

Ognyan I Petrov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Direct investigation of the reorientational dynamics of A-site cations in 2D organic-inorganic hybrid perovskite by solid-state NMR. <i>Nature Communications</i> , 2022, 13, 1513.	12.8	6
2	Design, Synthesis and Biological Activity of New Hydroxamic Acids Containing 2-Imidazolylphenyl(oxy/thio)alkanoic Fragment. <i>Current Bioactive Compounds</i> , 2021, 17, 59-66.	0.5	2
3	Titelbild: Lokale Deuterierung ermöglicht NMR-Messung von Methylgruppen in Proteinen aus eukaryotischen und Zellfreien Expressionssystemen (<i>Angew. Chem.</i> 25/2021). <i>Angewandte Chemie</i> , 2021, 133, 13801-13801.	2.0	0
4	Lokale Deuterierung ermöglicht NMR-Messung von Methylgruppen in Proteinen aus eukaryotischen und Zellfreien Expressionssystemen. <i>Angewandte Chemie</i> , 2021, 133, 13902-13906.	2.0	0
5	Local Deuteration Enables NMR Observation of Methyl Groups in Proteins from Eukaryotic and Cell-Free Expression Systems. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13783-13787.	13.8	13
6	A biphenyl inhibitor of eIF4E targeting an internal binding site enables the design of cell-permeable PROTAC-degraders. <i>European Journal of Medicinal Chemistry</i> , 2021, 219, 113435.	5.5	15
7	New Heterocyclic Combretastatin A-4 Analogs: Synthesis and Biological Activity of Styryl-2(3H)-benzothiazolones. <i>Pharmaceuticals</i> , 2021, 14, 1331.	3.8	3
8	Aromatic 19F-13C TROSY: a background-free approach to probe biomolecular structure, function, and dynamics. <i>Nature Methods</i> , 2019, 16, 333-340.	19.0	82
9	6-[1-Acetyl-5-(4-methoxyphenyl)-4,5-dihydro-1H-pyrazole-3-yl]-2(3H)-benzoxazolone. <i>MolBank</i> , 2018, 2018, M1021.	0.5	0
10	Synthesis of a new polycyclic heterocyclic ring system. Part III. Benzo[<i>b</i>]imidazo[1,5- <i>d</i>][1,4]oxazepine-1,4(2 <i>H</i> ,5 <i>H</i>)-diones. <i>Heterocyclic Communications</i> , 2017, 23, 23-27.	1.2	6
11	Synthesis of 4-acetyl-2(3 <i>H</i>)-benzothiazolone: Sulfur bioisostere of benzoxazolone allelochemicals. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 905-910.	1.6	1
12	(<i>E</i>)-3-Methyl-6-(3-oxo-3-(3,4,5-trimethoxyphenyl)prop-1-en-1-yl)-2(3H)-benzothiazolone. <i>MolBank</i> , 2016, 2016, M907.	0.5	0
13	(<i>E</i>)-3-Methyl-6-(3-oxo-3-(thiophen-2-yl)-1-propenyl)-2(3H)-benzothiazolone. <i>MolBank</i> , 2016, 2016, M897.	0.5	0
14	6-[(4-Chlorophenyl)(1 <i>H</i> -1,2,4-triazol-1-yl)methyl]-3-methyl-2(3H)-benzoxazolone. <i>MolBank</i> , 2016, 2016, M901.	0.5	0
15	Combretastatin A-4 analogues with benzoxazolone scaffold: Synthesis, structure and biological activity. <i>European Journal of Medicinal Chemistry</i> , 2016, 120, 121-133.	5.5	40
16	Innentitelbild: Selective Protein Hyperpolarization in Cell Lysates Using Targeted Dynamic Nuclear Polarization (<i>Angew. Chem.</i> 36/2016). <i>Angewandte Chemie</i> , 2016, 128, 10682-10682.	2.0	0
17	Selective Protein Hyperpolarization in Cell Lysates Using Targeted Dynamic Nuclear Polarization. <i>Angewandte Chemie</i> , 2016, 128, 10904-10908.	2.0	19
18	Selective Protein Hyperpolarization in Cell Lysates Using Targeted Dynamic Nuclear Polarization. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10746-10750.	13.8	66

#	ARTICLE	IF	CITATIONS
19	Synthesis, Crystal Structure and Cytotoxic Properties of Nitrocombretastatins (E)- and (Z)-5-(4-Methoxy-3-nitrostyryl)-1,2,3-trimethoxybenzene. <i>Journal of Chemical Crystallography</i> , 2016, 46, 105-112.	1.1	0
20	A Convenient Synthesis of the New Histone Deacetylase Inhibitor Scriptaid. <i>Organic Preparations and Procedures International</i> , 2014, 46, 76-79.	1.3	6
21	New heterocyclic chalcones. Part 6. Synthesis and cytotoxic activities of 5- or 6-(3-aryl-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.2	12
22	New Efficient Synthesis of Combretastatin A-4 via Colvin Rearrangement. <i>Synthesis</i> , 2011, 2011, 3711-3715.	2.3	14
23	New imidazole derivatives of 2(3H)-benzazolones as potential antifungal agents. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 44-48.	2.6	9
24	Synthesis and antioxidant potential of novel synthetic benzophenone analogues. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2724-2730.	5.5	32
25	Synthesis of Novel Substituted 1,3-diarylpropenone Derivatives and their In Vitro Cytotoxic Activity. <i>Letters in Drug Design and Discovery</i> , 2009, 6, 353-357.	0.7	6
26	SOCl ₂ /EtOH: Catalytic system for synthesis of chalcones. <i>Catalysis Communications</i> , 2008, 9, 315-316.	3.3	69
27	New Synthetic Chalcones: Cytotoxic Mannich Bases of 6-(4-Chlorocinnamoyl)-2(3H)-benzoxazolone. <i>Letters in Drug Design and Discovery</i> , 2008, 5, 358-361.	0.7	7
28	3-(2-Oxopropyl)-2(3H)-benzoxazolone. <i>MolBank</i> , 2007, 2007, M552.	0.5	1
29	Cytotoxic Mannich bases of 6-(3-aryl-2-propenoyl)-2(3H)-benzoxazolones. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 1382-1387.	5.5	56
30	IR spectral and structural studies of 4-aminobenzenesulfonamide (sulfanilamide)-d ₀ , -d ₄ , and - ¹⁵ N, as well as their azanions: Combined DFT B3LYP/experimental approach. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 1752-1764.	2.0	18
31	Synthesis of Benzo[b]imidazo[1,5-d][1,5]-thiazepines. Derivatives of a Novel Ring System. <i>Synthetic Communications</i> , 2003, 33, 4355-4366.	2.1	5
32	AN EFFICIENT APPROACH TO THE IMIDAZO[5,1-c][1,4]BENZOTHIAZINE SKELETON. A NOVEL TRICYCLIC RING SYSTEM. <i>Heterocyclic Communications</i> , 2003, 9, .	1.2	3
33	Dimethyl 2-{{2-(methoxycarbonyl)-1-(methoxycarbonylmethyl)pyrrol-4-yl}methylene}propanedioate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 973-974.	0.4	1
34	C-Formylation of Some 2(3H)-Benzazolones and 2H-1,4-Benzoxazin-3(4H)-one. <i>Collection of Czechoslovak Chemical Communications</i> , 1997, 62, 494-497.	1.0	8