

## SEÇİLMİŞ ƏSƏRLƏRİ

1. V.S. Guliyev, *Some classes of anisotropic integral operators and weighted embedding theorems in a domain with a nonsmooth boundary.* (Russian) **Dokl. Akad. Nauk SSSR** 304 (1989), no. 6, 1289-1293; Translation in Soviet Math. Dokl. 39 (1989), no. 1, 199-203. (TR)
2. V.S. Guliyev, *On the boundedness of singular integral operators on the Heisenberg group in weighted generalized-Holder and weighted  $L_p$ -spaces.* (Russian) **Dokl. Akad. Nauk SSSR** 316 (1991), no. 2, 270-278; translation in Soviet Math. Dokl. 43 (1991), no. 1, 58-62. (TR)
3. V.S. Guliyev, P. I. Lizorkin, *B and L-classes of harmonic and holomorphic functions in the disc, and classes of boundary values.* (Russian) **Dokl. Akad. Nauk SSSR** 319 (1991), no. 4, 806--810; translation in Soviet Math. Dokl. 44 (1992), no. 1, 215-219. (TR)
4. P.I. Lizorkin, V.S. Guliev, *Function spaces and problems of approximation on the Heisenberg group.* (Russian) **Trudy Mat. Inst. Steklov.** 201 (1992), Issled. po Teor. Differ. Funktsii Mnogikh Peremen. i ee Prilozh. 15, 245--272; translation in **Proc. Steklov Inst. Math.** 1994, no. 2 (201), 205-227. (TR)
5. V.S. Guliyev, *Embedding theorems for spaces of UMD-valued functions.* (Russian) **Dokl. Akad. Nauk** 329 (1993), no. 4, 408-410; translation in Russian Acad. Sci. Dokl. Math. 47 (1993), no. 2, 274-277. (TR)
6. V.S. Guliyev, P. I. Lizorkin, *Classes of holomorphic and harmonic functions in a polydisk in connection with their boundary values.* (Russian) **Trudy Mat. Inst. Steklov.** 204 (1993), Issled. po Teor. Differ. Funktsii Mnogikh Peremen. i ee Prilozh. 16, 137-159; translation in **Proc. Steklov Inst. Math.** 1994, no. 3 (204), 117-135. (TR)
7. V.S. Guliyev, *Two-weight inequalities for integral operators in  $L_p$ -spaces and their applications.* (Russian) **Trudy Mat. Inst. Steklov.** 204 (1993), Issled. po Teor. Differ. Funktsii Mnogikh Peremen. i ee Prilozh. 16, 113--136; translation in **Proc. Steklov Inst. Math.** 1994, no. 3 (204), 97-116. (TR)
8. V.S. Guliyev, *Two-weighted  $L_p$ -inequalities for singular integral operators on Heisenberg groups.* **Georgian Math. J.** 1 (1994), no. 4, 367-376. (TR)
9. V.S. Guliyev, *Integral operators on function spaces on the homogeneous groups and on domains in  $R^n$ .* **Doctor's dissertation, Moscow, Mat. Inst. Steklov,** 1994, 1-329. (Russian)
10. V.S. Guliyev, *Embedding theorems for weighted Sobolev spaces of  $B$ -valued functions.* (Russian) **Dokl. Akad. Nauk** 338 (1994), no. 4, 440-443; translation in Russian Acad. Sci. Dokl. Math. 50 (1995), no. 2, 264-268.
11. V.S. Guliyev, *Boundedness of singular integral operators on the Heisenberg group in weighted generalized Holder spaces.* **Analysis Mathematica** 21 (1995), no. 4, 245-268. (TR)
12. V.S. Guliyev, P. I. Lizorkin, *Spaces of Banach-valued analytic and periodic functions.* (Russian) **Trudy Mat. Inst. Steklov.** 210 (1995), Teor. Funktsii i Differ. Uravn., 101-119.
13. V.S. Guliyev, *Multipliers of Fourier integrals and estimation of mixed derivatives for Banach-valued functions.* (Russian) **Dokl. Akad. Nauk** 341 (1995), no. 1, 7-9. (TR)

14. D.D. Gasanov, V.S. Guliyev, A. Kh. Narimanov, *Certain inequality for anisotropic B-maximal functions and for anisotropic B-Riesz potentials*. **Academy of Science of Azerbaijan. Proc. of Institute Math. and Mech. Baku**. 1996, vol. 4, 18-24.
15. V.S. Guliyev, Mustafaev, R. Ch. *Integral operators of potential type in spaces of homogeneous type*. (Russian) **Dokl. Akad. Nauk** 354 (1997), no. 6, 730-732. **(TR)**
16. V.S. Guliyev, *On the theory of multipliers of Fourier integrals for Banach-space-valued functions*. (Russian) **Tr. Mat. Inst. Steklova** 214 (1997), Issled. po Teor. Differ. Funkts. Mnogikh Perem. i ee Prilozh. 17, 164--181; translation in Proc. Steklov Inst. Math. 1996, no. 3 (214), 157-174.
17. V.S. Guliyev, *Sobolev's theorem for Riesz B-potentials*. (Russian) **Dokl. Akad. Nauk** 358(1998), no. 4, 450-451. **(TR)**
18. V.S. Guliyev, R.Ch. Mustafaev, *Fractional integrals in spaces of functions defined on spaces of homogeneous type*. **Analysis Mathematica** 24 (1998), no. 3, 181-200. **(TR)**
19. V.S. Guliyev, *Sobolev's theorem for the anisotropic Riesz-Bessel potential in Morrey-Bessel spaces*. (Russian) **Dokl. Akad. Nauk** 367 (1999), no. 2, 155-156. **(TR)**
20. V.S. Guliyev, D.D. Gasanov, *Some properties of anisotropic Riesz-Bessel-Fourier potentials*. **Vestnik Russian Peoples Friendship University**, v. 6 (1999), no. 1, 63-82.
