

# Mateusz Dulski

## List of Publications by Citations

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112  
papers

1,366  
citations

20  
h-index

28  
g-index

117  
ext. papers

1,602  
ext. citations

3.9  
avg, IF

4.48  
L-index

#	Paper	IF	Citations
112	Dielectric relaxation and crystallization kinetics of ibuprofen at ambient and elevated pressure. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 6579-93	3.4	94
111	Study of the amorphous glibenclamide drug: analysis of the molecular dynamics of quenched and cryomilled material. <i>Molecular Pharmaceutics</i> , <b>2010</b> , 7, 1692-707	5.6	76
110	Microstructural and magnetic characterization of Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> ferrite nanoparticles. <i>Journal of Physics and Chemistry of Solids</i> , <b>2019</b> , 129, 1-21	3.9	43
109	Molecular dynamics, physical stability and solubility advantage from amorphous indapamide drug. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 3612-27	5.6	42
108	Molecular Dynamics, Recrystallization Behavior, and Water Solubility of the Amorphous Anticancer Agent Bicalutamide and Its Polyvinylpyrrolidone Mixtures. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 1071-1081	5.6	35
107	Do intermolecular interactions control crystallization abilities of glass-forming liquids?. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 11537-47	3.4	34
106	Toward a Better Understanding of the Physical Stability of Amorphous Anti-Inflammatory Agents: The Roles of Molecular Mobility and Molecular Interaction Patterns. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 3628-38	5.6	33
105	Unique properties of silver and copper silica-based nanocomposites as antimicrobial agents. <i>RSC Advances</i> , <b>2017</b> , 7, 28092-28104	3.7	30
104	Silicocarnotite, Ca <sub>5</sub> [(SiO <sub>4</sub> )(PO <sub>4</sub> )](PO <sub>4</sub> ), a new „old” mineral from the Negev Desert, Israel, and the ternesite-silicocarnotite solid solution: indicators of high-temperature alteration of pyrometamorphic rocks of the Hatrurim Complex, Southern Levant. <i>European Journal of Mineralogy</i> , <b>2014</b> , 26, 105-123	2.2	28
103	Syntheses, structures, thermal and luminescent properties of cadmium(II) complexes based on quinazoline and phthalazine. <i>Polyhedron</i> , <b>2013</b> , 54, 272-284	2.7	28
102	Studying the Impact of Modified Saccharides on the Molecular Dynamics and Crystallization Tendencies of Model API Nifedipine. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 3007-19	5.6	25
101	Isothermal Cold Crystallization Kinetics Study of Sildenafil. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 3199-3209	3.9	25
100	Communication: Synperiplanar to antiperiplanar conformation changes as underlying the mechanism of Debye process in supercooled ibuprofen. <i>Journal of Chemical Physics</i> , <b>2013</b> , 139, 111103	3.9	25
99	Molecular dynamics of itraconazole confined in thin supported layers. <i>RSC Advances</i> , <b>2014</b> , 4, 28432-28438	3.7	24
98	Kinetic processes in supercooled monosaccharides upon melting: Application of dielectric spectroscopy in the mutarotation studies of D-ribose. <i>Journal of Chemical Physics</i> , <b>2010</b> , 132, 195104	3.9	24
97	Physicochemical and antibacterial characterization of ionocytic Ag/Cu powder nanoparticles. <i>Materials Characterization</i> , <b>2016</b> , 117, 9-16	3.9	24
96	Impact of inter- and intramolecular interactions on the physical stability of indomethacin dispersed in acetylated saccharides. <i>Molecular Pharmaceutics</i> , <b>2014</b> , 11, 2935-47	5.6	22

