

# Gregory Yu Ivanyuk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8801882/publications.pdf>

Version: 2024-02-01

64  
papers

757  
citations

516561

16  
h-index

642610

23  
g-index

65  
all docs

65  
docs citations

65  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rare Earth Deposits of the Murmansk Region, Russia—A Review. <i>Economic Geology</i> , 2016, 111, 1529-1559.	1.8	39
2	Scandium of the Kovdor baddeleyite—apatite—magnetite deposit (Murmansk Region, Russia): Mineralogy, spatial distribution, and potential resource. <i>Ore Geology Reviews</i> , 2016, 72, 532-537.	1.1	39
3	Crystal chemistry of natural layered double hydroxides. 1. Quintinite-2 $\text{H}_3\text{C}$ from the Kovdor alkaline massif, Kola peninsula, Russia. <i>Mineralogical Magazine</i> , 2010, 74, 821-832.	0.6	38
4	Economic minerals of the Kovdor baddeleyite-apatite-magnetite deposit, Russia: mineralogy, spatial distribution and ore processing optimization. <i>Ore Geology Reviews</i> , 2016, 77, 279-311.	1.1	33
5	Crystal chemistry of natural layered double hydroxides. 2. Quintinite-1 $\text{M}$ : first evidence of a monoclinic polytype in $\text{M}^{2+}$ - $\text{M}^{3+}$ layered double hydroxides. <i>Mineralogical Magazine</i> , 2010, 74, 833-840.	0.6	32
6	Crystal chemistry of natural layered double hydroxides. 3. The crystal structure of Mg,Al-disordered quintinite-2 $\text{H}$ . <i>Mineralogical Magazine</i> , 2010, 74, 841-848.	0.6	32
7	3D mineralogical mapping of the Kovdor phoscorite—carbonatite complex (Russia). <i>Mineralium Deposita</i> , 2016, 51, 131-149.	1.7	26
8	Trap formation of the Kola peninsula. <i>Petrology</i> , 2011, 19, 87-101.	0.2	24
9	Calcium Oxalates in Lichens on Surface of Apatite-Nepheline Ore (Kola Peninsula, Russia). <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 656.	0.8	24
10	CERITE-(La), $(\text{La,Ce,Ca})_9(\text{Fe,Ca,Mg})(\text{SiO}_4)_3[\text{SiO}_3(\text{OH})]_4(\text{OH})_3$ , A NEW MINERAL SPECIES FROM THE Khibina Alkaline Massif: Occurrence and Crystal Structure. <i>Canadian Mineralogist</i> , 2002, 40, 1177-1184.	0.3	23
11	THE CRYSTAL STRUCTURE OF NACAPHITE, $\text{Na}_2\text{Ca}(\text{PO}_4)\text{F}$ : A RE-INVESTIGATION. <i>Canadian Mineralogist</i> , 2007, 45, 915-920.	0.3	23
12	Crystal chemistry of natural layered double hydroxides: 4. Crystal structures and evolution of structural complexity of quintinite polytypes from the Kovdor alkaline-ultrabasic massif, Kola peninsula, Russia. <i>Mineralogical Magazine</i> , 2018, 82, 329-346.	0.6	23
13	CHLORBARTONITE, $\text{K}_6\text{Fe}_{24}\text{S}_{26}(\text{Cl,S})$ , A NEW MINERAL SPECIES FROM A HYDROTHERMAL VEIN IN THE Khibina Massif, Kola Peninsula, Russia: Description and Crystal Structure. <i>Canadian Mineralogist</i> , 2003, 41, 503-511.	0.3	18
14	PUNKARUAVITE, $\text{LiTi}_2[\text{Si}_4\text{O}_{11}(\text{OH})](\text{OH})_2 \cdot \text{H}_2\text{O}$ , A NEW MINERAL SPECIES FROM HYDROTHERMAL ASSEMBLAGES, Khibiny and Lovozero Alkaline Massifs, Kola Peninsula, Russia. <i>Canadian Mineralogist</i> , 2010, 48, 41-50.	0.3	17
15	Subsolidus Evolution of the Magnetite-Spinel-Ulv—Spinel Solid Solutions in the Kovdor Phoscorite-Carbonatite Complex, NW Russia. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 215.	0.8	17
16	Fractal analysis of seismic and geological data. <i>Tectonophysics</i> , 1997, 269, 247-257.	0.9	16
17	Selivanovaite, $\text{NaTi}_3(\text{Ti,Na,Fe,Mn})_4[(\text{Si}_2\text{O}_7)_2\text{O}_4(\text{OH},\text{H}_2\text{O})_4] \cdot n\text{H}_2\text{O}$ , a new rock-forming mineral from the eudialyte-rich malignite of the Lovozero alkaline massif (Kola Peninsula, Russia). <i>European Journal of Mineralogy</i> , 2018, 30, 525-535.	0.4	16
18	PAKHOMOVSKYITE, $\text{Co}_3(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$ , A NEW MINERAL SPECIES FROM KOVDOR, KOLA PENINSULA, RUSSIA. <i>Canadian Mineralogist</i> , 2006, 44, 117-123.	0.3	15

