

Pavel A Serov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Earlyâ€“Middle Paleozoic granitoids in Gorny Altai, Russia: Implications for continental crust history and magma sources. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 928-948.	2.3	61
2	The Shakhtama porphyry Mo ore-magmatic system (<i>eastern Transbaikalia</i>): age, sources, and genetic features. <i>Russian Geology and Geophysics</i> , 2013, 54, 587-605.	0.7	39
3	The tectonomagmatic evolution of structure-lithologic complexes in the Tannu-Ola zone, Tuva, in the Late Vendianâ€“Early Cambrian (<i>from geochemical</i> , Nd <i>isotope, and geochronological</i>) Tj ETQq1 1 0.784614 rgBT /Q Overlock	0.7	30
4	Early Cretaceous granitoids of the Samarka terrane (<i>Sikhote-Alin</i>): geochemistry and sources of melts. <i>Russian Geology and Geophysics</i> , 2014, 55, 216-236.	0.7	30
5	The Monchetundra Basic Massif of the Kola region: New geological and isotope geochronological data. <i>Doklady Earth Sciences</i> , 2010, 431, 288-293.	0.7	29
6	Continental crust in Gorny Altai: nature and composition of protoliths. <i>Russian Geology and Geophysics</i> , 2010, 51, 431-446.	0.7	28
7	The Belomorian eclogite province: sequence of events and age of the igneous and metamorphic rocks of the Gridino association. <i>Russian Geology and Geophysics</i> , 2012, 53, 1023-1054.	0.7	25
8	Low-Sulfide PGE ores in paleoproterozoic Monchegorsk pluton and massifs of its southern framing, Kola Peninsula, Russia: Geological characteristic and isotopic geochronological evidence of polychronous oreâ€“magmatic systems. <i>Geology of Ore Deposits</i> , 2016, 58, 37-57.	0.7	24
9	Long-Lived Mantle Plume and Polyphase Evolution of Palaeoproterozoic PGE Intrusions in the Fennoscandian Shield. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 59.	2.0	24
10	Age and isotopic geochemical characteristics of Archean carbonatites and alkaline rocks of the Baltic shield. <i>Doklady Earth Sciences</i> , 2007, 415, 874-879.	0.7	23
11	Early Paleozoic batholiths in the northern part of the Kuznetsk Alatau: Composition, age, and sources. <i>Petrology</i> , 2008, 16, 395-419.	0.9	23
12	The early stages of island-arc plagiogranitoid magmatism in Gornaya Shoriya and West Sayan. <i>Russian Geology and Geophysics</i> , 2013, 54, 20-33.	0.7	23
13	The nature of the continental crust of Sikhote-Alin as evidenced from the Nb isotopy of Rocks of Southern Primorie. <i>Doklady Earth Sciences</i> , 2013, 451, 809-813.	0.7	20
14	Vendianâ€“Early Paleozoic granitoid magmatism in Eastern Tuva. <i>Russian Geology and Geophysics</i> , 2015, 56, 1232-1255.	0.7	19
15	Geochemical, isotopic, and geochronological evidence for subsynchronous island-arc magmatism and terrigenous sedimentation (Predivinsk terrane of the Yenisei Ridge). <i>Russian Geology and Geophysics</i> , 2016, 57, 1570-1590.	0.7	17
16	Magmatic sources of dikes and veins in the Moncha Tundra Massif, Baltic Shield: Isotopic-geochronologic and geochemical evidence. <i>Geochemistry International</i> , 2014, 52, 548-566.	0.7	14
17	The Volchâ€“etundrovsky Massif of the autonomous anorthosite complex of the Main Range, the Kola Peninsula: Geological, petrogeochemical, and isotope-geochronological studies. <i>Petrology</i> , 2012, 20, 467-490.	0.9	12