95	Following kinetics and dynamics of DGEBA-aniline polymerization in nanoporous native alumina oxide membranes [FTIR and dielectric studies. <i>Polymer</i> , <b>2015</b> , 68, 253-261	3.9	22
94	Mayenite supergroup, part III: Fluormayenite, Ca <sub>12</sub> Al <sub>14</sub> O <sub>32</sub> [<4F <sub>2</sub> ], and fluorkyuygenite, Ca <sub>12</sub> Al <sub>14</sub> O <sub>32</sub> [(H <sub>2</sub> O) <sub>4</sub> F <sub>2</sub> ], two new minerals from pyrometamorphic rocks of the Hatrurim Complex, South Levant. <i>European Journal of Mineralogy</i> , <b>2015</b> , 27, 123-136	2.2	21
93	Glassy dynamics and physical aging in fucose saccharides as studied by infrared- and broadband dielectric spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 20641-50	3.6	20
92	Communication: Slow supramolecular mode in amine and thiol derivatives of 2-ethyl-1-hexanol revealed by combined dielectric and shear-mechanical studies. <i>Journal of Chemical Physics</i> , <b>2015</b> , 143, 181102	3.9	20
91	Spectroscopic Studies on Organic Matter from Triassic Reptile Bones, Upper Silesia, Poland. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151143	3.7	20
90	Crystallization Kinetics under Confinement. Manipulation of the Crystalline Form of Salol by Varying Pore Diameter. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 1218-1227	3.5	19
89	New minerals with a modular structure derived from hatrurite from the pyrometamorphic rocks. Part III. Gazeevite, BaCa <sub>6</sub> (SiO <sub>4</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> O, from Israel and the Palestine Autonomy, South Levant, and from South Ossetia, Greater Caucasus. <i>Mineralogical Magazine</i> , <b>2017</b> , 81, 499-513	1.7	18
88	Structural changes of hydroxyapatite coating electrophoretically deposited on NiTi shape memory alloy. <i>Ceramics International</i> , <b>2018</b> , 44, 11292-11300	5.1	18
87	Kinetics and Dynamics of the Curing System. High Pressure Studies. <i>Macromolecules</i> , <b>2014</b> , 47, 4288-4293	3.5	18
86	Functionalized mesoporous silica thin films as a tunable nonlinear optical material. <i>Nanoscale</i> , <b>2017</b> , 9, 12110-12123	7.7	18
85	Synthesis of New Styrylquinoline Cellular Dyes, Fluorescent Properties, Cellular Localization and Cytotoxic Behavior. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131210	3.7	17
84	Variation in the Molecular Dynamics of DGEBA Confined within AAO Templates above and below the Glass-Transition Temperature. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 28033-28044	3.8	17
83	New Class of Antimicrobial Agents: SBA-15 Silica Containing Anchored Copper Ions. <i>Journal of Nanomaterials</i> , <b>2017</b> , 2017, 1-12	3.2	15
82	Dynamic Glass Transition and Electrical Conductivity Behavior Dominated by Proton Hopping Mechanism Studied in the Family of Hyperbranched Bis-MPA Polyesters. <i>Macromolecules</i> , <b>2014</b> , 47, 5798-5807	5.5	15
81	The kinetics of mutarotation in L-fucose as monitored by dielectric and infrared spectroscopy. <i>Journal of Chemical Physics</i> , <b>2014</b> , 140, 215101	3.9	15
80	Dielectric Relaxation Study at Ambient and Elevated Pressure of the Modeled Lipophilic Drug Fenofibrate. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 11298-11306	3.4	14
79	Evidence of slow Debye-like relaxation in the anti-inflammatory agent etoricoxib. <i>Physical Review E</i> , <b>2015</b> , 92, 022309	2.4	14
78	Impact of low molecular weight excipient octaacetylmaltose on the liquid crystalline ordering and molecular dynamics in the supercooled liquid and glassy state of itraconazole. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 88, 1094-104	5.7	14