#	ARTICLE	IF	CITATIONS
19	REE mineralogy and geochemistry of the Western Keivy peralkaline granite massif, Kola Peninsula, Russia. <i>Ore Geology Reviews</i> , 2017, 82, 181-197.	1.1	15
20	Yakovenchukite-(Y), $K_3NaCaY_2(Si_{12}O_{30})(H_2O)_4$ , a new mineral from the Khibiny massif, Kola Peninsula, Russia: A novel type of octahedral-tetrahedral open-framework structure. <i>American Mineralogist</i> , 2007, 92, 1525-1530.	0.9	14
21	Whiteite-(CaMnMn), $CaMnMn_2Al_2[PO_4]_4(OH)_2 \cdot 8H_2O$ , a new mineral from the Hagendorf-S $\frac{1}{4}$ d granitic pegmatite, Germany. <i>Mineralogical Magazine</i> , 2012, 76, 2761-2771.	0.6	14
22	Titanite Ores of the Khibiny Apatite-Nepheline-Deposits: Selective Mining, Processing and Application for Titanosilicate Synthesis. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 446.	0.8	14
23	Three-D Mineralogical Mapping of the Kovdor Phoscorite-Carbonatite Complex, NW Russia: III. Pyrochlore Supergroup Minerals. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 277.	0.8	14
24	Loparite-(Ce) in rocks of the Lovozero layered complex at Mt. Karnasurt and Mt. Kedykvyrpakhk. <i>Geology of Ore Deposits</i> , 2014, 56, 685-698.	0.2	13
25	Application of titanium-containing sorbents for treating liquid radioactive waste with the subsequent conservation of radionuclides in Synroc-type titanate ceramics. <i>Theoretical Foundations of Chemical Engineering</i> , 2016, 50, 598-606.	0.2	13
26	Amphiboles of the Khibiny alkaline pluton, Kola Peninsula, Russia. <i>Geology of Ore Deposits</i> , 2008, 50, 720-731.	0.2	11
27	Three-D Mineralogical Mapping of the Kovdor Phoscorite-Carbonatite Complex, NW Russia: I. Forsterite. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 260.	0.8	11
28	Hydroxynatropyrochlore, $(Na, \text{Dj}, Ce)_{2} Nb_{2} O_{6} (OH)$ , a new member of the pyrochlore group from the Kovdor phoscorite-carbonatite pipe, Kola Peninsula, Russia. <i>Mineralogical Magazine</i> , 2019, 83, 107-113.	0.6	11
29	Chivruaiite, $Ca_4(Ti, Nb)_5[(Si_6O_{17})_2[(OH, O)_5] \cdot 13-14H_2O]$ , a new mineral from hydrothermal veins of Khibiny and Lovozero alkaline massifs. <i>American Mineralogist</i> , 2006, 91, 922-928.	0.9	10
30	Cation Ordering and Superstructures in Natural Layered Double Hydroxides. <i>Chimia</i> , 2010, 64, 730.	0.3	9
31	Crystal Chemistry of Pyroaurite from the Kovdor Pluton, Kola Peninsula, Russia, and the L $\ddot{A}$ ngban Fe-Mn deposit, V $\ddot{A}$ rmland, Sweden. <i>Geology of Ore Deposits</i> , 2017, 59, 652-661.	0.2	9
32	Batagayite, $CaZn_2(Zn, Cu)_6(PO_4)_4(PO_3OH)_3 \cdot 12H_2O$ , a new phosphate mineral from K $\ddot{A}$ ster tin deposit (Yakutia, Russia): occurrence and crystal structure. <i>Mineralogy and Petrology</i> , 2018, 112, 591-601.	0.4	9
33	Corundum-group minerals in rocks of the Khibiny alkaline pluton, Kola Peninsula. <i>Geology of Ore Deposits</i> , 2007, 49, 590-598.	0.2	8
34	Kampelite, $Ba_3Mg_{1.5}Sc_4(PO_4)_6(OH)_3 \cdot 4H_2O$ , a new very complex Ba-Sc phosphate mineral from the Kovdor phoscorite-carbonatite complex (Kola Peninsula, Russia). <i>Mineralogy and Petrology</i> , 2018, 112, 111-121.	0.4	8
35	Armbrusterite, $K_5Na_6Mn_3 + Mn_{142} + [Si_9O_{22}]_4(OH)_{10} \cdot 4H_2O$ , a new Mn hydrous heterophyllosilicate from the Khibiny alkaline massif, Kola Peninsula, Russia. <i>American Mineralogist</i> , 2007, 92, 416-423.	0.9	7
36	Pyroxenes of the Khibiny alkaline pluton, Kola Peninsula. <i>Geology of Ore Deposits</i> , 2008, 50, 732-745.	0.2	7

