

Complete list of peer-reviewed publications (Updated April, 2026)

YEAR 2026

1. Christ O., Barbaro A., Bragaglia G., Gross S., Thomassot E., Domeneghetti M.C., Alvaro M., Brenker F.E., **Nestola F.** (2026) Shock origin of the largest ureilitic microdiamond: structural observations and $\delta^{13}\text{C}$ value. *Geochemical Perspectives Letters* 39: 12-16. <https://doi.org/10.7185/geochemlet.2606>
2. Baratelli L., Merlini M., **Nestola F.**, Nava J., Joseph B., Prencipe M., Cámara F. (2026) Determination of local geometrical distortions in an ordered omphacite under high pressure. *Mineralogical Magazine* 90(1): 33-42. <https://doi.org/10.1180/mgm.2025.10107>
3. Day M.C., Jollands M.C., Innocenzi F., Novella D., **Nestola F.**, Pamato M.G. (2026) Infrared spectroscopy of natural Type Ib diamond: Insights into the formation of Y-centers and the early aggregation of nitrogen. *American Mineralogist* 111(3): 360-375. <https://doi.org/10.2138/am-2024-9722>

YEAR 2025

4. **Nestola F.**, Kasatkin A.V., Biagioni C., Gurzhiy V.V., Škoda R., Santello L., Agakhanov A.A. (2025) Manuelarossiite, CaPbAlF_7 , a new fluoride from the Vesuvius volcano, Italy. *Mineralogical Magazine* 89(1): 133-140. <https://doi.org/10.1180/mgm.2024.59>
5. Kasatkin A.V., Zubkova N.V., Škoda R., Chukanov N.V., Gurzhiy V.V., **Nestola F.**, Agakhanov A.A., Belakovskiy D.I., Lednev V.S., Milshina M.D. (2025) Stibiosegnitite, $\text{Pb}(\text{Fe}_{3+2.5}\text{Sb}_{5+0.5})(\text{AsO}_4)_2(\text{OH})_6$, a new member of the alunite supergroup from the Murzinskoe gold deposit, Altai Krai, Russia. *Mineralogical Magazine*, <https://doi.org/10.1180/mgm.2025.10150>
6. Ni P., Shirey S.B., Walter M.J., Czas J., Novella D., **Nestola F.**, Kueter N., Smith E.M., Stachel T., Pearson D.G., Steele A., Gardner L.L., Jacobsen S.D., Harte B., Harris J.W., Shahar A. (2025) Onset of slab mantle melting in Earth's lower mantle: Evidence from ferropericlase in superdeep diamonds. *Science Advances* 11(42): eadt9106. <https://doi.org/10.1126/sciadv.adt9106>
7. Kasatkin A.V., Zubkova N.V., Škoda R., Gurzhiy V.V., **Nestola F.**, Biagioni C., Agakhanov A.A., Britvin S.N., Plášil J., Kuznetsov A.M. (2025) Boevskite, $\text{Pb}_4(\text{TeO}_3)_2(\text{SO}_4)(\text{S}_2\text{O}_3)$, the first mixed sulfate-thiosulfate mineral from the Boevskoe deposit, Southern Urals, Russia. *Mineralogical Magazine*, <https://doi.org/10.1180/mgm.2025.10143>
8. Morana M., Barni L., Fang H., Marras G., Cinque G., Angellotti A., **Nestola F.**, Logvinova A., Mikhailenko D., Bindi L., Stagno V. (2025) Diamond – garnet elastic geobarometry applied to an eclogitic system. *Lithos* 514-515: 108205. <https://doi.org/10.1016/j.lithos.2025.108205>
9. Christ O., Barbaro A., Ferrière L., Pittarello L., Domeneghetti M.C., Brenker F.E., **Nestola F.**, Alvaro M. (2025) Shock-heated graphite in three IAB iron meteorites—Implications on the formation of diamond. *Meteoritics and Planetary Science* 60(4): 744-756. <https://doi.org/10.1111/maps.14326>
10. Timmerman S., Stachel T., Chinn I., **Nestola F.**, Novella D., Davies J., Pearson D.G. (2025) The effect of inclusion-fluid fractionation on different isotopic systems used to date diamonds. *Earth and Planetary Science Letters* 671: 119635. <https://doi.org/10.1016/j.epsl.2025.119635>
11. Pezzera A., **Nestola F.**, Stachel T., Stern R.A., Grütter H., Pearson D.G. (2025) Cool transient lithospheric thermal conditions driven by subduction recorded by Neoproterozoic diamonds from Knee Lake, northwestern Superior Craton. *Mineralogy and Petrology* 119(4): 823-841. <https://doi.org/10.1007/s00710-025-00927-z>