77	DFT/TD-DFT study of solvent effect as well the substituents influence on the different features of TPP derivatives for PDT application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 104, 315-27	4.4	14
76	Observation of the dynamics of clusters in D-glucose with the use of dielectric spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 723-30	3.6	14
75	Studying the Crystallization of Various Polymorphic Forms of Nifedipine from Binary Mixtures with the Use of Different Experimental Techniques. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 2116-2125	5.6	13
74	Description of mutarotational kinetics in supercooled monosugars. <i>Journal of Non-Crystalline Solids</i> , <b>2010</b> , 356, 738-742	3.9	13
73	Multifunctional layers formation on the surface of NiTi SMA during Etricalcium phosphate deposition. <i>Materials Letters</i> , <b>2015</b> , 157, 295-298	3.3	12
72	Impact of annealing on features of BCP coating on NiTi shape memory alloy: Preparation and physicochemical characterization. <i>Applied Surface Science</i> , <b>2018</b> , 437, 28-40	6.7	12
71	Enhancement of the physical stability of amorphous indomethacin by mixing it with octaacetylmaltose. inter and intra molecular studies. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 2887-903	4.5	12
70	Unusual dielectric response of 4-methyl-1,3-dioxolane derivatives. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 28211-28222	3.6	12
69	Studying molecular dynamics of the slow, structural, and secondary relaxation processes in series of substituted ibuprofens. <i>Journal of Chemical Physics</i> , <b>2018</b> , 148, 224505	3.9	11
68	Tracking of Proton Transfer Reaction in Supercooled RNA Nucleoside. <i>Journal of Physical Chemistry Letters</i> , <b>2012</b> , 3, 2288-92	6.4	11
67	X-ray investigations into silica/silver nanocomposite. <i>Powder Diffraction</i> , <b>2017</b> , 32, S82-S86	1.8	10
66	High pressure polymerization of glycidol. Kinetics studies. <i>Polymer</i> , <b>2014</b> , 55, 1984-1990	3.9	10
65	Mayenite supergroup, part IV: Crystal structure and Raman investigation of Al-free eltyubuite from the Shadil-Khokh volcano, Kel' Plateau, Southern Ossetia, Russia. <i>European Journal of Mineralogy</i> , <b>2015</b> , 27, 137-143	2.2	10
64	Developing [60]Fullerene Nanomaterials for Better Photodynamic Treatment of Non-Melanoma Skin Cancers. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 5930-5940	5.5	10
63	Conformational changes underlying variation in the structural dynamics of materials confined at the nanometric scale. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 30200-30208	3.6	10
62	Raman imaging as a new approach to identification of the mayenite group minerals. <i>Scientific Reports</i> , <b>2018</b> , 8, 13593	4.9	10
61	A [60]fullerene nanoconjugate with gemcitabine: synthesis, biophysical properties and biological evaluation for treating pancreatic cancer. <i>Cancer Nanotechnology</i> , <b>2020</b> , 11,	7.9	9
60	Is There a Liquid-Liquid Phase Transition in Confined Triphenyl Phosphite?. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 19442-19450	3.8	9

