

Nikolay Gerasimchuk: complete list of publications.

93. Ryabchuk, P.; Edwards, A.; Gerasimchuk, N.; Rubina, M.; Rubin, M. "Dual Control of Selectivity in the Synthesis of Homochiral Densely Substituted Cyclopropanes via the Addition of Nucleophiles to *in situ* Generated Cyclopropenes." *Organic Letters*. **2013**, *15* (23), 6010-6013.
92. Ramidi, P.; Gerasimchuk, N.; Gartia, Y.; Felton, C.M.; Ghosh, A. "Influence of substituents on the reactivity of cobalt(III) amidoamine complexes for the catalytic synthesis of cyclic carbonate from epoxide and carbon dioxide". *Dalton Transactions*. **2013**, *42*, 13151-13160.
91. Eakins, G.L.; Cooper, M.; Phillips, T.; Gerasimchuk, N.; Breyfogle, B.; Stearman, C.J. "Structural Influences Impacting the Role of the 9-Ylidene Bond in the HOMO-LUMO Tuning of Structures Built upon 9-Fluorenylidene Scaffolds". *Can. J. Chem.* **2013**, *91* (11), 1059-1071.
90. Gudima, A.O.; Shovkova, G.V.; Trunova, O.K.; Grandjean, F.; Long, G.J.; Gerasimchuk, N. "Sodium-Centered Dodecanuclear Co(II) and Ni(II) Complexes with 2-(Phosphono methylamino)succinic Acid: Studies of Spectroscopic, Structural, and Magnetic Properties." *Inorganic Chemistry*. **2013**, *52* (13), p. 7467-7477.
89. Cheadle, C.; Gerasimchuk, N.; Barnes, C.L.; Tyukhtenko, S.I.; Silchenko, S. "First bis-cyanoxime: synthesis and properties of a new versatile and accessible polydentate bifunctional building block for coordination and supramolecular chemistry" *Dalton Transactions*. **2013**, *42* (14), p. 4931 – 4946.
88. Hilton, M.; Gerasimchuk, N.; Silchenko, S.; Charlier, H. , "Synthesis, Properties and Crystal Structure of the 2,4-dichlorophenyl-cyanoxime - a powerful carbonyl reductase inhibitor." *J. Chem. Crystallography*. **2013**, *43* (3), p.157-164.
87. Curtis, S.; Ilkun, O.; Brown, A.; Silchenko, S.; Gerasimchuk, N. "Synthesis, spectroscopic and structural characterization of the first phenyl bis-cyanoximes: non-chelating extended ionisable building block ligands for new MOFs." *Cryst. Eng. Comm.* **2013**, *15*, p.152-159.
86. D. Marcano, N. Gerasimchuk, V. Nemykin, and S. Silchenko. "Synthesis, Characterization and Studies of Coordination Polymers With Isomeric Pyridylcyanoximes: Route to Metal Ribbons With Very Short Tl---Tl separations." *Cryst. Growth Des.*, **2012**, *12*, p.2877-2889.
85. Ratcliff, J.; Kuduk-Jaworska, J.; Chojnacki, H.; Nemykin, V.N.; Gerasimchuk, N. "Part 1: Experimental and theoretical studies of 2-cyano-2-isonitroso-N-piperidynylacetamide (HPiPCO), 2-cyano-2-isonitroso-N-morpholyacetamide (HMCO) and their Pt- and Pd-complexes." *Inorganica Chimica Acta*. **2012**, *385*, p.1-11.

84. Ratcliff, J.; Durham, P.; Keck, M.; Mokhir, A.; Gerasimchuk, N. "Part 2: *In vitro* Cytotoxicity Studies of Two ML_2 Complexes (M = Pd, Pt; L = 2-cyano-2-isonitroso-N-morpholylacetamide, HMCO)." *Inorganica Chimica Acta*. **2012**, 385, p.11-20.
83. Solntsev, P.V.; Neisen, B.D.; Sabin, J.R.; Gerasimchuk, N.N.; Nemykin, V.N. "Synthesis, characterization, X-ray structure, and mixed-valence states of *trans*-dichlorotin(IV)-5,10,15,20-tetraferrocenylporphyrin." *J. Porphyrins Phthalocyanines* **2011**; 15, p. 612–621.