12. Balić-Žunić T., Garavelli A., Mitolo D., **Nestola F.**, Pamato M.G., Rasmussen M.B., Jølnæs M.B. (2025) Heimaeyite, Na₃Al(SO₄)₃, a new mineral from the fumaroles on Eldfell volcano, Iceland. *European Journal of Mineralogy* 37(1): 79-89. <https://doi.org/10.5194/ejm-37-79-2025>
13. Nimis P., Grütter H.S., **Nestola F.** (2025) Multistage diamond formation, mantle uplift and changing geothermal regimes recorded by inclusions in Kimberley diamonds. *Mineralogy and Petrology* 119(3): 413-432. <https://doi.org/10.1007/s00710-025-00908-2>
14. Kasatkin A.V., **Nestola F.**, Vymazalová A., Košek F., Agakhanov A.A., Kuznetsov A.M. (2025) Zavyalovite, Ag₂TeS₃, a new sulfotelluride from the Boevskoe deposit, Southern Urals, Russia. *Mineralogical Magazine*, <https://doi.org/10.1180/mgm.2025.10142>
15. Barbaro A., **Nestola F.**, Singerling S.A., Nava J., Brenker F.E. (2025) Nano-scale impact shock features of diamond and graphite in ureilites. *Carbon* 243: 120583. <https://doi.org/10.1016/j.carbon.2025.120583>
16. Kasatkin A.V., Biagioni C., **Nestola F.**, Agakhanov A.A., Stepanov S.Y., Gurzhiy V.V., Petrov S.V., Pilugin A.G. (2025) Vadlazarenkovite, Pd₈Bi_{1.5}Te_{1.25}As_{0.25}, a new mineral isotypic with mertieite from the Konder massif, Far East, Russia. *Mineralogical Magazine* 89(1): 92-101. <https://doi.org/10.1180/mgm.2024.52>
17. Carvalho L.D.V., Doyle B., Stachel T., Stern R., Steele-macinnis M., **Nestola F.**, Pearson D.G. (2025) The Sequoia kimberlite complex, central Slave Craton – A new superdeep diamond location. *Mineralogy and Petrology* 119(3): 395-409. <https://doi.org/10.1007/s00710-025-00899-0>
18. Kasatkin A.V., Biagioni C., **Nestola F.**, Škoda R., Gurzhiy V.V., Agakhanov A.A., Kuznetsov A.M. (2025) Tarutinoite, Ag₃Pb₇Bi₇S₁₉, a new member of the lillianite homologous series from the Tarutinskoe copper-skarn deposit, Southern Urals, Russia. *Mineralogical Magazine* 89(4): 483-491. <https://doi.org/10.1180/mgm.2025.1>
19. Curtolo A., Day M.C., Innocenzi F., Bolfan-casanova N., Pamato M.G., Falvard S., **Nestola F.**, Harris J.W., Novella D. (2025) H₂O in nominally anhydrous mineral inclusions in diamonds and the volatile composition of diamond forming media. *Earth and Planetary Science Letters* 658: 119311. <https://doi.org/10.1016/j.epsl.2025.119311>
20. **Nestola F.**, Zhang Q., Day M.C., Lorenzon S., Pamato M.G., Rocchetti I., Bendazzoli C., Novella D., Mazzoli C., Sassi R., Graham Pearson D., Smith E.M., Scott M., Barbaro A., Brenker F.E., Santello L., Molinari S., Qu K., Wang Y., Škoda R., Alvaro M., Gilio M., Murri M., Kasatkin A.V. (2025) RamanCrystalHunter: A new program and database for processing, analysis, and identification of Raman spectra. *American Mineralogist* 110(4): 513-524. <https://doi.org/10.2138/am-2024-9457>

