

Novruz G Akhmedov

List of Publications by Year in descending order

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304602

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#	ARTICLE	IF	CITATIONS
1	Experimental and Computational Analysis of CO ₂ Addition Reactions Relevant to Copper-Catalyzed Boracarcboxylation of Vinyl Arenes: Evidence for a Phosphine-Promoted Mechanism. <i>Organometallics</i> , 2021, 40, 23-37.	1.1	16
2	Effects of 2,6-Dichlorophenyl Substituents on the Coordination Chemistry of Pyridine Dipyrrroline Iron Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1503-1517.	0.6	5
3	Reversed Cation Selectivity of G ₈ Octamer and G ₁₆ Hexadecamer towards Monovalent and Divalent Cations. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1030-1034.	1.7	7
4	Photochemical synthesis of a zirconium cyclobutadienyl complex. <i>Chemical Communications</i> , 2020, 56, 5397-5400.	2.2	10
5	Reactivity of Pyridine Dipyrrroline Iron(II) Complexes with Organic Azides: C-H Amination and Iron Tetrazene Formation. <i>Inorganic Chemistry</i> , 2019, 58, 11028-11042.	1.9	16
6	Synthesis of the tricyclic indole alkaloids, dilemmaones A and B. <i>Tetrahedron</i> , 2019, 75, 130714.	1.0	6
7	Hydrogen Peroxide Modifies A ²⁺ Membrane Interactions with Implications for A ²⁺ ₄₀ Aggregation. <i>Biochemistry</i> , 2019, 58, 2893-2905.	1.2	12
8	Construction of a cross-layer linked G ₈ octamer via conformational control: a stable G ₄ quadruplex in H-bond competitive solvents. <i>Chemical Science</i> , 2019, 10, 4192-4199.	3.7	17
9	Synthesis of new cyano-substituted analogues of Tröger's bases from bromo-derivatives. A stereochemical dependence of long-range (ⁿ J _{HH} , ⁿ J _{HC} , and ⁿ J _{CH}), ⁿ J _{CH} coupling constants of these compounds. <i>Magnetic Resonance in Chemistry</i> , 2019, 57, 423-454.	1.1	3
10	Glycosylation of an allenic erythronolide. <i>Journal of Antibiotics</i> , 2019, 72, 432-436.	1.0	2
11	Photoluminescence of Seven-Coordinate Zirconium and Hafnium Complexes with 2,2'-bipyridylpyrroline Ligands. <i>Chemistry - A European Journal</i> , 2019, 25, 3042-3052.	1.7	20
12	Highly Efficient and Stereoselective Thioallylation of Alkynes: Possible Gold Redox Catalysis with No Need for a Strong Oxidant. <i>Angewandte Chemie</i> , 2018, 130, 7031-7036.	1.6	14
13	Highly Efficient and Stereoselective Thioallylation of Alkynes: Possible Gold Redox Catalysis with No Need for a Strong Oxidant. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6915-6920.	7.2	56
14	Synthesis of a Cyclophane Bearing Two Benz[a]anthracene Units Connected at the 5 and 7 Positions with Two Naphth-1,4-diyl Groups. <i>Journal of Organic Chemistry</i> , 2018, 83, 2455-2459.	1.7	1
15	Synthesis of Molecular Nanohoops Bearing a Tetrahydro[6]cycloparaphenylene Fused to a Hydrogenated or a Bithiophene-Inserted Cycloparaphenylene. <i>Journal of Organic Chemistry</i> , 2018, 83, 1216-1222.	1.7	5
16	Synthesis and Properties of Conjugated Macrocycles Containing 2,7-Bis(2-thienyl)-9H-fluoren-9-one Units. <i>Organic Letters</i> , 2017, 19, 2674-2677.	2.4	23
17	Investigations on Gold-Catalyzed Thioalkyne Activation Toward Facile Synthesis of Ketene Dithioacetals. <i>Chemistry - A European Journal</i> , 2017, 23, 10506-10510.	1.7	28
18	Synthesis and Characterization of Functionalized [12]Cycloparaphenylenes Containing Four Alternating Biphenyl and Naphthyl Units. <i>Journal of Organic Chemistry</i> , 2017, 82, 4458-4464.	1.7	26