18	The Paleoproterozoic Fedorovâ€“Pana Layered PGE complex of the northeastern Baltic Shield, Arctic Region: New Uâ€“Pb (baddeleyite) and Smâ€“Nd (sulfide) data. <i>Doklady Earth Sciences</i> , 2017, 472, 1-5.	0.7	12

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19	Paleozoic Granitoids of the Southern Part of the Voznesenka Terrane (Southern Primorye): Age, Composition, Melt Sources, and Tectonic Settings. <i>Russian Journal of Pacific Geology</i> , 2018, 12, 190-209.	0.7	12
20	Spatiotemporal relationships of dike magmatism in the Kola region, the Fennoscandian Shield. <i>Geotectonics</i> , 2012, 46, 412-426.	0.9	11
21	Petrogenesis of Permian-Triassic intraplate gabbro-granitic rocks in the Russian Altai. <i>Lithos</i> , 2019, 326-327, 71-89.	1.4	11
22	Early Cretaceous Granitic and Monzonitic Rocks of the Southern Part of the Zhuravlevka Terrane (Sikhote-Alin): Geochemical Composition and Melt Sources. <i>Russian Journal of Pacific Geology</i> , 2019, 13, 220-238.	0.7	10
23	Petrogenesis and Age of Rocks from the Lower Zone of the Monchetundra Mafic Platinum-Bearing Massif, Kola Peninsula. <i>Petrology</i> , 2020, 28, 151-182.	0.9	10
24	Early Cenozoic magmatism in the continental margin of Kamchatka. <i>Petrology</i> , 2008, 16, 261-278.	0.9	9
25	The petrogenetic relationship between mafic and felsic rocks from the Sora porphyry Cu-Mo center (Kuznetsk Alatau): A geochemical and Sm-Nd isotope study. <i>Doklady Earth Sciences</i> , 2010, 430, 28-33.	0.7	9
26	Metallogenic Setting and Evolution of the Pados-Tundra Cr-Bearing Ultramafic Complex, Kola Peninsula: Evidence from Sm-Nd and U-Pb Isotopes. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 186.	2.0	9
27	Isotope Sm-Nd data on the Late Silurian-Early Devonian age of dynamometamorphism at the base of ophiolitic allochthon in the Sakmara Zone of the southern Urals. <i>Doklady Earth Sciences</i> , 2007, 413, 198-202.	0.7	8
28	First data on late Vendian granitoid magmatism of the Northwestern Sayan-Yenisei accretionary belt. <i>Geochemistry International</i> , 2017, 55, 792-801.	0.7	7
29	Comparison of new U-Pb and Sm-Nd isotope data on rocks of the early barren phase and basal ore-bearing rocks in the PGE-bearing Fedorovo-Pana layered massif, Kola Peninsula. <i>Doklady Earth Sciences</i> , 2007, 416, 1125-1127.	0.7	6
30	Tholeiites from the depleted subcontinental mantle in the root zone of the Monchegorsk pluton, Baltic Shield. <i>Doklady Earth Sciences</i> , 2009, 429, 1462-1466.	0.7	6
31	Age, Sm-Nd systematics, and geochemistry of tonalite-trondhjemite-granodiorite gneisses of the northern part of the Baltic Shield. <i>Doklady Earth Sciences</i> , 2013, 452, 930-935.	0.7	6
32	The paleoproterozoic Kandalaksha Anorthosite Massif: New U-Pb (ID-TIMS) data and geochemical features of zircon. <i>Doklady Earth Sciences</i> , 2017, 477, 1454-1457.	0.7	6
33	Sapphirine-Bearing Granulites of the Anabar Shield. <i>Geochemistry International</i> , 2019, 57, 524-539.	0.7	6
34	The Paleozoic-Aged University Foidolite-Gabbro Pluton of the Northeastern Part of the Kuznetsk Alatau Ridge, Siberia: Geochemical Characterization, Geochronology, Petrography and Geophysical Indication of Potential High-Grade Nepheline Ore. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 1128.	2.0	6
35	New data on distribution of REEs in sulfide minerals and Sm-Nd dating of ore genesis of layered basic intrusions. <i>Doklady Earth Sciences</i> , 2011, 436, 28-31.	0.7	5