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21. Bruno M., Ghignone S., Aquilano D., **Nestola F.** (2024) A critique of using epitaxial criterion to discriminate between protogenetic and syngenetic mineral inclusions in diamond. *Scientific Reports* 14(1): 8674. <https://doi.org/10.1038/s41598-024-59432-6>
22. Christ O., **Nestola F.**, Alvaro M. (2024) Open questions on carbonaceous matter in meteorites. *Communications Chemistry* 7(1): 118. <https://doi.org/10.1038/s42004-024-01200-8>
23. Qu K., Sun W., **Nestola F.**, Gu X., Yang Z., Sima X., Tang C., Fan G., Wang Y. (2024) Kenorozhdestvenskayaite-(Fe), Ag₆(Ag₄Fe₂)Sb₄S₁₂□: A new tetrahedrite group mineral containing a natural [Ag₆]⁴⁺ cluster and its relationship to the synthetic ternary phosphide (Ag₆M₄P₁₂) M₆'. *American Mineralogist* 109(7): 1275-1283. <https://doi.org/10.2138/am-2023-9074>
24. Rossi V., Bernardi M., Fornasiero M., **Nestola F.**, Unitt R., Castelli S., Kustatscher E. (2024) Forged soft tissues revealed in the oldest fossil reptile from the early Permian of the Alps. *Palaeontology* 67(1): e12690. <https://doi.org/10.1111/pala.12690>