82. Gerasimchuk, N. "An Excursion into the Intriguing World of Polymeric Tl(I) and Ag(I) Cyanoximates." *Polymers* **2011**, 3, p. 2-37.
81. Albright, A.; Eddings, D.; Black, R.; Welch, C.J.; Gerasimchuk, N.N.; Gawley, R.E. "Design and Synthesis of C₂-Symmetric N-Heterocyclic Carbene Precursors and Metal Carbenoids." *Journal of Organic Chemistry*. **2011**, 76, p. 7341–7351.
80. Gerasimchuk, N. "Synthesis, Characterization and Remarkable Applications of Light-insensitive Silver(I) Cyanoximates," in *New Trends in Coordination, Bioinorganic, and Applied Inorganic Chemistry*. p.106-113; M. Melník, P. Segl'a, and M. Tatarko (Eds.), Slovak University of Technology Press, 2011; ISBN 978-80-227-3509-4.
79. Beckford, F.; Thessing, J.; Woods, J.; Didion, J.; Gerasimchuk, N.; Gonzalez-Sarrias, A.; Seeram, N.P. "Synthesis and structure of $[(\eta^6\text{-}p\text{-cymene})Ru(2\text{-anthracene-9-ylmethylene-N-ethylhydrazinecarbothioamide)Cl]Cl$: biological evaluation, topoisomerase II inhibition and reaction with DNA and human serum albumin." *Metallomics*. **2011**, 3, p. 491-502.
78. Beckford, F.; Dourth, D.; Shaloski, M. Jr.; Didion, J.; Thessing, J.; Woods, J.; Crowell, V.; Gerasimchuk, N.; Gonzalez-Sarrias, A.; Seeram, N.P. "Half-sandwich ruthenium-arene complexes with thiosemicarbazones: Synthesis and biological evaluation of $[(\eta^6\text{-}p\text{-cymene})Ru(\text{piperonal thiosemicarbazones})Cl]Cl$ complexes" *Journal of Inorganic Biochemistry*, **2011**, 105, p. 1019-1029.
77. Gerasimchuk, N.; Gamian, A.; Glover, G.; Szponar, B. "Light Insensitive Silver(I) Cyanoximates As Antimicrobial Agents for Indwelling Medical Devices". *Inorganic Chemistry*. **2010**, 49 (21), p. 9863-9874.
76. Solntsev, P.; Sabin, J.R.; Dammer, S.J.; Gerasimchuk, N.N.; Nemykin, V.N. "Unexpected Fluorescence properties in the axially σ -bonded ferrocenyl-containing porphyrin." *Chemical Communications*. **2010**, 46, p. 6581-6583.
75. Filatov, A.S.; Hietsoi, O.; Sevrygina, Y.; Gerasimchuk, N.N.; Petruhina, M.A. "Reversible $Cu_4 \rightarrow Cu_6$ core interconversion and temperature induced single-crystal-to-single-crystal phase transition for Copper(I) carboxylate". *Inorganic Chemistry*. **2010**, 49 (4), p.1626-1633.

74. Gerasimchuk, N.; Barnes, C.L.; Boaz, D. "Preparation, spectroscopic and structural characterization of the first Co(III) cyanoxime complex: two polymorphs of *fac*-, *tris*-(benzoylcyanoximato)cobalt(III), Co(BCO)₃." *Journal of Coordination Chemistry*, **2010**, 63 (6), p.943.
73. Gerasimchuk, N.; Esaulenko, A.N.; Dalley, K.N.; Moore, C. "2-Cyano-2-isonitroso acetamide and its Ag(I) complexes. Silver(I) cyanoximate as a non-electric gas sensor." *Dalton Transactions*, **2010**, 39, p.749-764.
72. Glower, G.; Gerasimchuk, N.; Biagioni, R.; Domasevitch, K.V. "Monovalent K, Cs, Tl and Ag Nitrosodicyanmethanides: Completely different 3D networks with useful properties of Luminescent materials and nonelectric sensors for gases." *Inorganic Chemistry*, **2009**, 48 (6), p.2371-2382.