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19	Synthesis of Partially Hydrogenated Cycloparaphenylenes with Bent and Fused Structures Bearing Armchair Carbon Nanotube-like Connections. <i>Journal of Organic Chemistry</i> , 2017, 82, 1166-1174.	1.7	8
20	Synthesis and Structure of a Functionalized [9]Cycloparaphenylene Bearing Three Indeno[2,1- <i>a</i>]fluorene-11,12-dione-2,9-diyl Units. <i>Organic Letters</i> , 2017, 19, 4078-4081.	2.4	34
21	Regioselective Copper-Catalyzed Borocarboxylation of Vinyl Arenes. <i>Organic Letters</i> , 2016, 18, 6428-6431.	2.4	83
22	Ligand-controlled gold-catalyzed cycloisomerization of 1, <i>n</i> -enynes toward synthesis of dihydronaphthalene. <i>Chemical Communications</i> , 2016, 52, 7687-7690.	2.2	42
23	Synthesis of Cycloparaphenylenes Bearing Furan-2,5-diyl or 2,2'-bifuran-5,5'-diyl Units in the Macrocyclic Structures. <i>Chemistry - A European Journal</i> , 2016, 22, 16420-16424.	1.7	20
24	Regioselective Amine-Borane Cyclization: Towards the Synthesis of 1,2-bis(cyclohexene) by Copper-Assisted Triazole/Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11582-11586.	7.2	24
25	Regioselective Amine-Borane Cyclization: Towards the Synthesis of 1,2-bis(cyclohexene) by Copper-Assisted Triazole/Gold Catalysis. <i>Angewandte Chemie</i> , 2016, 128, 11754-11758.	1.6	4
26	Double Palladium Catalyzed Reductive Cyclizations. Synthesis of 2,2'-, 2,3'-, and 3,3'-bi-1 <i>H</i> -indoles, Indolo[3,2- <i>b</i>]indoles, and Indolo[2,3- <i>b</i>]indoles. <i>Journal of Organic Chemistry</i> , 2016, 81, 9337-9349.	1.7	48
27	Silver-Free Palladium-Catalyzed <i>sp</i> ³ and <i>sp</i> ² C-H Alkynylation Promoted by a 1,2,3-Triazole Amine Directing Group. <i>Organic Letters</i> , 2016, 18, 2970-2973.	2.4	81
28	Direct Entry to 4,10-Didesmethyl (9 <i>S</i>)-Dihydroerythronolide A via Catalytic Allene Osmylation. <i>Organic Letters</i> , 2016, 18, 2868-2871.	2.4	7
29	Gold/gallium-catalyzed annulation of 1,3-dicarbonyl compounds and cyclopropylacetylenes for synthesis of substituted cyclopentenes. <i>RSC Advances</i> , 2016, 6, 17386-17389.	1.7	10
30	Ligand-Assisted Gold-Catalyzed Cross-Coupling with Aryldiazonium Salts: Redox Gold Catalysis without an External Oxidant. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8772-8776.	7.2	133
31	Syntheses and Structures of Thiophene-Containing Cycloparaphenylenes and Related Carbon Nano hoops. <i>Organic Letters</i> , 2015, 17, 3470-3473.	2.4	32
32	Synergistic Gold and Iron Dual Catalysis: Preferred Radical Addition toward Vinyl-Gold Intermediate over Alkene. <i>Journal of the American Chemical Society</i> , 2015, 137, 8912-8915.	6.6	130
33	Total Synthesis of the Tetracyclic Indole Alkaloid Ht-13-B. <i>Journal of Organic Chemistry</i> , 2015, 80, 4783-4790.	1.7	38
34	Kinetics of the OH Radical Reaction with Fulvenallene from 298 to 450 K. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4997-5001.	2.1	14
35	Denovo asymmetric synthesis of the mezzettiaside family of natural products via the iterative use of a dual B-/Pd-catalyzed glycosylation. <i>Chemical Science</i> , 2014, 5, 2230-2234.	3.7	74
36	1,2,3-Triazoles as versatile directing group for selective <i>sp</i> ² and <i>sp</i> ³ C-H activation: cyclization vs substitution. <i>Chemical Science</i> , 2013, 4, 3712.	3.7	214