25. Vitale Brovarone A., Wong K., Giovannelli D., De Pins B., Gaillard F., Massuyeau M., **Nestola F.**, Pamato M.G., Daniel I. (2024) Forms and fluxes of carbon: Surface to deep. *Treatise on Geochemistry*, Third Edition, 8 Volume Set 2: V2:647-V2:698. <https://doi.org/10.1016/B978-0-323-99762-1.00142-X>
26. Zhang Q., Timmerman S., Stachel T., Chinn I., Stern R.A., Davies J., **Nestola F.**, Luth R., Pearson D.G. (2024) Sublithospheric diamonds extend Paleoproterozoic record of cold deep subduction into the lower mantle. *Earth and Planetary Science Letters* 634: 118675. <https://doi.org/10.1016/j.epsl.2024.118675>
27. Barbaro A., **Nestola F.**, Kasatkin A.V., Ardit M., Rotiroti N., Škoda R., Agakhanov A.A., Dalconi M.C., Castellaro F. (2024) Perchiazziite, CO₂(CO₃)(OH)₂, a new member of the rosasite–malachite group from the monte ramazzo mine, Italy. *Canadian Journal of Mineralogy and Petrology* 62(2): 369-378. <https://doi.org/10.3749/2300048>
28. Kasatkin A.V., **Nestola F.**, Day M.C., Gorelova L.A., Škoda R., Vereshchagin O.S., Agakhanov A.A., Belakovskiy D.I., Pamato M.G., Cempírek J., Anosov M.Y. (2024) Fluor-rossmanite, □(Al 2 Li)Al 6 (Si 6 O 18)(BO 3) 3 (OH) 3 F, a new tourmaline supergroup mineral from Malkhan pegmatite field, Western Siberia, Russia. *Mineralogical Magazine* 88(6): 668-676. <https://doi.org/10.1180/mgm.2024.34>
29. Day M.C., Jollands M.C., Novella D., **Nestola F.**, Dovesi R., Pamato M.G. (2024) Hydrogen-related defects in diamond: A comparison between observed and calculated FTIR spectra. *Diamond and Related Materials* 143: 110866. <https://doi.org/10.1016/j.diamond.2024.110866>
30. Balić-Žunić T., **Nestola F.**, Pamato M.G., Rasmussen M.B. (2024) Kristjánite, KNa 2 H(SO 4) 2, a new fumarolic mineral from Iceland containing the [SO 4 -H-SO 4]3-anion in the crystal structure. *Mineralogical Magazine* 88(3): 211-217. <https://doi.org/10.1180/mgm.2024.4>
31. Biagioni C., Kasatkin A.V., **Nestola F.**, Škoda R., Gurzhiy V.V., Agakhanov A.A., Koshlyakova N.N. (2024) Zvěstovite-(Fe), Ag₆(Ag₄Fe₂)As₄S₁₃, a new member of the tetrahedrite group from the Ulatayskoe Ag–Cu–Co occurrence, eastern Siberia, Russia. *European Journal of Mineralogy* 36(3): 529-540. <https://doi.org/10.5194/ejm-36-529-2024>
32. Wang Y., **Nestola F.**, Hou Z., Miyawaki R., Pekov I.V., Gu X., Dong G., Qu K. (2024) Nomenclature of the ancylite supergroup. *Mineralogical Magazine* 88(6): 677-681. <https://doi.org/10.1180/mgm.2024.8>
33. Carvalho L.D.V., Stachel T., Luth R.W., Locock A.J., Pearson D.G., Steele-macinnis M., Stern R.A., **Nestola F.**, Scholz R., Jalowitzki T., Fuck R.A. (2024) Dense hydrated Mg-silicates in diamond: Implications for transport of H₂O into the mantle. *Science Advances* 10(11): eadl4306. <https://doi.org/10.1126/sciadv.adl4306>

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34. Wang Y., Chen R., Gu X., **Nestola F.**, Hou Z., Yang Z., Dong G., Guo H., Qu K. (2023) Tetrahedrite-(Ni), Cu₆(Cu₄Ni₂)Sb₄S₁₃, the first nickel member of tetrahedrite group mineral from Luobusa chromite deposits, Tibet, China. *American Mineralogist* 108(10): 1984-1992. <https://doi.org/10.2138/am-2022-8761>
35. Wang Y., **Nestola F.**, Hou Z., Gu X., Dong G., Yang Z., Fan G., Xiao Z., Qu K. (2023) Bobtraillite from Gejiu hyperagpaitic nepheline syenite, southwestern China: new occurrence and crystal structure. *European Journal of Mineralogy* 35(1): 65-74. <https://doi.org/10.5194/ejm-35-65-2023>
36. Wang Y., Chen R., Gu X., Hou Z., **Nestola F.**, Yang Z., Fan G., Dong G., Ye L., Qu K. (2023) Tennantite-(Ni), Cu 6 (Cu 4 Ni 2)As 4 S 13, from Luobusa ophiolite, Tibet, China: A new Ni member of the tetrahedrite group. *Mineralogical Magazine* 87(4): 591-598. <https://doi.org/10.1180/mgm.2023.41>
37. Barbaro A., Domeneghetti M.C., Fioretti A.M., Alvaro M., **Nestola F.** (2023) Carbon polymorphs in Frontier Mountain ureilitic meteorites: A correlation with increasing the degree of shock? *Earth and Planetary Science Letters* 614: 118201. <https://doi.org/10.1016/j.epsl.2023.118201>

