

Marina A Yudovskaya

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The origin of chromitites and related PGE mineralization in the Bushveld Complex: new mineralogical and petrological constraints. <i>Mineralium Deposita</i> , 2012, 47, 209-232.	4.1	151
2	Geology, composition, and genesis of the Sukhoi Log noble metals deposit, Russia. <i>Ore Geology Reviews</i> , 2004, 24, 7-44.	2.7	94
3	Natural quasicrystal with decagonal symmetry. <i>Scientific Reports</i> , 2015, 5, 9111.	3.3	81
4	Impact-induced shock and the formation of natural quasicrystals in the early solar system. <i>Nature Communications</i> , 2014, 5, 4040.	12.8	71
5	Gaseous transport and deposition of gold in magmatic fluid: evidence from the active Kudryavy volcano, Kurile Islands. <i>Mineralium Deposita</i> , 2006, 40, 828-848.	4.1	70
6	Behavior of highly-siderophile elements during magma degassing: A case study at the Kudryavy volcano. <i>Chemical Geology</i> , 2008, 248, 318-341.	3.3	67
7	Decagonite, Al ₇₁ Ni ₂₄ Fe ₅ , a quasicrystal with decagonal symmetry from the Khatyrka CV3 carbonaceous chondrite. <i>American Mineralogist</i> , 2015, 100, 2340-2343.	1.9	61
8	Petrogenesis of the Lower Zone Olivine-Rich Cumulates Beneath the Platreef and Their Correlation with Recognized Occurrences in the Bushveld Complex. <i>Economic Geology</i> , 2013, 108, 1923-1952.	3.8	55
9	Sources of unique rhenium enrichment in fumaroles and sulphides at Kudryavy volcano. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 889-909.	3.9	46
10	Khatyrka, a new CV3 find from the Koryak Mountains, Eastern Russia. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1499-1514.	1.6	44
11	Steinhardtite, a new body-centered-cubic allotropic form of aluminum from the Khatyrka CV3 carbonaceous chondrite. <i>American Mineralogist</i> , 2014, 99, 2433-2436.	1.9	37
12	Zonation of Merensky-Style Platinum-Group Element Mineralization in Turfspruit Thick Reef Facies (Northern Limb of the Bushveld Complex)*. <i>Economic Geology</i> , 2017, 112, 1333-1365.	3.8	35
13	Relationship between metamorphism and ore formation at the Sukhoi Log gold deposit hosted in black slates from the data of U-Th-Pb isotopic SHRIMP-dating of accessory minerals. <i>Geology of Ore Deposits</i> , 2011, 53, 27-57.	0.7	34
14	Gold mineralisation and orogenic metamorphism in the Lena province of Siberia as assessed from Chertovo Koryto and Sukhoi Log deposits. <i>Geoscience Frontiers</i> , 2016, 7, 453-481.	8.4	34
15	Chromite in the Platreef (Bushveld Complex, South Africa): occurrence and evolution of its chemical composition. <i>Mineralium Deposita</i> , 2010, 45, 369-391.	4.1	33
16	Low-Sulfide Platinum Group Element Ores of the Norilsk-Talnakh Camp. <i>Economic Geology</i> , 2020, 115, 1267-1303.	3.8	30
17	Trace-element study and age dating of zircon from chromitites of the Bushveld Complex (South) Tj ETQq1 1 0.784314 rgBT /Qoverlock 10	1.1	27
18	FACIES VARIATION IN PGE MINERALIZATION IN THE CENTRAL PLATREEF OF THE BUSHVELD COMPLEX, SOUTH AFRICA. <i>Canadian Mineralogist</i> , 2011, 49, 1349-1384.	1.0	25