71. Ilkun, O.T.; Archibald, S.; Barnes, C.L.; Gerasimchuk, N.; Biagioni, R.; Silchenko, S.; Gerasimchuk, O.A.; Nemykin, V. "Benz(2-heteroaryl)cyanoximes and their Tl(I) complexes: new room temperature blue emitters.", *Dalton Transactions*, **2008**, p. 5715-29.
70. Owen, T.; Grandjean, F.; Long, G.J.; Domasevitch, K.V.; Gerasimchuk, N. "Synthesis and Characterization of Two Intensely Colored tris(benzoylcyanoxime)iron(II) Anionic Complexes" *Inorganic Chemistry*, **2008**, 47, N^o19, p.8704-8713.
69. Goeden, L.; Gerasimchuk, N.; Durham, P.; Barnes, C.; Cannon, J.F. "Synthesis and Characterization of the First Disubstituted Arylcyanoximes and their Several Metal Complexes." *Inorganica Chimica Acta*, **2008**, 361, p.1983-2001.
68. Gerasimchuk, N.; Maher, T.; Durham, P.; Domasevitch, K.V.; Wilking, J.; Mokhir, A. "Tin(IV) Cyanoximates: Synthesis, Characterization and in vitro Cytotoxicity." *Inorganic Chemistry*, **2007**, 46, N^o18, p.7268-7284.
67. Magda, D. J.; Gerasimchuk, N.; Wang, Z.; Sessler, J. L.; Miller, R. A. "Mechanistic Studies of Motexafin Gadolinium (Xcytrin®): A Redox Active Agent that Reacts with Electron-rich Biological Substrates," Chapter 8 in *American Chemical Society Symposium Series*, N^o 903, p.110-136. American Chemical Society, Washington, DC; 2005.
66. Robertson, D.; Cannon, J.; Gerasimchuk, N. "Double-Stranded Metal-Organic Networks for One-Dimensional Mixed Valence Coordination Polymers". *Inorganic Chemistry*. **2005**, 44, N^o23, p.8326-8342.
65. Gerasimchuk, N., Dalley, N.K. "Demetallation of Ni(II) Tetraazamacrocyclic Complex by Cyanoxime Resulting in the Formation of a Stereospecific Trinuclear Compound [Na(H₂O)₆]⁺[NaNi₂L₆]⁻ (L= NC-C(NO)-C(O)NH₂)." *Journal of Coordination Chemistry*. **2004**, 57, N^o16, p.1431-1442.

64. Robertson, D., Barnes, C., Gerasimchuk, N. "Synthesis of the Monosubstituted Arylcyanoximes and its Na, Tl(I) and Ag(I) Compounds." *Journal of Coordination Chemistry*. **2004**, 57, N°14, p.1205-1216.
63. Eddings, D., Barnes, C., Gerasimchuk, N., Durham, P., Domasevich, K. "First Bivalent Palladium and Platinum Cyanoximates: Synthesis, Characterization and Biological Activity." *Inorganic Chemistry*. **2004**, 43, N°13, p.3894-3909.
62. Magda, D., Wang, Z., Gerasimchuk, N., Wenhao, W., Anzenbacher, P., Sessler, J. "Synthesis of Texaphyrin Conjugates." *Pure and Applied Chemistry*. **2004**, 76, N°2, p.365-374.
61. D. Magda, N.N. Gerasimchuk, P. Lecane, R.A. Miller, J.E. Biaglow, J.L. Sessler. "Motexafin gadolinium reacts with ascorbate to produce reactive oxygen species." *Chemical Communications*. **2002**, p.2730-2731.
60. S. Hannah, V. Lynch, D.M. Guldi, N.N. Gerasimchuk, C.B. MacDonald, D. Magda, J.L. Sessler. "Late First-Row Transition-Metal Complexes of Texaphyrin." *Journal of the American Chemical Society*. **2002**, 124, N°28, p.8416-8427.
59. S. Hannah, V.M. Lynch, N.N. Gerasimchuk, D. Magda, J.L. Sessler. "Synthesis of a Metal-Free Texaphyrin". *Organic Letters*. **2001**, 3, N°24, p.3911-3914.