#	ARTICLE	IF	CITATIONS
37	Rock-Forming feldspars of the Khibiny alkaline pluton, Kola Peninsula, Russia. <i>Geology of Ore Deposits</i> , 2010, 52, 736-747.	0.2	7
38	STRONTIOFLUORITE, SrF <sub>2</sub> , A NEW MINERAL SPECIES FROM THE Khibiny MASSIF, KOLA PENINSULA, RUSSIA. <i>Canadian Mineralogist</i> , 2010, 48, 1487-1492.	0.3	7
39	Three-D Mineralogical Mapping of the Kovdor Phoscorite-Carbonatite Complex, NW Russia: II. Sulfides. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 292.	0.8	7
40	Beryllium Mineralogy of the Kola Peninsula, Russia—A Review. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 12.	0.8	7
41	The application of thin nematic liquid crystal layers to mineral analysis. <i>Liquid Crystals</i> , 1993, 14, 1599-1606.	0.9	6
42	Kalsilite of the Khibiny and Lovozero alkaline plutons, Kola Peninsula. <i>Geology of Ore Deposits</i> , 2009, 51, 822-826.	0.2	6
43	Spinel-group minerals in rocks of the Khibiny alkaline pluton, Kola Peninsula. <i>Geology of Ore Deposits</i> , 2007, 49, 599-606.	0.2	5
44	Polezhaevaite-(Ce), NaSrCeF <sub>6</sub> , a new mineral from the Khibiny massif (Kola Peninsula, Russia). <i>American Mineralogist</i> , 2010, 95, 1080-1083.	0.9	5
45	Elisevite, Na <sub>1.5</sub> Li[Ti <sub>2</sub> Si <sub>4</sub> O <sub>12.5</sub> (OH) <sub>1.5</sub> ]{middle dot}2H <sub>2</sub> O, a new microporous titanosilicate from the Lovozero alkaline massif (Kola Peninsula, Russia). <i>American Mineralogist</i> , 2011, 96, 1624-1629.	0.9	5
46	Topography formation as an element of lithospheric self-organization. <i>Russian Geology and Geophysics</i> , 2013, 54, 1071-1082.	0.3	5
47	Eudialyte-group minerals in rocks of Lovozero layered complex at Mt. Karnasurt and Mt. Kedykvyrpakhk. <i>Geology of Ore Deposits</i> , 2015, 57, 600-613.	0.2	5
48	Chirvinskyite, (Na,Ca) <sub>13</sub> (Fe,Mn,â—i)2(Ti,Nb)2(Zr,Ti)3-(Si <sub>2</sub> O <sub>7</sub> ) <sub>4</sub> (OH,O,F) <sub>12</sub> , a New Mineral with a Modular Wallpaper Structure, from the Khibiny Alkaline Massif (Kola Peninsula, Russia). <i>Minerals (Basel,)</i> Tj ETQq0 0 0 rgBT /08erlock 30 Tf 50 29		
49	Ivanyukite-Group Minerals: Crystal Structure and Cation-Exchange Properties. , 2011, , 205-211.		5
50	First Natural Pharmacosiderite-Related Titanosilicates and Their Ion-Exchange Properties. , 2008, , 27-35.		4
51	Loparite-(Ce) from the Khibiny Alkaline Pluton, Kola Peninsula, Russia. <i>Geology of Ore Deposits</i> , 2017, 59, 729-737.	0.2	4
52	Insights into crystal chemistry of the vesuvianite-group: manaevite-(Ce), a new mineral with complex mechanisms of its hydration. <i>Physics and Chemistry of Minerals</i> , 2020, 47, 1.	0.3	4
53	ELLINGSENITE, Na <sub>5</sub> Ca <sub>6</sub> Si <sub>18</sub> O <sub>38</sub> (OH) <sub>13</sub> {middle dot}6H <sub>2</sub> O, A NEW MARTINITE-RELATED MINERAL SPECIES FROM PHONOLITE OF THE ARIS ALKALINE COMPLEX, NAMIBIA. <i>Canadian Mineralogist</i> , 2011, 49, 1165-1173.	0.3	3
54	Typomorphism of fluorapatite in the Khibiny alkaline pluton, Kola Peninsula. <i>Geology of Ore Deposits</i> , 2014, 56, 576-588.	0.2	3