36	The Paleoproterozoic Kolvitsa Anorthosite Massif: New Data on the U-Pb Age (ID-TIMS) and Geochemical Features of Zircon. <i>Doklady Earth Sciences</i> , 2018, 479, 366-370.	0.7	5

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37	Paleoproterozoic Pt-Pd Fedorovo-Pansky and Cu-Ni-Cr Monchegorsk Ore Complexes: Age, Metamorphism, and Crustal Contamination According to Sm-Nd Data. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1410.	2.0	5
38	Late Riphean plagiogranites of Kuznetskii Alatau: Composition, age, and sources. <i>Doklady Earth Sciences</i> , 2006, 411, 1277-1283.	0.7	4
39	New data on the Precambrian age of Marunkeu eclogites (Polar Urals). <i>Doklady Earth Sciences</i> , 2007, 413, 347-350.	0.7	4
40	The Origin and Evolution of Ore-Bearing Rocks in the Lopyshnun Deposit (Monchetundra Massif, NE) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tj</i> 2010, 286.	2.0	4
41	Autonomous anorthosites of the Aldan Shield and associated rocks: Age, geochemistry, and formation mechanism (example of the Kalar Massif). <i>Doklady Earth Sciences</i> , 2011, 439, 1113-1121.	0.7	3
42	Archean rock homologs in the Kola superdeep borehole section in the northern part of the White Sea mobile belt, Voche-Lambina test site. <i>Doklady Earth Sciences</i> , 2012, 442, 28-31.	0.7	3
43	Autonomous anorthosites of the Anabar Shield: Age, geochemistry, and formation mechanism. <i>Doklady Earth Sciences</i> , 2015, 464, 1023-1028.	0.7	3
44	Ospeâ€“Luvtuaivench massif of metabasic rocks, Kola Peninsula, Russia: geologic structure and petrogeochemical and isotope geochemical evidence for its relation to the Imandra complex of layered intrusions. <i>Petrology</i> , 2015, 23, 421-450.	0.9	3
45	Archean Rocks of the Diorite Window Block in the Southern Framing of the Monchegorsk (2.5 Ga) Layered Mafic-Ultramafic Complex (Kola Peninsula, Russia). <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 848.	2.0	3
46	The Paleoproterozoic Kandalaksha-Kolvitsa Gabbro-Anorthosite Complex (Fennoscandian Shield): New Uâ€“Pb, Smâ€“Nd, and Ndâ€“Sr (ID-TIMS) Isotope Data on the Age of Formation, Metamorphism, and Geochemical Features of Zircon (LA-ICP-MS). <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 254.	2.0	3
47	Comparison of isotope data obtained with Sm-Nd and Re-Os methods for minerals and rocks from the Ozernoe ore occurrence, Salla-Kuolajarvi belt. <i>Vestnik MGTU</i> , 2021, 24, 5-13.	0.2	3
48	The Archean Pulozero-Polnek-Tundra enderbite-granulite complex of the Central Kola Block: Stages and formation conditions (Kola Peninsula). <i>Doklady Earth Sciences</i> , 2007, 416, 1096-1099.	0.7	2
49	Sm-Nd and Rb-Sr ages and possible genesis of pseudotachylites of the Anabar shield. <i>Doklady Earth Sciences</i> , 2009, 425, 424-428.	0.7	2
50	Composition, sources, and genesis of granitoids in the Irtysh Complex, Eastern Kazakhstan. <i>Petrology</i> , 2012, 20, 188-203.	0.9	2
51	Petrogeochemical and isotope peculiarities of supersubduction terrigenous deposits: The example of Predivinsk Terrane of the Yenisei Ridge. <i>Doklady Earth Sciences</i> , 2013, 452, 1039-1041.	0.7	2
52	Paleoproterozoic layered PGE-bearing Monchetundra pluton, Kola Peninsula: Smâ€“Nd age of metamorphic alteration of mafic rocks. <i>Doklady Earth Sciences</i> , 2015, 464, 885-888.	0.7	2