58. D. Magda, C. Lepp, N.N. Gerasimchuk, I. Lee, J.L. Sessler, A. Lin, J.E. Biaglow, R.A. Miller. "Redox Cycling by Motexafin Gadolinium Enhances Cellular Response to Ionizing Radiation by Forming Reactive Oxygen Species." *International Journal Oncology, Biology and Physics*. **2001**, 51, N°4, p.1025-1036.
57. R. Shimanovich, S. Hannah, V. Lynch, N. Gerasimchuk, T.D. Mody, D. Magda, J. Sessler, J.T. Groves. "Mn(II)-texaphyrin as a catalyst for the decomposition of peroxyxynitrite." *Journal of the American Chemical Society*. **2001**, 123, p.3613-3614.
56. D.M. Guildi, T.D.Mody, N.N. Gerasimchuk, D. Magda, J.L. Sessler. "Influence of large metal cations on the photophysical properties of texaphyrin, a rigid aromatic chromophore." *Journal of the American Chemical Society*. **2000**, 122, p.8289-8298.
55. K.V. Domasevitch, N.N. Gerasimchuk, A.A. Mokhir. "Organoantimony(V)cyanoximates: synthesis, spectra and crystal structures." *Inorganic Chemistry*. **2000**, 39, N°6, p.1227-1237.
54. N.N. Gerasimchuk, Aida Gerges, T. Clifford, A. Danby, K. Bownam-James. "Dimanganese(II) accordion porphyrin as a functional model for Catalase." *Inorganic Chemistry*. **1999**, 38, N°24, p.5633-5636.

53. A.A. Mokhir, K.V. Domasevich, N.Kent Dalley, Xiaolan Kou, N.N. Gerasimchuk, O.A. Gerasimchuk. "Syntheses, crystal structures and coordination compounds of some 2-hetarylcyanoximes." *Inorganica Chimica Acta*. **1999**, 284, p.85-98.
52. N.N. Gerasimchuk, A.A. Mokhir, K.R. Rodgers. "Synthesis and characterization of dimeric mutually coordinated magnesium *meso*-2-pyridylporphyrins." *Inorganic Chemistry*. **1998**, 37, N^o21, p.5641-5650.
51. V.V. Ponomareva, K.V. Domasevich, Xiaolan Kou, N.N. Gerasimchuk, K.N. Dalley, V.V. Skopenko. "Synthesis, spectroscopic investigation and crystal structures of coordination compounds of Cu(II) with benzoylcyanoxime." *Russian Journal of Inorganic Chemistry*. **1997**, 42, N^o1, p.53-60.
50. K.V. Domasevich, N.N. Gerasimchuk, E.B. Rusanov, O.A.Gerasimchuk. "Synthesis and crystal structures of 2-quinolyl- and 2-benzthiazolylcyanoximates of Cesium." *Russian Journal of General Chemistry*. **1996**, 66, N^o4, p.635-640.
49. V.V. Ponomareva, N.K. Dalley, Xiaolan Kou, N.N. Gerasimchuk, K.V. Domasevich "Synthesis, spectra and crystal structures of complexes including ambidentate benzoylcyanoxime anion C₆H₅C(O)-C(NO)CN⁻." *Journal of the Chemical Society; Dalton Transactions*. **1996**, p.2351-2359.
48. N.N. Gerasimchuk, K. Bowman-James. "Mixed Donor Ligands." (Chapter in *Encyclopedia of Inorganic Chemistry*; Ed. B. King), v.5, p.2254-2269, 1994. John Wiley & Sons, England.
47. A.A.Mokhir, N.N.Gerasimchuk, E.V.Pol'shin, K.V.Domasevitch. "Synthesis, IR and Mossbauer study of bisorganotin complexes with cyanoximes." *Russian Journal of Inorganic Chemistry*. **1994**, 39, N^o2, p.289-293.
46. N.N. Gerasimchuk, K.V. Domasevitch, A.A. Kapshuk, A.N. Tchernega. "Coordination compounds of N,N-dimethylthioamidocyanoxime." *Russian Journal of Inorganic Chemistry*. **1993**, 38, N^o11, p.1718-1722.