38. Zuccari C., Vignaroli G., Callegari I., **Nestola F.**, Novella D., Giuntoli F., Guillong M., Viola G. (2023) Forming and preserving aragonite in shear zones: First report of blueschist facies metamorphism in the Jabal Akhdar Dome, Oman Mountains. *Geology* 51(5): 454-459. <https://doi.org/10.1130/G51079.1>
39. Kasatkin A.V., Pekov I.V., Škoda R., Chukanov N.V., **Nestola F.**, Agakhanov A.A., Kuznetsov A.M., Koshlyakova N.N., Plášil J., Britvin S.N. (2023) Fluoropyromorphite, $Pb_5(PO_4)_3F$, a new apatite-group mineral from Sukhovyaz Mountain, Southern Urals, and Tolbachik volcano, Kamchatka. *Journal of Geosciences (Czech Republic)* 68(1): 81-93. <https://doi.org/10.3190/jgeosci.368>
40. Kasatkin A.V., Vymazalová A., **Nestola F.**, Gurzhiy V.V., Agakhanov A.A., Škoda R., Belakovskiy D.I., Generalov M.E. (2023) A re-evaluation of stannopalladinite using modern analytical techniques. *Mineralogical Magazine* 87(5): 773-782. <https://doi.org/10.1180/mgm.2023.73>
41. Barbaro A., Zorzi F., Lorenzetti A., Ferrari S., Tubaro C., **Nestola F.** (2023) Thermal expansion of oldhamite, CaS: Implication for the surface of Mercury. *Icarus* 401: 115629. <https://doi.org/10.1016/j.icarus.2023.115629>
42. Faccincani L., Criniti G., Kurnosov A., Ballaran T.B., Withers A.C., Mazzucchelli M., **Nestola F.**, Coltorti M. (2023) Sound velocities and single-crystal elasticity of hydrous Fo₉₀ olivine to 12 GPa. *Physics of the Earth and Planetary Interiors* 337: 107011. <https://doi.org/10.1016/j.pepi.2023.107011>
43. Sejkora J., Biagioni C., Škácha P., Musetti S., Kasatkin A.V., **Nestola F.** (2023) Tetrahedrite-(Cd), $Cu_6(Cu_4Cd_2)Sb_4S_{13}$, from Radětice near Příbram, Czech Republic: The new Cd member of the tetrahedrite group. *European Journal of Mineralogy* 35(6): 897-907. <https://doi.org/10.5194/ejm-35-897-2023>
44. Genzel P.-T., Pamato M.G., Novella D., Santello L., Lorenzon S., Shirey S.B., Pearson D.G., **Nestola F.**, Brenker F.E. (2023) Geobarometric evidence for a LM/TZ origin of CaSiO₃ in a sublithospheric diamond. *Geochemical Perspectives Letters* 25: 41-45. <https://doi.org/10.7185/geochemlet.2313>
45. Wang Y., **Nestola F.**, Li H., Hou Z., Pamato M.G., Novella D., Lorenzetti A., Antignani P.A., Cornale P., Nava J., Dong G., Qu K. (2023) In situ single-crystal X-ray diffraction of olivine inclusion in diamond from Shandong, China: implications for the depth of diamond formation. *European Journal of Mineralogy* 35(3): 361-372. <https://doi.org/10.5194/ejm-35-361-2023>
46. **Nestola F.**, Pamato M.G., Novella D., Wang Y., Qu K., Smith E.M. (2023) Elastic geobarometry yielding a faithful sublithospheric depth for a ferropericlase inclusion in diamond. *Lithos* 454-455: 107265. <https://doi.org/10.1016/j.lithos.2023.107265>
47. Tolstykh N., Kasatkin A., **Nestola F.**, Vymazalová A., Agakhanov A., Palyanova G., Korolyuk V. (2023) Auroselene, AuSe, a new mineral from Maletoyvayam deposit, Kamchatka peninsula, Russia. *Mineralogical Magazine* 87(2): 284-291. <https://doi.org/10.1180/mgm.2022.137>
48. **Nestola F.**, Prencipe M., Belmonte D. (2023) Mg₃Al₂Si₃O₁₂ jeffbenite inclusion in super-deep diamonds is thermodynamically stable at very shallow Earth's depths. *Scientific Reports* 13(1): 83. <https://doi.org/10.1038/s41598-022-27290-9>
49. Smit K., Shirey S., Pearson G., Stachel T., **Nestola F.**, Moses T. (2023) Preface. *Diamond: Genesis, Mineralogy and Geochemistry*: iv-v. <https://doi.org/>
50. Kasatkin A.V., Siidra O.I., **Nestola F.**, Pekov I.V., Agakhanov A.A., Koshlyakova N.N., Chukanov N.V., Nazarchuk E.V., Molinari S., Rossi M. (2023) Napoliite, Pb₂O₂FCl, a new mineral from Vesuvius volcano, and its relationship with dimorphous rumseyite. *Mineralogical Magazine* 87(5): 711-718. <https://doi.org/10.1180/mgm.2023.43>
51. Wang Y., Gu X., Dong G., Hou Z., **Nestola F.**, Yang Z., Fan G., Wang Y., Qu K. (2023) Calcioancylite-(La), (La,Ca) ₂ (CO ₃) ₂ (OH,H ₂ O) ₂, a new member of the ancylite group from Gejiu nepheline syenite, Yunnan Province, China. *Mineralogical Magazine* 87(4): 554-560. <https://doi.org/10.1180/mgm.2023.28>
52. Lorenzon S., Wenz M., Nimis P., Jacobsen S.D., Pasqualetto L., Pamato M.G., Novella D., Zhang D., Anzolini C., Regier M., Stachel T., Graham Pearson D., Harris J.W., **Nestola F.** (2023) Dual origin of ferropericlase inclusions