21. V.S. Guliyev, R.Ch. Mustafaev, *Inequalities of Sobolev and Poincare type on Heisenberg group*. **Proc. Inst. Math. Mech. Acad. Sci. Azerb.** 10 (1999), 36-41.
22. V.S. Guliyev, A.Kh. Narimanov, *On the  $L_p$ -boundedness of the anisotropic Fourier-Bessel singular integrals*. **Trans. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci.** 19 (1999), no. 5, Math. Mech., 32\_41 (2000).
23. V.S. Guliyev, *Spaces of Banach-valued holomorphic functions in the polydisk in connection with their boundary values*. Finite or infinite dimensional complex analysis, **Lecture Notes in Pure and Appl. Math.**, 214, 2000, 109-124. **(TR)**
24. V.S. Guliyev, *Some properties of the anisotropic Riesz-Bessel potential*. **Analysis Mathematica** 26 (2000), no. 2, 99-118. **(TR)**
25. V.S. Guliyev, R.Ch. Mustafaev, *Two-weight inequalities for potentials defined on spaces of homogeneous type*. **Trans. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci.** 21 (2001), no. 1, **Math. Mech.**, 52-67.
26. V.S. Guliyev, R. Ch., Mustafaev, *On generalized fractional integrals*. **Trans. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci.** 21 (2001), no. 4, **Math. Mech.**, 63-71.
27. V.S. Guliyev, Z.V. Safarov,  *$B_{k,n}$ -Bessel potentials and certain imbedding theorems in  $B_{k,n}$ -Sobolev-Liouville spaces*. **Proc. Inst. Math. Mech. Natl. Acad. Sci. Azerb.** 15 (2001), 68-80.
28. V.S. Guliyev, R. A. Bandaliev, *Weighted imbedding theorems for anisotropic Sobolev spaces*. **Trans. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci.** 22 (2002), no. 1, **Math. Mech.**, 85-96.
29. V.S. Guliyev, Z.V. Safarov, *On generalized fractional integrals, associated with the Bessel differential expansions*. **Trans. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci.** 22 (2002), no. 4, **Math. Mech.**, 75-90.
30. V.S. Guliyev, *On maximal function and fractional integral, associated with the Bessel differential operator*. **Mathematical Inequalities and Applications** 6 (2003), no. 2, 317-330. **(TR)**

31. V.S. Guliyev, R. A. Bandaliev, *Two-weight inequalities for integral operators in  $L_p$ -spaces of Banach space-valued functions and their applications.* (Russian) **Tr. Mat. Inst. Steklova** 243 (2003), **Funkts. Prostran., Priblizh., Differ. Uravn.**, 194-212; translation in Proc. Steklov Inst. Math. 2003, no. 4 (243), 185-203.
32. V.S. Guliyev, *The fractional maximal function on Chebli-Trimeche hypergroups.* **Trans. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci.**, 23 (2003), no. 1, **Math. Mech.**, 51-58.
33. V.S. Guliyev, Zhijian Wu, *Weighted holomorphic Besov spaces and their boundary values.* **Analysis in Theory and Application**, 21:2, 2005, 143-156. (TR)
34. V.S. Guliyev, F. M. Mushtagov, *Parabolic equations with VMO coefficients in weighted Lebesgue spaces.* **Proceedings of A. Razmadze Mathematical Institute** 137 (2005), 1-27.
35. V.S. Guliyev, *Boundedness of generalized multilinear fractional integrals.* **Proceedings of A. Razmadze Mathematical Institute**, Vol. 139 (2005), 107-110.
36. V.S. Guliyev, N.N. Garakhanova, *Sobolev-Il'in theorems for  $B_{k,n}$ -Riesz potentials.* Transactions of NAS of Azerbaijan, 2005, Vol. 25, No. 4, p.25-38.
37. V.S. Guliyev, J.J. Hasanov, *The Sobolev-Morrey type inequality for Riesz potentials, associated with the Laplace-Bessel differential operator.* **Fractional Calculus and Applied Analysis**, vol. 9 (2006), no. 1, 17-32. (TR)
38. V.I. Burenkov, H.V. Guliyev and V.S. Guliyev, *Necessary and sufficient conditions for boundedness of the fractional maximal operator in the local Morrey-type spaces.* **Doklady Ross. Akad. Nauk**, 409(2006), no. 4, 443-447. (TR)
39. V.S. Guliyev, Miloud Assal, *On maximal function on the Laguerre hypergroup.* **Fractional Calculus and Applied Analysis**, vol. 9 (2006), no. 3, 307-318. (TR)
40. V.S. Guliyev, Zeren Yusuf, *Two-weight norm inequalities for some anisotropic sublinear operators.* **Turk J. Math.**, 30 (2006), 329-350. (TR)
41. V.S. Guliyev, J.J. Hasanov, *The Sobolev-Morrey type inequality for Riesz potentials, associated with the Laplace-Bessel differential operator.* **Fractional Calculus and Applied Analysis**, 9 (2006), no. 1, 1-15. (TR)
42. V.I. Burenkov, H.V. Guliyev and V.S. Guliyev, *Necessary and sufficient conditions for boundedness of the fractional maximal operator in the local Morrey-type spaces.* **Doklady Ross. Akad. Nauk**, 409(2006), no. 4, 441-447. (TR)
43. V.S. Guliyev, Miloud Assal, *On maximal function on the Laguerre hypergroup.* **Fractional Calculus and Applied Analysis**, 9 (2006), no. 3, 1-12. (TR)
44. V.I. Burenkov, H.V. Guliyev and V.S. Guliyev, *Necessary and sufficient conditions for boundedness of the Riesz potential in the local Morrey-type spaces.* **Dokl. Ross Akad. Nauk**, (412) 2007, no. 5, 585-589. (TR)