45. D.A. Fedorenko, N.N. Gerasimchuk, K.V. Domasevich. "2-Oximinopyvaloylacetonitrile, the first 2-ketocyanoxime: synthesis and donor properties." *Russian Journal of Inorganic Chemistry*. **1993**, 38, N^o9, p.1433-1436.
44. N.N. Gerasimchuk, A.N. Tchernega, A.A. Kapshuk. "Synthesis, IR spectra and structure of complex Tl(I) with carbamoylcyanoxime HONC(CN)C(O)NH₂." *Russian Journal of Inorganic Chemistry*. **1993**, 38, N^o9, p.1530-1534.

43. N.N. Gerasimchuk, V.V. Skopenko, V.V. Ponomareva, K.V. Domasevitch. "The benzoylcyanoxime-ion and its properties as a ligand." *Russian Journal of Inorganic Chemistry*. **1993**, 38, N°6, p.964-970.
42. N.N. Gerasimchuk, Yu.A. Simonov, A.A. Dvorkin, O.N. Rebrova. "Synthesis, IR spectra and structure of lead(II) complex with amide-cyanoximate-ion $\text{ONC}(\text{CN})\text{C}(\text{O})\text{NH}_2^-$." *Russian Journal of Inorganic Chemistry*. **1993**, 38, N°2, p.247-252.
41. N.N. Gerasimchuk, O.A. Zhmurko, S.I. Tyukhtenko. "2-Pyridilcyanoxime and its complex compounds with copper(II) and nickel(II)." *Russian Journal of Inorganic Chemistry*. **1993**, 38, N°2, p.282-287.
40. K.V. Domasevitch, S.V. Lindeman, Yu.T. Struchkov, N.N. Gerasimchuk, O.A. Zhmurko. "Synthesis and investigation of Copper(II) complexes with N,N-dimethylacetamid-cyanoximate-ion: $\text{ONC}(\text{CN})\text{C}(\text{O})\text{N}(\text{CH}_3)_2^-$." *Russian Journal of Inorganic Chemistry*. **1993**, 38, N°1, p.98-103.
39. N.N. Gerasimchuk, L. Nagy, H-G. Schmidt, M. Noltemeyer, R.Bohra, H.W. Roesky. "Preparation, IR and X-ray crystal structure studies of Tl(I)-2-pyridilcyanoxime complex." *Z. Naturforschung*. **1992**, 47b, p.1741-1745.
38. N.N. Gerasimchuk, V.V. Skopenko, K.V. Domasevitch, O.A. Zhmurko. "Synthesis and investigation of some heterocyclic cyanoximes and their coordination compounds." *Ukrainskii Khimicheskii Zhurnal*. **1992**, 58, N°11, p.935-949.
37. O.A. Zhmurko, V.V. Skopenko, S.T. Malinovskii, N.N. Gerasimchuk. "Crystal and molecular structure of the 2-quinolylcyanoxime." *Doklady Akademii Nauk Ukraini*. **1992**, N°11, p.131-136.
36. Yu.A. Simonov, V.V. Skopenko, O.A. Zhmurko, N.N. Gerasimchuk, Jan Lipkovskii "Structure of the first heterocyclic cyanoxime – 2-oximino-2-pyridyneacetonitrile." *Doklady Akademii Nauk Ukraini*. **1992**, N°10, p.146-150.
35. N.N. Gerasimchuk, K.V. Domasevitch. "Stability of tris-(cyanoximato)-ferrates(II) in aqueous solutions." *Russian Journal of Inorganic Chemistry*. **1992**, 37, N°10, p.1163-1167.
34. K.V. Domasevitch, N.N. Gerasimchuk. "2-Cyano-2-isonitroso-N,N-dimethyl-thioacetamide $\text{HONC}(\text{CN})\text{C}(\text{S})\text{N}(\text{CH}_3)_2$ - member of a family of nonlinear cyanoxime acidoligands." *Ukrainskii Khimicheskii Zhurnal*. **1992**, 58, N°8, p.603-607.