59	Studies on the radical polymerization of monomeric ionic liquids: nanostructure ordering as a key factor controlling the reaction and properties of nascent polymers. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 6363-6374	4.9	9
58	Multi-step functionalization procedure for fabrication of vertically aligned mesoporous silica thin films with metal-containing molecules localized at the pores bottom. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 274, 356-362	5.3	9
57	Phenyl Ring: A Steric Hindrance or a Source of Different Hydrogen Bonding Patterns in Self-Organizing Systems?. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 2142-2147	6.4	9
56	Gradient of structural traits drives hygroscopic movements of scarious bracts surrounding <i>Helichrysum bracteatum capitulum</i> . <i>Annals of Botany</i> , <b>2017</b> , 119, 1365-1383	4.1	8
55	Structural characterization of rondorfite, calcium silica chlorine mineral containing magnesium in tetrahedral position [MgO4]6-, with the aid of the vibrational spectroscopies and fluorescence. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 101, 382-8	4.4	8
54	The impact of the functionalization of silica mesopores on the structural and biological features of SBA-15. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 306, 110453	5.3	8
53	Efficient metal-free strategies for polymerization of a sterically hindered ionic monomer through the application of hard confinement and high pressure.. <i>RSC Advances</i> , <b>2019</b> , 9, 6396-6408	3.7	8
52	Functionalization of the NiTi Shape Memory Alloy Surface by HAp/SiO/Ag Hybrid Coatings Formed on SiO-TiO Glass Interlayer. <i>Materials</i> , <b>2020</b> , 13,	3.5	8
51	Impact of Intermolecular Interactions, Dimeric Structures on the Glass Forming Ability of Naproxen, and a Series of Its Derivatives. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 4764-4776	5.6	8
50	Magnetic behaviour of Mn <sup>2+</sup> -stearate single-molecule magnets immobilized inside SBA-15 mesoporous silica matrix. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 478, 20-27	2.8	7
49	Studying structural and local dynamics in model H-bonded active ingredient - Curcumin in the supercooled and glassy states at various thermodynamic conditions. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 135, 38-50	5.1	7
48	FLUORCHEGEMITE, Ca <sub>7</sub> (SiO <sub>4</sub> ) <sub>3</sub> F <sub>2</sub> , A NEW MINERAL FROM THE EDGREWITE-BEARING ENDOSKARN ZONE OF AN ALTERED XENOLITH IN IGNIMBRITES FROM UPPER CHEGEM CALDERA, NORTHERN CAUCASUS, KABARDINO-BALKARIA, RUSSIA: OCCURRENCE, CRYSTAL STRUCTURE, AND NEW DATA ON THE MINERAL ASSEMBLAGES. <i>Contributions to Mineralogy and Petrology</i> , <b>2015</b> , 53, 225-244	0.7	7
47	SBA-15 mesoporous silica free-standing thin films containing copper ions bounded via propyl phosphonate units - preparation and characterization. <i>Journal of Solid State Chemistry</i> , <b>2016</b> , 241, 143-151	3.3	7
46	The indications of tautomeric conversion in amorphous bicalutamide drug. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 110, 117-123	5.1	7
45	Edgrewite Ca <sub>9</sub> (SiO <sub>4</sub> ) <sub>4</sub> F <sub>2</sub> -hydroxyedgrewite Ca <sub>9</sub> (SiO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> , a new series of calcium humite-group minerals from altered xenoliths in the ignimbrite of Upper Chegem caldera, Northern Caucasus, Kabardino-Balkaria, Russia. <i>American Mineralogist</i> , <b>2012</b> , 97, 1998-2006	2.9	7
44	Physicochemical and structural features of heat treated silver-silica nanocomposite and their impact on biological properties. <i>Materials Science and Engineering C</i> , <b>2019</b> , 103, 109790	8.3	6
43	Surface functionalization by silver-containing molecules with controlled distribution of functionalities. <i>Applied Surface Science</i> , <b>2019</b> , 481, 433-436	6.7	6
42	Magnetic Behaviour of Mn-Stearate Single-Molecule Magnets Immobilized on the Surface of 300 nm Spherical Silica Nanoparticles. <i>Materials</i> , <b>2020</b> , 13,	3.5	6

