR. <i>Acta Physica Polonica A</i> , 2005, 108, 113-118.	0.5	6
27	Dipolar and J Encoded DQ MAS Spectra under Rotational Resonance. <i>Journal of Magnetic Resonance</i> , 2001, 150, 184-193.	2.1	5
28	A low energy source for production of $\text{CH}_3$ , $\text{CN}$ and other free radicals: IRMPD of di and trimethylamine molecules. <i>Applied Surface Science</i> , 1996, 106, 223-227.	6.1	4
29	SD-CAS: Spin Dynamics by Computer Algebra System. <i>Journal of Magnetic Resonance</i> , 2010, 207, 95-113.	2.1	4
30	Low temperature $\text{Gd}^{3+}$ ESR linewidth behavior in $\text{Gd}_{0.75}\text{Y}_{0.25}\text{Ba}_2\text{Cu}_3\text{O}_{7-x}$ powder. <i>European Physical Journal D</i> , 1996, 46, 1143-1144.	0.4	3
31	Polydopamine-Assisted Surface Modification of Ti-6Al-4V Alloy with Anti-Biofilm Activity for Dental Implantology Applications. <i>Coatings</i> , 2021, 11, 1385.	2.6	3
32	Characterization of laser deposited CdTe and $\text{Hg}_{1-x}\text{Cd}_x\text{Te}$ thin films. <i>Applied Surface Science</i> , 1996, 106, 70-74.	6.1	2
33	Spin-lattice relaxation in multiple-pulse experiments as contrast parameter in NMR imaging of solids. <i>Applied Magnetic Resonance</i> , 1997, 12, 363-374.	1.2	2
34	EPR investigation of nanosized $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ manganites. <i>Applied Magnetic Resonance</i> , 2004, 27, 139-150.	1.2	2
35	Advances in thermal wave based microscopy. <i>European Physical Journal Special Topics</i> , 2005, 125, 83-85.	0.2	2
36	Spin relaxation in the quasi-one-dimensional conductor $\text{Rb}_2\text{Pt}(\text{CN})_4(\text{FHF})_0.4$ . <i>Applied Magnetic Resonance</i> , 2000, 19, 373-379.	1.2	0

#	ARTICLE	IF	CITATIONS
37	<title>Application of the laser-induced photopyroelectric effect for measuring the thermal effusivity of some (semi) liquid foodstuffs</title>. , 2002, , .		0
38	Increasing the accuracy of structural investigations by MAS spin-echo solid-state NMR experiments. Journal of Physics: Conference Series, 2009, 182, 012025.	0.4	0
39	Ketoconazole-p aminobenzoic cocystal, an improved antimycotic drug formulation, does not induce skin sensitization on the skin of BALBc mice. Inflammopharmacology, 2021, 29, 721-733.	3.9	0
40	Homonuclear Separated Local-Field Spectroscopy by Magnetization-Exchange NMR. Acta Physica Polonica A, 1997, 92, 1135-1149.	0.5	0