33. N.N. Gerasimchuk, L. Nagy, H.G. Schmidt, H. Roesky. "New IR spectroscopic criterion of determination of the NO-group binding mode according to IR spectra and structure of Tl(I) 2-pyridilecyanoxime complex." *Russian Journal of Inorganic Chemistry*. **1992**, 37, N°4, p.818-823.

32. N.N. Gerasimchuk, L. Nagy, V.V. Skopenko. "Unusual magnetic properties of the Iron(III) complex $[\text{Fe}(\text{dipy})_2\{\text{ONC}(\text{CN})_2\}_2]\{\text{ONC}(\text{CN})_2\} \cdot \text{CH}_3\text{CN}$: Experimental facts." *Doklady Akademii Nauk Ukrainskoi RSR*. **1991**, part A, N^o7, p.118-121.
31. N.N. Gerasimchuk, E. Kuzmann, A. Buki, A. Vertes, L. Nagy, K. Burger. "Synthesis, IR-, Mossbauer studies of Eu(3+) complexes formed with cyanoxime anions." *Inorganica Chimica Acta*. **1991**, 188, N^o11, p.45-50.
30. N.N. Gerasimchuk, O.A. Zhmurko, V.Y. Zub. "Synthesis and properties of the $[\text{M}\{\text{ONC}(\text{CN})\text{C}(\text{O})\text{NHNH}_2\}](n \cdot \text{H}_2\text{O})$; M=Cu(II), Ni(II)." *Ukrainskii Khimichesk Zhurnal*. **1991**, 57, N^o3, p.246-249.
29. Yu.A.Simonov, O.A.Domashevskaya, V.V.Skopenko, A.A.Dvorkin, N.N.Gerasimchuk. "Crystal and molecular structure of the $[\text{Cu}(\text{dipy})\text{Br}\{\text{ONC}(\text{CN})\text{C}(\text{S})\text{NH}_2\}] \cdot (1,4\text{-dioxane})$ complex." *Koordinatsionnaya Khimiya*. **1991**, 17, N^o5, p.702-706.
28. O.A.Domashevskaya, Yu.A.Simonov, N.N.Gerasimchuk, A.A.Dvorkin, M.D.Mazus. "Synthesis and crystal structure of nickel(II) complex with a tetraamino- aliphatic ligand and an $\text{ONC}(\text{CN})\text{C}(\text{S})\text{NH}_2^-$ - ion." *Russian Journal of Coordination Chemistry*. **1990**, 16, N^o11, p.1544-1548.
27. O.A. Domashevskaya, V.V. Skopenko, N.N. Gerasimchuk, G.A. Zvereva, G.M. Larin. "Nitrosothiocarbamylcyanmethanide compounds of Copper(II) and Nickel(II)." *Koordinatsionnaya Khimiya*. **1990**, 16, N^o5, p.630-635.
26. Yu.A. Simonov, A.A. Dvorkin, N.N. Gerasimchuk, K.V. Domasevitch, T.I. Malinovskii. "Crystal structure of a new cyanoxime - 2-Nitroso-2-cyan-N,N-dimethylacetamide." *Kristallografiya*. **1990**, 35, N^o3, p.766-768.
25. N.N. Gerasimchuk, V.V. Skopenko, V.V. Gritsenko, V.A. Gordeev. "Benzoylcyanamide compounds of Copper(II) and Nickel(II)." *Ukrainskii Khimicheskii Zhurnal*. **1989**, 55, N^o10, p.1011-1014.
24. O.A. Domashevskaya, M.D. Mazus, N.N.Gerasimchuk, A.A. Dvorkin, Yu.A. Simonov. "Crystal and molecular structure of Cesium and Rubidium nitrosocarbamoyl-cyanmethanides." *Russian Journal of Inorganic Chemistry*. **1989**, 34, N^o7, p.1656-1660.
23. S.V. Garbuz, V.V. Skopenko, V.D. Khav'ruchenko, N.N. Gerasimchuk. "Quantum-chemical modeling of solvation processes of dicyanamide- and tricyanomethanide- ions." *Teoreticheskaya i Eksperimentalnaya Khimiya*. **1989**, N^o1, p.92-96 (English translation: *Theoretical and Experimental Chemistry* p.82-83).