#	ARTICLE	IF	CITATIONS
55	Kihlmanite-(Ce), $Ce_2TiO_2[SiO_4](HCO_3)_2(H_2O)$ , a new rare-earth mineral from the pegmatites of the Khibiny alkaline massif, Kola Peninsula, Russia. <i>Mineralogical Magazine</i> , 2014, 78, 483-496.	0.6	3
56	Typochemistry of rinkite and products of its alteration in the Khibiny Alkaline pluton, Kola Peninsula. <i>Geology of Ore Deposits</i> , 2015, 57, 614-625.	0.2	2
57	Hydrochloric Acidic Processing of Titanite Ore to Produce a Synthetic Analogue of Korobitsynite. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 315.	0.8	2
58	KRIVOVICHEVITE, $Pb_3[Al(OH)_6](SO_4)(OH)$ , A NEW MINERAL SPECIES FROM THE LOVOZERO ALKALINE MASSIF, KOLA PENINSULA, RUSSIA. <i>Canadian Mineralogist</i> , 2007, 45, 451-456.	0.3	1
59	Structural and compositional zoning and formation conditions of the Greater Eastern Litsa BIF occurrence, Kola Peninsula. <i>Geology of Ore Deposits</i> , 2008, 50, 670-680.	0.2	1
60	Native elements in rocks of the banded iron formation, Kola Peninsula. <i>Geology of Ore Deposits</i> , 2009, 51, 525-536.	0.2	1
61	Features of Low-Temperature Alteration of Ti- and Nb-Phyllosilicates Under Laboratory Conditions. , 2008, , 143-151.		1
62	UlvÅspinel from xenoliths of contact-altered volcanic and volcanosedimentary rocks in nepheline syenites of the Khibiny and Lovozero plutons. <i>Geology of Ore Deposits</i> , 2012, 54, 575-579.	0.2	0
63	Minerals of zirconolite group from fenitized xenoliths in nepheline syenites of Khibiny and Lovozero plutons, Kola Peninsula. <i>Geology of Ore Deposits</i> , 2015, 57, 591-599.	0.2	0
64	Chivruaiite, a New Mineral with Ion-Exchange Properties. , 2008, , 57-63.		0