45. V.I. Burenkov, H.V. Guliyev and V.S. Guliyev, *Necessary and sufficient conditions for boundedness of the fractional maximal operator in the local Morrey-type spaces.* **Journal of Computational and Applied Mathematics**, 208 (2007), no. 1, 280-301. (TR)
46. V.I. Burenkov, H.V. Guliyev, V.S. Guliyev, *On boundedness of the fractional maximal operator from complementary Morrey-type spaces to Morrey-type spaces.* **Contemporary Mathematics**, 424, 2007, 17-32. (TR)
47. V.S. Guliyev, E. Ibrahimov, *Calderon reproducing formula associated with the Gegenbauer*

- operator on the half-line. **Journal of Mathematical Analysis and Applications**, 335 (2007), no. 2, 1079-1094. (TR)
48. V.S. Guliyev, Sh.A. Nazirova, *A rearrangement estimate for the generalized multilinear fractional integrals*. **Siberian Mathematical Journal**, (48) 2007, no. 3, 463-470. (TR)
  49. V.S. Guliyev, A. Şerbetçi and İ. Ekinçioğlu, *Necessary and sufficient conditions for the boundedness of rough B-fractional integral operators in the Lorentz spaces*. **Journal of Mathematical Analysis and Applications**, 336 (2007), 425-437. (TR)
  50. V. S. Guliyev, A. Serbetci and I. Ekinçioğlu, *On boundedness of the generalized B-potential integral operators*. **Integral Transforms and Special Functions**, 18 (2007), no. 11-12, 885-895. (TR)
  51. V.S. Guliyev, A.Serbetci, Z.V. Safarov, *Nikolskii-Besov spaces associated with the Fourier-Bessel transforms*. **Transactions of NAS of Azerbaijan**. Embedding theorems. Harmonic analysis. Issue XIII, 2007, 194-211.
  52. V.S. Guliyev, Y.Y. Mammadov, *Some estimations for maximal function, fractional maximal function and Riesz potential, associated with the Dunkl operator on the real line*. **Transactions of NAS of Azerbaijan**, 27 (2007), no. 7, 71-76.
  53. V.S. Guliyev and M. Omarova, *On fractional maximal function and fractional integral on the Laguerre hypergroup*. **Journal of Mathematical Analysis and Applications**, 340(2008), Issue 2, 1058-1068. (TR)
  54. V.S. Guliyev, Sh.A. Nazirova, *O'Neil inequality for multilinear convolutions and some applications*. **Integral Equations and Operator Theory**, 60 (2008), 4, 485-497. (TR)
  55. V.S. Guliyev and E. Ibrahimov, *Equivalent normings of spaces of functions associated with the generalized Gegenbauer shift*. (Russian) **Analysis Mathematica**, 34 (2008), no. 2, 83-103. (TR)
  56. V.S. Guliyev and E. Ibrahimov, *On estimating the approximation of locally summable functions by Gegenbauer singular integrals*. **Georgian Mathematical Journal**, 15(2008), 2, 251-262. (TR)
  57. V.S. Guliyev, N.N. Garakhanova, Y. Zeren, *Pointwise and integral estimates for B-Riesz potentials in terms of B-maximal and B-fractional maximal functions*. **Siberian Mathematical Journal**, 49 (2008), no. 6, 1008-1022. (TR)
  58. V.S. Guliyev, A. Serbetci, And Z.V. Safarov, *On the rearrangement estimates and the boundedness of the generalized fractional integrals associated with the Laplace-Bessel differential operator*. **Acta Math. Hungar.**, 119 (2008), no. 3, 201-217. (TR)
  59. V.S. Guliyev, A. Serbetci, And Z.V. Safarov, *Inequality of O'Neil-type for convolutions associated with the Laplace-Bessel differential operator and applications*. **Math. Inequal. Appl.**, 11 (2008), no. 1, 99-112. (TR)
  60. V.S. Guliyev and M. Omarova, *Integral characteristics of maximal functions on the Laguerre hypergroup*. Proceedings of A. Razmadze Mathematical Institute, 146 (2008), 45-55.
  61. V.S. Guliyev, J. Hasanov, *Necessary and sufficient conditions for the boundedness of B-Riesz potential in the B-Morrey spaces*. **Journal of Mathematical Analysis and Applications**, 347 (2008), 113-122. (TR)
  62. A.D. Gadjiev and V.S. Guliyev, *The Stein-Weiss type inequality for fractional integrals*,

- associated with the Laplace-Bessel differential operator. **Fractional Calculus and Applied Analysis**, 11 (2008), no. 1, 77-90. (TR)
63. V.S. Guliyev, A.Serbetci, Z.V. Safarov, *Meda inequality for rearrangements of the B-convolutions and some applications*. **Journal of Mathematical Inequalities**, 2 (2008), no. 4, 437-447. (TR)
  64. V.S. Guliyev and M. Omarova,  *$(L_p, L_q)$  boundedness of the fractional maximal operator on the Laguerre hypergroup*. **Integral Transforms and Special Functions**, 19 (2008), no. 9, 633-641. (TR)
  65. V. I., Burenkov, V. S., Guliyev, T. V., Tararykova, A. Serbetci, *Necessary and sufficient conditions for the boundedness of genuine singular integral operators in local Morrey-type spaces*. **Doklady Mathematics**, 78 (2008), no. 2, 651–654. (TR)
  66. V.S.Guliyev, N.N. Garakhanova, *Sobolev-Ilyin theorem for B-Riesz potentials*. **Siberian Mathematical Journal**, 50 (2009), no. 1, 49-59. (TR)
  67. V.S. Guliyev, M. Mammadov, *On fractional maximal function and fractional integral associated with the Dunkl operator on the real line*. **Journal of Mathematical Analysis and Applications**, 2009, vol. 353, Issue 1, 449-459. (TR)