- within super-deep diamonds. *Earth and Planetary Science Letters* 608: 118081. <https://doi.org/10.1016/j.epsl.2023.118081>
53. Kasatkin A.V., Zubkova N.V., Agakhanov A.A., Chukanov N.V., Škoda R., **Nestola F.**, Belakovskiy D.I., Pekov I.V. (2023) Mangani-eckermannite, NaNa₂ (Mg₄ Mn₃₊)Si₈ O₂₂ (OH)₂, a new amphibole from Tanohata Mine, Iwate Prefecture, Japan. *Mineralogical Magazine* 87(6): 935-942. <https://doi.org/10.1180/mgm.2023.63>
 54. Timmerman S., Stachel T., Koornneef J.M., Smit K.V., Harlou R., Nowell G.M., Thomson A.R., Kohn S.C., Davies J.H.F.L., Davies G.R., Krebs M.Y., Zhang Q., Milne S.E.M., Harris J.W., Kaminsky F., Zedgenizov D., Bulanova G., Smith C.B., Cabral Neto I., Silveira F.V., Burnham A.D., **Nestola F.**, Shirey S.B., Walter M.J., Steele A., Pearson D.G. (2023) Sublithospheric diamond ages and the supercontinent cycle. *Nature* 623(7988): 752-756. <https://doi.org/10.1038/s41586-023-06662-9>
 55. Angel R.J., Mazzucchelli M.L., Musiyachenko K.A., **Nestola F.**, Alvaro M. (2023) Elasticity of mixtures and implications for piezobarometry of mixed-phase inclusions. *European Journal of Mineralogy* 35(4): 461-478. <https://doi.org/10.5194/ejm-35-461-2023>
 56. Kasatkin A.V., **Nestola F.**, Plášil J., Sejkora J., Vymazalová A., Škoda R. (2023) Tolstykhite, Au₃S₄Te₆, a new mineral from Maletoyvayam deposit, Kamchatka peninsula, Russia. *Mineralogical Magazine* 87(1): 34-39. <https://doi.org/10.1180/mgm.2022.109>
 57. Day M.C., Pamato M.G., Novella D., **Nestola F.** (2023) Imperfections in natural diamond: the key to understanding diamond genesis and the mantle. *Rivista del Nuovo Cimento* 46(7): 381-471. <https://doi.org/10.1007/s40766-023-00045-6>
 58. Curtolo A., Novella D., Logvinova A., Sobolev N.V., Davies R.M., Day M.C., Pamato M.G., **Nestola F.** (2023) Petrology and geochemistry of Canadian diamonds: An up-to-date review. *Earth-Science Reviews* 246: 104588. <https://doi.org/10.1016/j.earscirev.2023.104588>
 59. **Nestola F.**, Regier M.E., Luth R.W., Pearson D.G., Stachel T., Mccammon C., Wenz M.D., Jacobsen S.D., Anzolini C., Bindi L., Harris J.W. (2023) Extreme redox variations in a superdeep diamond from a subducted slab. *Nature* 613(7942): 85-89. <https://doi.org/10.1038/s41586-022-05392-8>
 60. Bruno M., Ghignone S., Aquilano D., **Nestola F.** (2023) Is the Imposition of Diamond Morphology on Mineral Inclusions a Syngenetic or Post-Genetic Process with Respect to Diamond Formation? *Crystal Growth and Design* 23(7): 5279-5288. <https://doi.org/10.1021/acs.cgd.3c00474>
 61. **Nestola F.** (2023) Commentary on 'Oldhamite: a new link in upper mantle for C-O-S-Ca cycles and an indicator for planetary habitability'. *National Science Review* 10(10): nwad185. <https://doi.org/10.1093/nsr/nwad185>