22. V.V. Skopenko, G.K. Palii, N.N. Gerasimchuk, E.F. Makats, V.V. Gritsenko. "Copper(II) and Nickel(II) benzoylcyanamides showing the antibacterial activity." *Dopovidi Akademii Nauk Ukrainskoi RSR*. **1989**, part B, N^o7, p.51-53.

21. K.V. Domasevitch, V.V. Skopenko, N.N. Gerasimchuk. "2-Nitroso-2-cyan-N,N-dimethylacetamide-ion: $\text{ONC}(\text{CN})\text{C}(\text{O})\text{N}(\text{CH}_3)_2^-$ - a new non-planar methanide-type acidoligand." *Doklady Akademii Nauk Ukrainiskoi RSR*. **1989**, part B, N^o5, p.26-31.
20. O.A. Zhmurko, V.V. Skopenko, N.N. Gerasimchuk. "2-Isonitroso-2- cyanacethydrazide ion $\text{ONC}(\text{CN})\text{C}(\text{O})\text{NHNH}_2^-$ - new non-linear cyanoxime acidoligand." *Doklady Akademii Nauk Ukrainiskoi RSR*. **1989**, part B, N^o4, p.37-41.
19. O.A. Domashevskaya, M.D. Mazus, A.A. Dvorkin, Yu.A. Simonov, N.N. Gerasimchuk. "Structure of potassium salt of $\text{ONC}(\text{CN})\text{C}(\text{O})\text{NH}_2^-$ ion." *Russian Journal of Inorganic Chemistry*. **1988**, 33, N^o12, p.3026-3030.
18. S.I. Tyukhtenko, A.T. Pilipenko, N.N. Gerasimchuk, T.I. Makarenko. "Synthesis, separation and NMR-investigation of the Cobalt(III) 1-nitroso-2-naphtolates. *Doklady Akademii Nauk UkSSR*, **1988**, part B, N^o8, p.57-60.
17. N.V. Ul'ko, N.N. Gerasimchuk. "Synthesis and spectroscopic investigations of the Iron(III) coordination compounds with nitrosocarbamoylcyanmethanide-ion $\text{ONC}(\text{CN})\text{C}(\text{O})\text{NH}_2^-$." *Vestnik Kievskogo Universiteta*. **1988**, part Chemistry, N^o29, p.39-43.
16. V.V. Gritsenko, V.V. Skopenko, N.N. Gerasimchuk. "Synthesis and some properties of the Copper(II) and Nickel(II) complexes with benzoylcyanamide." *Dopovidi Akademii Nauk Ukrainiskoi RSR*. **1988**, part A, N^o4, p.82-85.
15. S.V. Garbuz, V.V. Skopenko, N.N. Gerasimchuk, A.M. Shakhvorost. "Solvation of tetraphenylphosphonium dicyanamide." *Teoreticheskaya i Eksperimentalnaya Khimiya*. **1988**, 24, N^o3, p.361-366 (English translation: *Theoretical and Experimental Chemistry*. p.351-355).
14. V.D. Khavr'uchenko, O.A. Domashevskaya, N.N. Gerasimchuk, V.V. Skopenko. "Vibrational spectrum and structure of nitrosothiocarbamylcyanmethanid-ion. *Teoreticheskaya i Eksperimentalnaya Khimia*. **1988**, 24, N^o3, p.303-312 (English translation: *Theoretical and Experimental Chemistry*, p.296-305).
13. O.A. Domashevskaya, V.D. Khavr'uchenko, N.N. Gerasimchuk. "Quantum-chemical calculations and NMR spectra of nitrosothiocarbamylcyanmethanid-ion and its oxo-analogue." *Ukrainskii Khimicheskii Zhurnal*. **1988**, 54, N^o3, p.235-240.
12. S.I. Tyukhtenko, N.P. Bernik, N.N. Gerasimchuk, T.I. Makarenko, A.T. Pilipenko. "The conformational state of 1-nitroso-2-naphtol in solutions determined by the dynamic ¹H and ¹³C data." *Dopovidi Akademii Nauk Ukrainiskoi RSR*, **1987**, part B, N^o11, p.60-64.