  68. V.I. Burenkov, V.S. Guliyev, *Necessary and sufficient conditions for boundedness of the Riesz potential in the local Morrey-type spaces*, **Potential Analysis**, 30 (2009), no. 3, 211-249. (TR)
  69. V.S. Guliyev, *Two-weight inequalities for singular integral operators satisfying a variant of Hormander condition*. **Journal of Function spaces and applications**, vol. 7, 2009, no. 1, 43-59. (TR)
  70. V.S. Guliyev, J. Hasanov, Y. Zeren, *On limiting case for boundedness of the B-Riesz potential in the B-Morrey spaces*. **Analysis Mathematica**, 35 (2009), no. 2, 87-97. (TR)
  71. V.S. Guliyev, A. Serbetci, E. Guner and S. Balci, *Meda inequality for rearrangements of the convolution on the Heisenberg group and some applications*. **Journal of Inequalities and Applications**, Volume 2009 (2009), Article ID 864191, 13 pages. (TR)
  72. V.S. Guliyev, Y.Y. Mamedov, *Pointwise and integral estimates for the Riesz potentials associated with the Dunkl operator on the real line*. **Indian Journal of Mathematics**, 51 (2009), no. 2, 239-254. (TR)
  73. V.S. Guliyev, *Boundedness of the maximal, potential and singular operators in the generalized Morrey spaces*. **Journal of Inequalities and Applications**, Volume 2009, Article ID 503948, 20 pages doi:10.1155/2009/503948. (TR)
  74. V.S. Guliyev, J. Hasanov, S. Samko, *Boundedness of the maximal, potential and singular operators in the generalized variable exponent Morrey spaces*. **Mathematica Scandinavica**, 197 (2010), Issue 2, 285-304. (TR)
  75. V.I. Burenkov, A. Gogatishvili, V.S. Guliyev, R.Ch. Mustafayev, *Boundedness of the fractional maximal operator in local Morrey-type spaces*, **Complex variables and elliptic equations**, 55 (2010), Issue 8 - 10, 739 - 758. (TR)
  76. V.S. Guliyev, R.Ch. Mustafayev, A. Serbetci, *Stein-Weiss type inequalities for the fractional integral operators in Carnot groups and applications*, **Complex variables and elliptic equations**, 55 (2010), Issue 8 - 10, 847 - 863. (TR)
  77. V.S. Guliyev, Y.Y. Mammadov,  *$(L_p, L_q)$  Boundedness of the fractional maximal operator*

- associated with the Dunkl operator on the real line, **Integral Transforms and Special Functions**, 21 (8) 2010, 629-639. (TR)
78. V.S. Guliyev, J.J. Hasanov, S.G. Samko, *Boundedness of the maximal, potential type and singular operators in the generalized variable exponent Morrey spaces*, **Journal of Mathematical Sciences** 170 (4) 2010, 423-443.
79. V.I. Burenkov, V.S. Guliyev, A. Serbetci, T.V. Tararykova, *Necessary and sufficient conditions for the boundedness of genuine singular integral operators in local Morrey-type spaces*, **Eurasian Mathematical Journal**, vol. 1, no. 1 (2010), 32-53.
80. V.S. Guliyev, A. Serbetci, Ali Akbulut, Y.Y. Mammadov, *Besov and Lizorkin-Triebel spaces for the multidimensional Fourier-Bessel transform*, **Eurasian Mathematical Journals**, 2 (3) 2011, 42-66.
81. V.S. Guliyev, S.S. Aliyev, T. Karaman, *Boundedness of commutator of sublinear operators generated by Calderon-Zygmund operators on generalized Morrey spaces*, **Abstract and Applied Analysis**, vol. 2011, Art. ID 356041, 18 pp. (TR)
82. V.S. Guliyev, J. Hasanov, Yusuf Zeren, *Necessary and sufficient conditions for the boundedness of the Riesz potential in modified Morrey spaces*, **Journal of Mathematical Inequalities**, 5 (4) 2011, 491-506. (TR)
83. V.S. Guliyev, A. Serbetci and I. Ekincioglu, *On the boundedness of the anisotropic potentials with rough kernels associated with the Laplace-Bessel differential operator in the Lorentz spaces*, **Integral Transforms and Special Functions**, 22 (12) 2011, 919-935. (TR)
84. V.S. Guliyev, R. Mustafayev, *Boundedness of the anisotropic maximal and anisotropic singular integral operators in generalized Morrey spaces*, **Acta Mathematica Sinica-English series**, 27 (12), 2011, 2361-2370. (TR)
85. V.S. Guliyev, S.S. Aliyev, T. Karaman, P. Shukurov, *Boundedness of sublinear operators and commutators on generalized Morrey spaces*, **Integral Equations and Operator Theory**, 71 (3) (2011), 327-355. (TR)
86. V.I. Burenkov, A. Gogatishvili, V.S. Guliyev, R.Ch. Mustafayev, *Boundedness of the Riesz potential in local Morrey-type spaces*, **Potential Analysis**, 35 (2011), no. 1, 67-87. (TR)
87. A.D. Gadjeiev, V.S. Guliyev, A. Serbetci and E. V. Guliyev, *The Stein-Weiss type inequality for B-Riesz potentials*, **Journal of Mathematical Inequalities**, 5 (2011), no. 1, 87-106. (TR)
88. V.S. Guliyev, S.S. Aliyev, *Boundedness of sublinear operators and commutators on generalized Morrey spaces*, **Dokl. Acad. Nauk Azerbaijan**, 67 (1) 2011, 3-11.
89. V.S. Guliyev, Sh.A. Muradova, *On the boundedness of anisotropic Riesz potential in anisotropic local Morrey-type spaces*, **Dokl. Acad. Nauk Azerbaijan**, 67 (3) 2011, 3-13.
90. V.S. Guliyev, P. Shukurov, *Boundedness of sublinear operators and commutators generated by Riesz potentials on generalized Morrey spaces*, **Dokl. Acad. Nauk Azerbaijan**, 67 (4) 2011, 3-11.