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37	A conformational NMR analysis of methymycin aglycones: complete and unambiguous assignments of stereochemically diverse glycosylated methymycin analogs by 1D and 2D NMR techniques and molecular modeling. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 156-167.	1.1	5
38	Immobilization of amino acid ionic liquids into nanoporous microspheres as robust sorbents for CO ₂ capture. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2978.	5.2	104
39	Complete analysis of the ¹ H and ¹³ C NMR spectra of diastereomeric mixtures of (R,S)- and (S,S)-3,6-dimethoxy-2,5-dihydropyrazine-substituted indoles and their conformational preference in solution. <i>Magnetic Resonance in Chemistry</i> , 2010, 48, 134-150.	1.1	5
40	Synthesis of tryptophan derivatives via a palladium-catalyzed N-heteroannulation. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2775-2783.	1.8	18
41	NMR spectra, GIAO and charge density calculations of five-membered aromatic heterocycles. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 532-543.	1.1	38
42	gNMR simulated ¹ H and proton-coupled ¹³ C NMR spectra of substituted 3-nitropyridines. GIAO/DFT calculated values of proton and carbon chemical shifts and coupling constants. <i>Journal of Molecular Structure</i> , 2006, 787, 131-147.	1.8	20
43	Palladium-catalyzed synthesis of 3-alkoxy-substituted indoles. <i>Tetrahedron</i> , 2006, 62, 10829-10834.	1.0	44
44	Dynamic NMR and ab initio studies of exchange between rotamers of derivatives of octahydrofuro[3,4-f]isoquinoline-7(1H)-carboxylate and tetrahydro-2,5,6(1H)-isoquinolinetricarboxylate. <i>Magnetic Resonance in Chemistry</i> , 2004, 42, 39-48.	1.1	17
45	¹ H and ¹³ C NMR spectroscopic study of oxidation of D,L-cystine and 3,3'-dithiobis(propionic acid) with hydrogen peroxide in aqueous solution. <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 37-41.	1.1	21
46	Solid-state cross-polarization magic angle spinning ¹³ C and ¹⁵ N NMR characterization of Sepia melanin, Sepia melanin free acid and Human hair melanin in comparison with several model compounds. <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 466-474.	1.1	68
47	Structure elucidation of [1,3]oxazolo[4,5-e][2,1]benzoxazole and naphtho[1,2-d][1,3]- and phenanthro[9,10-d]oxazoles using gradient selected gHMBC, gHMOC and gHMOC-TOCSY NMR techniques. <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 908-920.	1.1	4
48	¹ H and ¹³ C NMR conformational study of 2-(benzotriazol-1-yl)-substituted tetrahydrofurans. <i>Journal of Physical Organic Chemistry</i> , 2003, 16, 158-165.	0.9	4
49	¹ H and ¹³ C NMR study of tetrahydro-1,4-benzothiazepine conformations Electronic supplementary information (ESI) available: crystal data, structure refinement and a perspective view of the X-ray crystal structure of 1. See http://www.rsc.org/suppdata/p2/b2/b205768a/ . <i>Perkin Transactions II RSC</i> , 2002, , 1816-1822.	1.1	3
50	Conformational NMR study of N-substituted-1,3,4,5-tetrahydro-1H-2-benzazepines. <i>Perkin Transactions II RSC</i> , 2002, , 1986-1993.	1.1	10