41	The effect of gamma irradiation on the structural properties of olivine. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2018</b> , 317, 261-268	1.5	6
40	Pseudomalachite–bornwallite and kipushite–philipsburgite solid solutions: chemical composition and Raman spectroscopy. <i>European Journal of Mineralogy</i> , <b>2016</b> , 28, 555-569	2.2	6
39	Mayenite supergroup, part II: Chlorkyuygenite from Upper Chegem, Northern Caucasus, Kabardino-Balkaria, Russia, a new microporous mineral with zeolitic H <sub>2</sub> O. <i>European Journal of Mineralogy</i> , <b>2015</b> , 27, 113-122	2.2	6
38	Different route of hydroxide incorporation and thermal stability of new type of water clathrate: X-ray single crystal and Raman investigation. <i>Scientific Reports</i> , <b>2017</b> , 7, 9046	4.9	5
37	Two types of bone necrosis in the Middle Triassic bones: the results of integrated studies. <i>Royal Society Open Science</i> , <b>2017</b> , 4, 170204	3.3	5
36	Does the molecular mobility and flexibility of the saccharide ring affect the glass-forming ability of naproxen in binary mixtures?. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 141, 105091	5.1	5
35	Experimental (FTIR, BDS) and theoretical analysis of mutarotation kinetics of D-fructose mixed with different alcohols in the supercooled region. <i>RSC Advances</i> , <b>2016</b> , 6, 57634-57646	3.7	4
34	Key Properties of a Bioactive Ag-SiO <sub>2</sub> /TiO <sub>2</sub> Coating on NiTi Shape Memory Alloy as Necessary at the Development of a New Class of Biomedical Materials. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
33	Reddish-orange Eu <sup>3+</sup> -doped sol-gel emitters based on LaF <sub>3</sub> nanocrystals – Synthesis, structural and photoluminescence investigations. <i>Optical Materials</i> , <b>2019</b> , 89, 276-282	3.3	3
32	Toward the Development of an Innovative Implant: NiTi Alloy Functionalized by Multifunctional TCP+Ag/SiO <sub>2</sub> Coatings.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 987-998	4.1	3
31	Nanocomposite for photonics – Nickel pyrophosphate nanocrystals synthesised in silica nanoreactors. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 306, 110435	5.3	3
30	Unexpected Crossover in the kinetics of mutarotation in the supercooled region: the role of H-bonds. <i>Scientific Reports</i> , <b>2018</b> , 8, 5312	4.9	3
29	New minerals with modular structure derived from hatrurite from the pyrometamorphic rocks. Part IV: Dargaite, BaCa <sub>12</sub> (SiO <sub>4</sub> ) <sub>4</sub> (SO <sub>4</sub> ) <sub>2</sub> O <sub>3</sub> , from Nahal Darga, Palestinian Autonomy. <i>Mineralogical Magazine</i> , <b>2019</b> , 83, 81-88	1.7	3
28	Studying tautomerism in an important pharmaceutical glibenclamide confined in the thin nanometric layers. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 182, 110319	6	3
27	A study on the progress of mutarotation above and below the T and the relationship between constant rates and structural relaxation times. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 20949-20958	3.6	3
26	An Organic-Inorganic Hybrid Nanocomposite as a Potential New Biological Agent. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	3
25	Influence of molecular geometry on the formation, architecture and dynamics of H-bonded supramolecular associates in 1-phenyl alcohols. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 326, 115349	6	3
24	Vertically aligned porous silica thin films functionalized by nickel chloride incorporated in walls. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 276, 201-206	5.3	3