11. V.V. Skopenko, N.N. Gerasimchuk, S.I. Tyukhtenko, H. Köhler. "Spectroscopische untersuchungen an Eisen(II)-nitrosodicyanmethanid- und nitrosocarbamoyl-cyanmethanid Komplexen $[\text{Fe}\{\text{ONC}(\text{CN})_2\}_2(\text{C}_5\text{H}_5\text{N})_4]$ und $[\text{Fe}\{\text{ONC}(\text{CN})\text{C}(\text{O})\text{NH}_2\}_2(\text{C}_5\text{H}_5\text{N})_2]$." *Z. Anorganische und Allgemeine Chemie*. **1986**, 542, p.65-70.

10. V.V. Skopenko, N.N. Gerasimchuk, S.A. Bobkova, R. Benedix, H. Hennig. "Magnetochemische und Mossbauer- spectroscopische Untersuchungen an Eisen(II)-Komplexen mit Cyanmethanid-bzw-cyanamid liganden." *Z. Anorganische und Allgemeine Chemie*. **1986**, 542, p.117-122.
9. V.V.Skopenko, O.A. Domashevskaya, N.N.Gerasimchuk, S.I. Tyukhtenko. "Nitrosotiocarbamoyl-cyanmethanide-ion $\text{ONC}(\text{CN})\text{C}(\text{S})\text{NH}_2$ a new, nonlinear acidoligand of the methanide type. *Ukrainskii Khimicheskii Zhurnal*. **1986**, 52, N^o7, p.686-691.
8. V.V.Skopenko, G.K. Palii, E.P. Makats, N.N.Gerasimchuk. "Outer-sphere *tris*-diamine complexes of Iron(II) and their antimicrobial activity." *Dopovidi Akademii Nauk Ukrainskoi RSR*. **1986**, part B, N^o2, p.45-48.
7. S.I. Tyukhtenko, N.P. Bernik, A.T. Pilipenko, Y.M. Volovenko, N.N.Gerasimchuk. "Tautomerism and solvation of 2-oximino-2-quinolylacetonitrile by the data of ^{13}C and ^1H NMR-spectroscopy." *Dopovidi Akademii Nauk Ukrainskoi RSR*. **1986**, part B, N^o1, p.58-62.
6. N.N. Gerasimchuk, V.V. Skopenko, S.I. Tyukhtenko. "Outer-sphere *tris*-diamine complexes of Fe(II) with acidoligands of methanide and amide types." *Ukrainskii Khimicheskii Zhurnal*. **1985**, 51, N^o3, p.232-238.
5. N.N. Gerasimchuk, V.V. Skopenko, S.I. Tyukhtenko. "Solvation of Potassium nitrosodicyanmetanide $\text{K}\{\text{ONC}(\text{CN})_2\}$ by data of ^{14}N and ^{13}C NMR spectroscopy." *Dopovidi Akademii Nauk Ukrainskoi RSR*. **1984**, part B, p.33-37.
4. V.V.Skopenko, N.N.Gerasimchuk, E.V.Pol'shin. "Synthesis and study of complexes of Iron(II) with amide and methanide type acidoligands." *Koordinatsionnaya Khimiya*. **1984**, 10, N^o12, p.1662-1668.
3. N.N. Gerasimchuk, V.V. Skopenko, S.I. Tyukhtenko. " ^{13}C -spectra of $\text{K}\{\text{C}(\text{CN})_3\}$, $\text{K}\{\text{ONC}(\text{CN})_2\}$, $\text{K}\{\text{N}(\text{CN})_2\}$ and their carbamoyl derivatives." *Doklady Akademii Nauk UkSSR*. **1984**, part B, N^o9, p.28-30.
2. V.V. Skopenko, N.N. Gerasimchuk, E.V. Pol'shin. "Nitrosocarbamilcyanmethanide complexes of Iron(II)." *Doklady Akademii Nauk UkSSR*. **1983**, part B, N^o12, p.40-43.
1. V.V. Skopenko, N.N. Gerasimchuk. "Synthesis of the Iron (II) coordination compounds with amide and methanide types of acidoligands." *Doklady Akademii Nauk UkSSR*. **1983**, part B, N^o2, p.44-46.