91. V.S. Guliyev, Sh.A. Muradova, *Parabolic fractional maximal operator in parabolic local Morrey-type spaces*, **Transactions of NAS of Azerbaijan**, 31 (4) 2011, 59-72.
92. V.S. Guliyev, K. Rahimova, *Parabolic fractional maximal operator and modified parabolic Morrey spaces*, **Journal of Function Spaces and Applications**, 2012, Article ID 543475, 20 pages, 2012. doi:10.1155/2012/543475 (TR)

93. V.S. Guliyev, *Generalized weighted Morrey spaces and higher order commutators of sublinear operators*, **Eurasian Mathematical Journal**, 3 (3) (2012), 33-61.
94. A. Akbulut, V.S. Guliyev, R. Mustafayev, *On the boundedness of the maximal operator and singular integral operators in generalized Morrey spaces*, **Mathematica Bohemica**, 137 (1) 2012, 27-43.
95. V.S. Guliyev, S.S. Aliyev, *Boundedness of parametric Marcinkiewicz integral operator and their commutators on generalized Morrey spaces*, **Georgian Mathematical Journal**, vol. 19 (2012), 195-208. (TR)
96. V.S. Guliyev, Y.Y. Mammadov, *Riesz potential on the Heisenberg group and modified Morrey spaces*, **Analele Stiintifice ale Universitatii Ovidius Constanta, Seria Matematica**, 20 (1) 2012, 189-212. (TR)
97. V.S. Guliyev, N. Garakhanova, I. Ekincioglu, *Pointwise and integral estimates for the fractional integrals on the Laguerre hypergroup*, **Mathematical Inequalities and Applications**, 12 (3) 2012, 513-524. (TR)
98. V.S. Guliyev, P. Shukurov, *Adams type result for sublinear operators generated by Riesz potentials on generalized Morrey spaces*. **Transactions of NAS of Azerbaijan**, 32 (1) 2012, 61-70.
99. V.S. Guliyev, T.S. Gadjiev, S.S. Aliyev, *Interior estimates in generalized Morrey spaces of solutions to nondivergence elliptic equations with VMO coefficients*. **Dokl. Acad. Nauk Azerbaijan**, 68 (6) 2012, 3-10.
100. V.S. Guliyev, K.R. Rahimova, *Parabolic fractional maximal operator in parabolic generalized Morrey spaces*. **Proceedings of IMM of NAS of Azerbaijan**, 2012, vol. 37 (XLV), pp. 61-76.
101. V.S. Guliyev, K. Rahimova, *Parabolic fractional integral operator in modified parabolic Morrey spaces*, **Proc. Razmadze Mathematical Institute**, vol. 163, 2013, 85-106.
102. V.S. Guliyev, *Generalized local Morrey spaces and fractional integral operators with rough kernel*, **Journal of Mathematical Sciences**, 2013, vol. 193, No. 2, 211-227.
103. V.S. Guliyev, A. Akbulut, Sh.A. Muradova, *On boundedness of the anisotropic fractional maximal operator from anisotropic complementary Morrey-type spaces to anisotropic Morrey-type spaces*, **Eurasian Mathematical Journal** 4 (1) 2013, 7-20.
104. V.S. Guliyev, C. Aykol, A. Serbetci, *O'Neil inequality for Hankel convolution operator and some applications*, **Eurasian Mathematical Journal**, 4 (3) 2013, 8-19.
105. V.S. Guliyev, Stefan Samko, *Maximal, potential and singular operators in the generalized variable exponent Morrey spaces on unbounded sets*, **Journal of Mathematical Sciences**, 2013, vol. 193, No. 2, 228-248.
106. V.S. Guliyev, Y. Sawano, *Linear and sublinear operators on Generalized Morrey spaces with non-doubling measures*, **Publicationes Mathematicae Debrecen**, vol. 83, 2013, no. 3, 303-327. (TR)
107. V.S. Guliyev, C. Aykol, A. Serbetci, *Local Morrey-Lorentz spaces and the boundedness of maximal operator in these spaces*, **Journal of Inequalities and Applications** 2013, 2013:346. (TR)
108. V.S. Guliyev, A. Akbulut, Y.Y. Mammadov, *Boundedness of fractional maximal operator and their higher commutators in generalized Morrey space in Carnot groups*, **Acta Mathematica**

- Scientia**, 2013, 33 B (5): 1329-1346. (TR)
109. V.S. Guliyev, Y.Y. Mammadov, *Boundedness of fractional maximal operators on generalized Morrey space in Heisenberg group*, **Indian Journal of Pure and Applied Mathematics**, Volume 44, Issue 2, 2013, 185-202. (TR)
  110. V.S. Guliyev, L. Softova, *Global regularity in generalized weighted Morrey spaces of solutions to nondivergence elliptic equations with VMO coefficients*, **Potential Analysis**, 38 (3) 2013, 843-862. (TR)
  111. V.S. Guliyev, A. Eroglu, Y.Y.Mammadov, *Riesz potential on the Heisenberg group and generalized Morrey spaces*, **Journal of Mathematical Sciences**, Vol. 189, No. 3, March, 2013, 365-382.
  112. V.S. Guliyev, J. Hasanov, S. Samko, *Maximal, potential and singular operators in the local "complementary" variable exponent Morrey type spaces*. **Journal of Mathematical Analysis and Applications**, 401 (1) 2013, 72-84. (TR)
  113. A. Akbulut, V.S. Guliyev, Sh.A. Muradova, *Boundedness of the anisotropic Riesz potential in anisotropic local Morrey-type spaces*. **Complex variables and elliptic equations**, 58 (02) 2013, 259-280. (TR)
  114. V.S. Guliyev, F.A. Isayev, *The two-weighted inequalities for sublinear operators generated by  $B$  singular integrals in weighted Lebesgue spaces*, **Acta Applicandae Mathematicae**, 127 (1), 2013, 1-16. (TR)
  115. V.S. Guliyev, *Local generalized Morrey spaces and singular integrals with rough kernel*. **Azerbaijan Journal of Mathematics**, vol. 3, no. 2 (2013), 79-94.