23	Iron-mediated deep-time preservation of osteocytes in a Middle Triassic reptile bone. <i>Historical Biology</i> , <b>2021</b> , 33, 186-193	1.1	3
22	Varying thermodynamic conditions as a new way to tune the molecular order in glassy itraconazole. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 286, 110920	6	2
21	Chlorellestadite, Ca <sub>5</sub> (SiO <sub>4</sub> ) <sub>1.5</sub> (SO <sub>4</sub> ) <sub>1.5</sub> Cl, a new ellestadite- group mineral from the Shadil-Khokh volcano, South Ossetia. <i>Mineralogy and Petrology</i> , <b>2018</b> , 112, 743-752	1.6	2
20	Chemical composition and Raman spectroscopy of cornubite and its relation to cornwallite in Miedzianka, the Sudety Mts., Poland. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , <b>2016</b> , 193, 265-274 <sup>1</sup>		2
19	A Comprehensive Study of Pristine and Calcined f-MWCNTs Functionalized by Nitrogen-Containing Functional Groups.. <i>Materials</i> , <b>2022</b> , 15,	3.5	2
18	Innovative Bioactive Ag-SiO/TiO Coating on a NiTi-Shape Memory Alloy: Structure and Mechanism of Its Formation. <i>Materials</i> , <b>2020</b> , 14,	3.5	2
17	Chemical and Phase Reactions on the Contact between Refractory Materials and Slags, a Case from the 19th Century Zn-Pb Smelter in Ruda Źka, Poland. <i>Minerals (Basel, Switzerland)</i> , <b>2020</b> , 10, 1006	2.4	2
16	Aging effect on the magnetic properties of Mn <sup>12</sup> -stearate single-molecule magnets anchored onto the surface of spherical silica nanoparticles. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2020</b> , 261, 114670	3.1	2
15	Qatranaite, CaZn <sub>2</sub> (OH) <sub>6</sub> ·2H <sub>2</sub> O: a new mineral from altered pyrometamorphic rocks of the Hatrurim Complex, Daba-Siwaqa, Jordan. <i>European Journal of Mineralogy</i> , <b>2019</b> , 31, 575-584	2.2	2
14	Local structure and molecular dynamics of highly polar propylene carbonate derivative infiltrated within alumina and silica porous templates. <i>Journal of Chemical Physics</i> , <b>2021</b> , 154, 064701	3.9	2
13	Rondorfite-type structure XPS and UV-Vis study. <i>Materials Research Bulletin</i> , <b>2015</b> , 70, 920-927	5.1	1
12	Dramatic slowing down of the conformational equilibrium in the silyl derivative of glucose in the vicinity of the glass transition temperature. <i>Soft Matter</i> , <b>2019</b> , 15, 7429-7437	3.6	1
11	Martensitic transformation and shape memory effect in NiTi alloy covered by chitosan/silver layer. <i>MATEC Web of Conferences</i> , <b>2015</b> , 33, 03012	0.3	1
10	Tuning Physical Properties of NiFe <sub>2</sub> O <sub>4</sub> and NiFe <sub>2</sub> O <sub>4</sub> @SiO <sub>2</sub> Nanoferrites by Thermal Treatment. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , <b>2022</b> , 53, 1208	2.3	1
9	Complex Reorientation Dynamics of Sizable Glass-Formers with Polar Rotors Revealed by Dielectric Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 11303-11307	6.4	1
8	Impact of high temperatures on aluminoceladonite studied by Mössbauer, Raman, X-ray diffraction and X-ray photoelectron spectroscopy. <i>Mineralogy and Petrology</i> , <b>2021</b> , 115, 431-444	1.6	1
7	Towards water-soluble [60]fullerenes for the delivery of siRNA in a prostate cancer model. <i>Scientific Reports</i> , <b>2021</b> , 11, 10565	4.9	1
6	Role of intermolecular interactions and conformational changes in the polymorphism and vitrification process of 2,2'-bis-substituted para-terphenyls. <i>CrystEngComm</i> , <b>2020</b> , 22, 3164-3178	3.3	1

5	Raman Spectroscopy in Nonwoody Plants. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1992, 83-107	1.4	o
4	Impact of temperature on the physicochemical, structural and biological features of copper-silica nanocomposites. <i>Materials Science and Engineering C</i> , <b>2020</b> , 107, 110274	8.3	o
3	Synthesis and applications of [60]fullerene nanoconjugate with 5-aminolevulinic acid and its glycoconjugate as drug delivery vehicles.. <i>RSC Advances</i> , <b>2022</b> , 12, 6377-6388	3.7	o
2	Structural and Electronic Properties of Qatranaitite. <i>Advances in Materials Science and Engineering</i> , <b>2019</b> , 2019, 1-6	1.5	
1	Crystal Chemistry of an Erythrite-Katigite Solid Solution (Co <sub>3-x</sub> Zn <sub>x</sub> ) (AsO <sub>4</sub> ) <sub>2</sub> ·8H <sub>2</sub> O. <i>Minerals (Basel, Switzerland)</i> , <b>2020</b> , 10, 548	2.4	