53	Stages in the formation of uranium mineralization in the Salla-KoulaJarvinskaya zone (Northern) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj</i> 2010, 286.	0.7	2
54	Sr, Nd, and Hf Isotope Composition of Rocks of the Reft Gabbroâ€“Dioriteâ€“Tonalite Complex (Eastern) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tj</i> 2018, 56, 495-508.	0.7	2

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55	The Sulfide/Silicate Coefficients of Nd and Sm: Geochemical "Fingerprints" for the Syn- and Epigenetic Cu-Ni-(PGE) Ores in the NE Fennoscandian Shield. Minerals (Basel, Switzerland), 2021, 11, 1069.	2.0	2
56	Geochemistry, Sm-Nd, Rb-Sr, and Lu-Hf Isotopes, Sources, and Conditions of Formation of Early Paleozoic Plagiogranitoids in the South of the Lake Zone in Western Mongolia. Russian Geology and Geophysics, 2020, 61, 119-138.	0.7	2
57	Nd-Sr Isotopic Study of Magmatic Rocks and ⁴⁰ Ar/ ³⁹ Ar Dating of the Mafic Dike of the Proterozoic Ulan-Sarag Ophiolite Complex (Southern Siberia, East Sayan, Middle Belt, Russia). Minerals (Basel, Switzerland), 2021, 11, 1069.	0.784314	14
58	Initial subalkaline magmatism of the Neoproterozoic alkaline province of the Kola Peninsula. Doklady Earth Sciences, 2007, 415, 714-717.	0.7	1
59	Ocellar-porphroblastic granitoids of the western part of the Aldan Shield: Geochemistry, age, and mechanism of formation. Doklady Earth Sciences, 2012, 443, 462-470.	0.7	1
60	Geochemistry of Precambrian volcanosedimentary rocks of the Karsakpai Group in southern Ulutau (Central Kazakhstan). Russian Geology and Geophysics, 2017, 58, 935-948.	0.7	1
61	Features of geology and composition of rocks from the alkaline-gabbroic University massif (N-E) Tj ETQq1 1 0.784314 rgBT /Overlock 10 012016.	0.3	1
62	Geochemistry of Paleozoic Dolerite Dikes in the Northeastern Kola Peninsula and Their Relations to Flood-Basalt and Alkaline Magmatism. Geochemistry International, 2020, 58, 887-902.	0.7	1
63	Massifs of Disintegrated Granitoids in the Junction Zone of the East European and West Arctic Platforms: Composition, Age, and Hydrocarbon Potential. Geotectonics, 2020, 54, 173-187.	0.9	1
64	Sm-Nd and U-Pb age of metabasic dikes in the granulite-gneiss domain of the Aldan Shield as evidence of Paleoproterozoic thermotectogenesis duration. Doklady Earth Sciences, 2007, 413, 225-229.	0.7	0
65	Duration of the formation and sources of matter for post-orogenic granitoids of the Litsa-Araguba Complex, Kola Peninsula. Doklady Earth Sciences, 2012, 445, 868-873.	0.7	0
66	The Sr, Nd, and Hf isotopic geochemistry of rocks of the gabbro-diorite-tonalite association from the Eastern Segment of the Middle Urals as an indicator of the age of the continental crust in this area. Doklady Earth Sciences, 2017, 474, 516-519.	0.7	0
67	Features of geology and composition of rocks from the alkaline-gabbroid University massif (NE) Tj ETQq1 1 0.784314 rgBT /Overlock 10 012026.	0.3	0
68	Editorial for Special Issue "Ore Genesis and Metamorphism: Geochemistry, Mineralogy, and Isotopes" Minerals (Basel, Switzerland), 2021, 11, 308.	2.0	0
69	Neodymium isotopes do fractionate in magmatic environments. , 0, , .		0
70	Zircon morphology and isotope U-Pb and Sm-Nd dating the rocks of the Kanozero alkaline granite massif (the Kola region). Vestnik MGTU, 2022, 25, 50-60.	0.2	0