  116. V.S. Guliyev, A.S. Balakishiyev, *Parabolic fractional integral operators with rough kernel in parabolic generalized Morrey spaces*. **Proc. Inst. Math. Mech. Natl. Acad. Sci. Azerb.** 38 (2013), 47-56.
  117. V.S. Guliyev, P. Shukurov, *Commutators of Intrinsic Square Functions on Generalized Morrey Spaces*. **Proc. Inst. Math. Mech. Natl. Acad. Sci. Azerb.**, vol. 39, 2013, 33-46.
  118. V.S. Guliyev, K. Rahimova, *Parabolic fractional integral operator in modified parabolic Morrey spaces*, **Proceedings of A. Razmadze Mathematical Institute**, 163 (2013), 85-106.
  119. V.S. Guliyev, F.Ch. Alizadeh, *Multilinear commutators of Calderon-Zygmund operator on generalized weighted Morrey spaces*, **Journal of Function Spaces**, Volume 2014, Article ID 710542, 9 pages. (TR)
  120. V.S. Guliyev, M.N. Omarova, *Multilinear commutators of vector valued intrinsic square functions on vector-valued generalized weighted Morrey spaces*. **Journal of Inequalities and Applications**, 2014, 2014:258. (TR)
  121. V.S. Guliyev, F. Deringoz, J.J. Hasanov,  *$\Phi$ -admissible singular operators and their commutators on vanishing generalized Orlicz-Morrey spaces*, **Journal of Inequalities and Applications**, 2014, 2014:143. (TR)
  122. Y. Sawano, H. Tanaka, V.S. Guliyev, H. Gunawan, *Morrey spaces and related function spaces*. **Journal of Function Spaces**, Volume 2014, Article ID 867192, 2 pages (Impact Factor - 0.656) <http://dx.doi.org/10.1155/2014/867192> (TR)
  123. V.S. Guliyev, F. Deringoz, *On the Riesz potential and its commutators on generalized Orlicz-Morrey spaces*, **Journal of Function Spaces**, Volume 2014, Article ID 617414, 11 pages. (TR)



124. V.S. Guliyev, T. Karaman, A. Serbetci, *Boundedness of sublinear operators generated by Calderon-Zygmund operators on generalized weighted Morrey spaces*. **Scientific Annals of "Al.I. Cuza" University of Iasi**, vol. LX, 2014, f.1, 227-244. (TR)
125. V.S. Guliyev, A. Akbulut, M. Dziri, *Weighted norm inequalities for the  $g$ -Littlewood-Paley operators associated with Laplace-Bessel differential operators*, **Mathematical Inequalities and Applications**, vol. 17, no. 1 (2014), 317-333. (TR)
126. V.S. Guliyev, T. Karaman, R.Ch.Mustafayev, A. Serbetci, *Commutators of sublinear operators generated by Calderon-Zygmund operator on generalized weighted Morrey spaces*, **Czechoslovak Mathematical Journal**, 64 (2) (139), 2014, 365-386. (TR)
127. V.S. Guliyev, M.N. Omarova, *Higher order commutators of vector-valued intrinsic square functions on vector-valued generalized weighted Morrey spaces*. **Azerbaijan Journal of Mathematics**, vol. 4, no. 2 (2014), 64-85.
128. V.S. Guliyev, Zhijian Wu, Ying Xiao, *Morrey type Banach spaces, maximal operator and Fourier multipliers*. **Proc. Inst. Math. Mech. Natl. Acad. Sci. Azerb.**, Vol. 40, no. 1, 2014, 3-13.
129. V.S. Guliyev, F.A. Isayev, Z.V. Safarov, *Two-weighted inequality for  $p$  admissible  $B_{k,n}$  singular operators in weighted Lebesgue spaces*, **Proc. Inst. Math. Mech. Natl. Acad. Sci. Azerb.**, Vol. 40, no. 1, 2014, 122-146.
130. V.S. Guliyev, A.F. Ismayilova, *Marcinkiewicz integral and their commutators on generalized weighted Morrey spaces*. **Trans. Natl. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci.** 34 (2014), no. 4, Mathematics and Mechanics, 53-64.
131. V.S. Guliyev, A.F. Ismayilova, *Multi-sublinear fractional maximal operator and multilinear fractional integral operators on generalized Morrey spaces*. **Proceedings of the Institute of Mathematics and Mechanics**, vol. 40, 2014, no. 2, 22-33.
132. V.S. Guliyev, A.F. Ismayilova, *Multi-sublinear maximal operator and multilinear singular integral operators on generalized Morrey spaces*. **Proceedings of the Institute of Mathematics and Mechanics**, vol. 40, 2014, no. 2, 65-77.
133. V.S. Guliyev, *Function spaces and integral operators associated with Schrodinger operators: an Overview*. **Proceedings of the Institute of Mathematics and Mechanics**, Special Issue-In memory of M.G. Gasymov on his 75th birthday , vol. 40, 2014, 178-202.