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62. Scatena R., Massignani S., Lanza A.E., Zorzi F., Monari M., **Nestola F.**, Pettinari C., Pandolfo L. (2022) Synthesis of Coordination Polymers and Discrete Complexes from the Reaction of Copper(II) Carboxylates with Pyrazole: Role of Carboxylates Basicity. *Crystal Growth and Design* 22(2): 1032-1044. <https://doi.org/10.1021/acs.cgd.1c00861>
63. Kasatkin A.V., Plášil J., Chukanov N.V., Škoda R., **Nestola F.**, Agakhanov A.A., Belakovskiy D.I. (2022) Gurzhiite, Al(UO₂)(SO₄)₂F·10H₂O, a new uranyl sulfate mineral with a chain structure from the Bykogorskoe deposit, Northern Caucasus, Russia. *Mineralogical Magazine* 86(3): 412-421. <https://doi.org/10.1180/mgm.2022.34>
64. Biagioni C., Kasatkin A., Sejkora J., **Nestola F.**, Škoda R. (2022) Tennantite-(Cd), Cu₆(Cu₄Cd₂)As₄S₁₃, from the Berenguela mining district, Bolivia: the first Cd-member of the tetrahedrite group. *Mineralogical Magazine* 86(5): 834-840. <https://doi.org/10.1180/mgm.2022.61>
65. Barbaro A., **Nestola F.**, Pittarello L., Ferrière L., Murri M., Litasov K.D., Christ O., Alvaro M., Chiara Domeneghetti M. (2022) Characterization of carbon phases in Yamato 74123 ureilite to constrain the meteorite shock history. *American Mineralogist* 107(3): 377-384. <https://doi.org/10.2138/am-2021-7856>

66. Cámara F., Baratelli L., Ciriotti M.E., **Nestola F.**, Piccoli G.C., Bosi F., Bittarello E., Hålenius U., Balestra C. (2022) As-bearing new mineral species from Valletta mine, Maira Valley, Piedmont, Italy: IV. Lombardoite, $Ba_2Mn_3+(AsO_4)_2(OH)$ and aldomarinoite, $Sr_2Mn_3+(AsO_4)_2(OH)$, description and crystal structure. *Mineralogical Magazine* 86(3): 447-458. <https://doi.org/10.1180/mgm.2022.31>
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