

Michaela Fridrichová

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Inorganic Salts of N-phenylbiguanidium(1+) – Novel Family with Promising Representatives for Nonlinear Optics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8419.	4.1	0
2	Novel approach of dermatophytosis eradication in shelters: effect of <i>Pythium oligandrum</i> on <i>Microsporium canis</i> in FIV or FeLV positive cats. <i>BMC Veterinary Research</i> , 2021, 17, 290.	1.9	0
3	Case Report: Human Recombinant Growth Hormone Therapy in a DSH Cat Presented With Dwarfism. <i>Frontiers in Veterinary Science</i> , 2021, 8, 773355.	2.2	1
4	Thermoreversible magnetic nanochains. <i>Nanoscale</i> , 2019, 11, 16773-16780.	5.6	14
5	Laser-ablation-assisted SF ₆ decomposition for extensive and controlled fluorination of graphene. <i>Carbon</i> , 2019, 145, 419-425.	10.3	25
6	Proton-Gradient-Driven Oriented Motion of Nanodiamonds Grafted to Graphene by Dynamic Covalent Bonds. <i>ACS Nano</i> , 2018, 12, 7141-7147.	14.6	17
7	Quantitative assessment of alkali silica reaction potential of quartz-rich aggregates: comparison of chemical test and accelerated mortar bar test improved by SEM-PIA. <i>Bulletin of Engineering Geology and the Environment</i> , 2017, 76, 133-144.	3.5	9
8	SERS of Isotopically Labeled ¹² C/ ¹³ C Graphene Bilayer – Gold Nanostructured Film Hybrids: Graphene Layer as Spacer and SERS Probe. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11680-11686.	3.1	8
9	Enhanced Raman scattering on functionalized graphene substrates. <i>2D Materials</i> , 2017, 4, 025087.	4.4	14
10	Extended characterization methods for covalent functionalization of graphene on copper. <i>Carbon</i> , 2017, 118, 200-207.	10.3	19
11	Antifungal effects of the biological agent <i>Pythium oligandrum</i> observed in vitro. <i>Journal of Feline Medicine and Surgery</i> , 2017, 19, 817-823.	1.6	5
12	Vibrational spectroscopic and crystallographic study of the novel guanylurea salts with sulphuric and selenic acids. <i>Journal of Molecular Structure</i> , 2017, 1131, 294-305.	3.6	4
13	EDOT polymerization at photolithographically patterned functionalized graphene. <i>Carbon</i> , 2017, 113, 33-39.	10.3	9
14	Mammalian enamel maturation: Crystallographic changes prior to tooth eruption. <i>PLoS ONE</i> , 2017, 12, e0171424.	2.5	12
15	Addressing Raman features of individual layers in isotopically labeled Bernal stacked bilayer graphene. <i>2D Materials</i> , 2016, 3, 025022.	4.4	8
16	Do defects enhance fluorination of graphene?. <i>RSC Advances</i> , 2016, 6, 81471-81476.	3.6	10
17	Monitoring the doping of graphene on SiO ₂ /Si substrates during the thermal annealing process. <i>RSC Advances</i> , 2016, 6, 72859-72864.	3.6	24
18	Mobility and attenuation of arsenic in sulfide-rich mining wastes from the Czech Republic. <i>Science of the Total Environment</i> , 2016, 557-558, 192-203.	8.0	24

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19	Stimulated Raman scattering in monoclinic non-centrosymmetric guanylurea(1+) hydrogen phosphite (GUHP). <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 1837-1856.	1.5	16
20	THE INVESTIGATION OF SECOND-ORDER NONLINEAR OPTICAL PROPERTIES OF P-NITROPHENYLAZOANILINE: SECOND HARMONIC GENERATION AND AB INITIO COMPUTATIONS. <i>Journal of Theoretical and Computational Chemistry</i> , 2012, 11, 209-221.	1.8	11
21	Tris(2-carbamoylguanidinium) hydrogen fluorophosphonate fluorophosphonate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o47-o48.	0.2	3
22	N-[Amino(imino)methyl]uronium tetrafluoroborate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1114-o1115.	0.2	1
23	1,1-Dimethylbiguanidium(2+) dinitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o18-o19.	0.2	7
24	Vibrational spectra of guanylurea(1+) hydrogen phosphite – Novel remarkable material for nonlinear optics. <i>Vibrational Spectroscopy</i> , 2012, 63, 485-491.	2.2	15
25	Two polymorphs of bis(2-carbamoylguanidinium) fluorophosphonate dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, o71-o75.	0.4	4
26	Mixed crystals of 2-carbamoylguanidinium with hydrogen fluorophosphonate and hydrogen phosphite in the ratios 1:0, 0.76â€¦(2):0.24â€¦(2) and 0.115â€¦(7):0.885â€¦(7). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, o76-o83.	0.4	10
27	Novel Salts of 2,4-Diaminoquinazoline: Searching for Materials for Second Harmonic Generation Based on a Promising Polarizable Cation. <i>Journal of Chemical Crystallography</i> , 2012, 42, 809-815.	1.1	0
28	Spontaneous noncollinear second harmonic generation in GUHP. <i>Journal of Optics (United Kingdom)</i> , 2011, 13, 035204.	2.2	10
29	Guanylurea(1+) hydrogen phosphite: study of linear and nonlinear optical properties. <i>Phase Transitions</i> , 2010, 83, 761-767.	1.3	16
30	Guanylurea(1+) hydrogen phosphite: a novel promising phase-matchable material for second harmonic generation. <i>CrystEngComm</i> , 2010, 12, 2054.	2.6	24
31	Salts of guanylurea - novel materials promising for optical applications. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, s258-s258.	0.3	3
32	Salts of guanidine derivatives - new materials for non-linear optics. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2009, 65, s63-s64.	0.3	0