134. A.S. Balakishiyev, V.S. Guliyev, F. Gurbuz, A. Serbetci, *Sublinear operators with rough kernel generated by Calderon-Zygmund operators and their commutators on generalized local Morrey spaces*, **Journal of Inequalities and Applications**, (2015) 2015:61. (TR)
135. V.S. Guliyev, Stefan Samko, F. Deringoz, *Boundedness of the maximal operator and its commutators on vanishing generalized Orlicz–Morrey spaces*, **Annales Academiæ Scientiarum Fennicæ Mathematica**, 40 (2), (2015), 535–549. (TR)
136. V.S. Guliyev, F. Deringoz, *Boundedness of fractional maximal operator and its commutators on generalized Orlicz–Morrey spaces*, **Complex Analysis and Operator Theory**, (2015) 9:1249–1267. (TR)
137. V.S. Guliyev, A.F. Ismayilova, A. Kucukaslan, A. Serbetci, *Generalized fractional integral operators on generalized local Morrey spaces*. **Journal of Function Spaces**, (2015), Article ID 594323, 8 pages. (TR)

138. V. Guliyev, A.S. Balakishiyev, *Parabolic fractional maximal and integral operators with rough kernels in parabolic generalized Morrey spaces*. **Journal of Mathematical Inequalities**, 9 (1) 2015, 257-276. (TR)
139. V.S. Guliyev, M.N. Omarova, Y. Sawano, *Boundedness of intrinsic square functions and their commutators on generalized weighted Orlicz-Morrey spaces*. **Banach Journal of Mathematical Analysis**, 9 (2), (2015), 44-62. (TR)
140. V.S. Guliyev, I. Ekinoglu, Sh.A. Nazirova, *The boundedness of rough multilinear fractional integral operators in the Lorentz spaces*. **Journal of Inequalities and Applications**, (2015), 2015:71. (TR)
141. V.S. Guliyev, L. Softova, *Generalized Morrey regularity for parabolic equations with discontinuity data*. **Proceedings of the Edinburgh Mathematical Society**, 58 (1) (2015), 199-218. (TR)
142. V.S. Guliyev, L. Softova, *Generalized Morrey estimates for the gradient of divergence form parabolic operators with discontinuous coefficients*, **Journal of Differential Equations**, 259 (6) (2015), 2368-2387. (TR)
143. C. Aykol, V.S. Guliyev, A. Gogatishvili, *Characterization of associate spaces of generalized weighted weak-Lorentz spaces and embeddings*, **Studia Mathematica**, 228 (3) 2015, 223-233. (TR)
144. V.S. Guliyev, E. Ibrahimov, *Generalized Gegenbauer shift and some problems of the theory of approximation of functions on the metric of  $L_{2,\lambda}$* , **Trans. Natl. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci.** 35 (2015), no. 4, **Mathematics and Mechanics**, 19-51.
145. V.S. Guliyev, M.N. Omarova, *Multilinear singular and fractional integral operators on generalized weighted Morrey spaces*. **Azerbaijan Journal of Mathematics**, vol. 5, no. 1 (2015), 104-132.
146. C. Aykol, V.S. Guliyev, A. Kucukaslan, A. Serbetci, *The boundedness of Hilbert transform in the local Morrey-Lorentz spaces*, **Integral Transforms and Special Functions**, 27 (2016), no. 4, 318-330. (TR)
147. V.S. Guliyev, M.N. Omarova, *Parabolic oblique derivative problem with discontinuous coefficients in generalized weighted Morrey spaces*, **Open Mathematics**, 14 (2016), 49-61. (TR)
148. V.S. Guliyev, M.N. Omarova, *Corrigendum to: Parabolic oblique derivative problem with discontinuous coefficients in generalized weighted Morrey spaces*, **Open Mathematics**, 14 (2016), 283-285. (TR)
149. V.S. Guliyev, F. Deringoz, J.J. Hasanov,  *$(\Phi, \Psi)$ -admissible potential operators and their commutators on vanishing Orlicz-Morrey spaces*, **Collectanea Mathematica**, 67 (2016), no. 1, 133-153. (TR)
150. V.S. Guliyev, S. Samko, *Maximal operator in variable exponent generalized Morrey spaces on quasi-metric measure space*, **Mediterranean Journal of Mathematics**, 13 (2016), 1151-1165. (TR)
151. V.S. Guliyev, Sh. Muradova, M.N. Omarova, L. Softova, *Generalized weighted Morrey estimates for the gradient of divergence form parabolic operators with discontinuous coefficients*, **Acta Mathematica Sinica**, 32 (8), 2016, 911-924. (TR)
152. R.A. Bandaliyev, V.S. Guliyev, I.G. Mamedov, A.B. Sadigov, *The optimal control problem in*

- the processes described by the Goursat problem for a hyperbolic equation in variable exponent Sobolev spaces with dominating mixed derivatives*, **Journal of Computational and Applied Mathematics**, 305 (2016), 11-17. (TR)
153. V.S. Guliyev, V.H. Hamzayev, *Rough singular integral operators and its commutators on generalized weighted Morrey spaces*, **Mathematical Inequalities and Applications**, 19 (3) (2016), 863–881. (TR)
154. V.S. Guliyev, S.G. Hasanov, Y. Sawano, T. Noi, *Nonsmooth atomic decompositions for generalized Orlicz-Morrey spaces of the third kind*, **Acta Applicandae Mathematicae**, 145 (1) (2016), 133-174. (TR)
155. V.S. Guliyev, C. Aykol, A. Kucukaslan, A. Serbetci, *Maximal operator and Calderon-Zygmund operators in local Morrey-Lorentz spaces*, **Integral Transforms and Special Functions**, 27 (11) (2016), 866-877. (TR)
156. V.S. Guliyev, F. Deringoz, S.G. Hasanov, *Characterizations for the Riesz potential and its commutators on generalized Orlicz-Morrey spaces*, **Journal of Inequalities and Applications**, (2016) 2016:248 (TR)