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19	The Waterberg Platinum Group Element Deposit: Atypical Mineralization in Mafic-Ultramafic Rocks of the Bushveld Complex, South Africa. <i>Economic Geology</i> , 2017, 112, 1367-1394.	3.8	24
20	Reverse Compositional Zoning in the Uitkomst Chromitites as an Indication of Crystallization in a Magmatic Conduit. <i>Journal of Petrology</i> , 2015, 56, 2373-2394.	2.8	23
21	Introduction to a Special Issue on the Norilsk-Talnakh Ni-Cu-Platinum Group Element Deposits. <i>Economic Geology</i> , 2020, 115, 1157-1172.	3.8	23
22	Geochronological evidence for an extension of the Northern Lobe of the Bushveld Complex, Limpopo Province, South Africa. <i>Precambrian Research</i> , 2016, 280, 61-75.	2.7	22
23	Oxide-Sulfide-Melt-Bubble Interactions in Spinel-Rich Tactitic Rocks of the Norilsk-Talnakh Intrusions, Polar Siberia. <i>Economic Geology</i> , 2020, 115, 1305-1320.	3.8	21
24	Bushveld symplectic and sieve-textured chromite is a result of coupled dissolution-precipitation: a comparison with xenocrystic chromite reactions in arc basalt. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	19
25	Re-Os and S isotope evidence for the origin of Platreef mineralization (Bushveld Complex). <i>Geochimica Et Cosmochimica Acta</i> , 2017, 214, 282-307.	3.9	17
26	Native gold from volcanic gases at Tolbachik 1975-76 and 2012-13 Fissure Eruptions, Kamchatka. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 307, 200-209.	2.1	16
27	The sources of mineralizing fluids of orogenic gold deposits of the Baikal-Patom and Muya areas, Siberia: Constraints from the C and N stable isotope compositions of fluid inclusions. <i>Ore Geology Reviews</i> , 2019, 111, 102988.	2.7	16
28	Platinum-group minerals of the F and T zones, Waterberg Project, far northern Bushveld Complex: implication for the formation of the PGE mineralization. <i>Mineralogical Magazine</i> , 2018, 82, 539-575.	1.4	13
29	Introduction to the special issue on the Flatreef PGE-Ni-Cu deposit, northern limb of the Bushveld Igneous Complex. <i>Mineralium Deposita</i> , 2021, 56, 1-10.	4.1	13
30	Platinum Group Element Enrichment of Natural Quenched Sulfide Solid Solutions, the Norilsk 1 Deposit, Russia. <i>Economic Geology</i> , 2020, 115, 1343-1361.	3.8	12
31	Geochemistry and PGE of the lower mineralized Zone of the Waterberg Project, South Africa. <i>Ore Geology Reviews</i> , 2018, 92, 161-185.	2.7	11
32	Spatial Association Between Platinum Minerals and Magmatic Sulfides Imaged with the Maia Mapper and Implications for the Origin of the Chromite-Sulfide-PGE Association. <i>Canadian Mineralogist</i> , 2021, , .	1.0	10
33	Detrital zircon U-Pb ages of Paleo- to Neoproterozoic black shales of the Baikal-Patom Highlands in Siberia with implications to timing of metamorphism and gold mineralization. <i>Journal of Asian Earth Sciences</i> , 2019, 174, 37-58.	2.3	9
34	Role of magmatic and fluid concentrating in formation of platinum mineralization in the Lower Zone and Platreef as follows from composition of phlogopite, cumulus silicates, and sulfide melt, the northern limb of Bushveld Complex. <i>Geology of Ore Deposits</i> , 2014, 56, 451-478.	0.7	7
35	Evidence for olivine deformation in kimberlites and other mantle-derived magmas during crustal emplacement. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	3.1	7
36	Abramovite, Pb ₂ SnInBiS ₇ , a new mineral species from fumaroles of the Kudryavy volcano, Kurile Islands, Russia. <i>Geology of Ore Deposits</i> , 2008, 50, 551-555.	0.7	5

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37	Formation of Spinel-Orthopyroxene Symplectites by Reactive Melt Flow: Examples from the Northern Bushveld Complex and Implications for Mineralization in Layered Intrusions. <i>Economic Geology</i> , 2022, 117, 1935-1960.	3.8	4
38	High-temperature gold-copper extraction with chloride flux in lava tubes of Tolbachik volcano (Kamchatka). <i>Terra Nova</i> , 2019, 31, 511-517.	2.1	1