157. V.S. Guliyev, A. Akbulut, V.H. Hamzayev, O. Kuzu, *Commutators of Marcinkiewicz integrals associated with Schrödinger operator on generalized weighted Morrey spaces*, **Journal of Mathematical Inequalities**, 10(4) (2016), 947–970 (TR)
158. V.S. Guliyev, T.S. Gadjeiev, Sh. Galandarova, *Dirichlet boundary value problems for uniformly elliptic equations in modified local generalized Sobolev-Morrey spaces*. **Electronic Journal of Qualitative Theory of Differential Equations**, 2017, No. 67, 1-18. (TR)
159. V.S. Guliyev, F. Deringoz, A. Ragusa, *Intrinsic square functions on vanishing generalized Orlicz-Morrey spaces*. **Set-Valued and Variational Analysis**, 25 (2017), no. 4, 807-828. (TR)
160. F. Deringoz, V.S. Guliyev, S.G. Hasanov, *A characterization for Adams type boundedness of the fractional maximal operator on generalized Orlicz-Morrey spaces*, **Integral Transforms and Special Functions**, 28 (4) (2017), 284-299. (TR)
161. A. Akbulut, V.S. Guliyev, M.N. Omarova, *Marcinkiewicz integrals associated with Schrödinger operators and their commutators on vanishing generalized Morrey spaces*. **Boundary Value Problems**, (2017) 2017:121. (TR)
162. F. Deringoz, V.S. Guliyev, S.G. Hasanov, *Riesz potential and its commutators on Orlicz spaces*. **Journal of Inequalities and Applications**, (2017) 2017:75, 18 pp. (TR)
163. V.S. Guliyev, S.G. Hasanov, Y. Sawano, *Decompositions of local Morrey type spaces*. **Positivity**, 21 (3) 2017, 1223-1252. (TR)
164. A. Akbulut, V.S. Guliyev, Y. Sawano, T. Noi, *Generalized Morrey spaces–revisited*. **Zeitschrift für Analysis und ihre Anwendungen**, 36 (1) (2017), 17-35. (TR)
165. A. Akbulut, V.S. Guliyev, Y. Sawano, T. Noi, *Generalized Hardy –Morrey spaces*. **Zeitschrift für Analysis und ihre Anwendungen**, 36 (2) 2017, 129-149. (TR)
166. V.S. Guliyev, K. Koca, R.Ch. Mustafayev, T. Unver, *Norm estimates of operators arising from Schwarz BVP in local Morrey-type spaces*. **Complex variables and elliptic equations**, 62 (10) (2017), 1541-1557. (TR)

167. A. Eroglu, V.S. Guliyev, C.V. Azizov, *Characterizations for the fractional integral operators in generalized Morrey spaces on Carnot groups*. **Mathematical Notes**, 102 (5) (2017), 127-139. (TR)
168. F. Deringoz, V.S. Guliyev, S. Samko, *Vanishing generalized Orlicz-Morrey spaces and fractional maximal operator*. **Publicationes Mathematicae Debrecen**, 90 (1-2) (2017), 125-147. (TR)
169. V.S. Guliyev, K. Koca, R.Ch. Mustafayev, T. Unver, *Norm estimates of a class of operators arising from Schwarz BVP in complementary local Morrey-type spaces on the unit disc*. **Journal of Mathematical Analysis**, 8 (1) (2017), 130-142. Scopus
170. V.S. Guliyev, E.J. Ibrahimov, S.Ar. Jafarova, *Gegenbauer harmonic analysis and approximation of functions on the half line*. *Advances in Analysis*, 2 (3) (2017), 167-195.
171. A. Eroglu, V.S. Guliyev, M.N. Omarova, *Characterizations for the nonsingular integral operator and its commutators on generalized Orlicz-Morrey spaces*, *Azerbaijan Journal of Mathematics*, vol. 7, no. 2 (2017), 67-89.
172. V.S. Guliyev, M.N. Omarova, M.A. Ragusa and A. Scapellato, *Commutators and generalized local Morrey spaces*. **Journal of Mathematical Analysis and Applications**, 457 (2) (2018), 1388-1402. (TR)
173. V.S. Guliyev, A.A. Ahmadli, M.N. Omarova, L.G. Softova, *Global regularity in Orlicz-Morrey spaces of solutions to nondivergence elliptic equations with VMO coefficients*. **Electron. J. Differential Equations**, Vol. 2018 (2018), No. 110, pp. 1-24. (TR)
174. V.S. Guliyev, F. Deringoz, *Some characterizations of Lipschitz spaces via commutators on generalized Orlicz-Morrey spaces*. **Mediterranean Journal of Mathematics** (2018) 15:180, 1-19. (TR)
175. V.S. Guliyev, R.V. Guliyev, M.N. Omarova, *Riesz transforms associated with Schrödinger operator on vanishing generalized Morrey spaces*. **Applied and Computational Mathematics**, 17 (1) (2018), 56-71. (TR)
176. V.S. Guliyev, A. Akbulut, F.M. Namazov, *Morrey type estimates for commutator of fractional integral associated with Schrodinger operators on the Heisenberg group*, **Advances in Difference Equations**, 2018, 2018:260, 1-20. (TR)
177. V.S. Guliyev, A. Akbulut, *Commutator of fractional integral with Lipschitz functions associated with Schrödinger operator on local generalized Morrey spaces*. **Boundary Value Problems**, (2018) 2018:121. (TR)
178. F. Deringoz, V.S. Guliyev, S.G. Hasanov, *Commutators of fractional maximal operator on generalized Orlicz-Morrey spaces*. **Positivity**, 22 (1) (2018), 141-158. (TR)
179. V.S. Guliyev, J.J. Hasanov, X.A. Badalov, *Maximal and singular integral operators and their commutators on generalized weighted Morrey spaces with variable exponent*. **Mathematical Inequalities and Applications**, 21 (1) (2018), 41-61. (TR)
180. R.A. Bandaliyev, V.S. Guliyev, S.G. Hasanov, *Two-weighted inequalities for Riesz potential in  $p$ -convex weighted modular Banach function space*, **Ukrainian Mathematical Journal**, 69 (11) (2018), 1673-1688. (TR)
181. V.S. Guliyev, F. Deringoz, S.G. Hasanov, *Fractional maximal function and its commutators on Orlicz spaces*. **Analysis and Mathematical Physics**, 8 (4) (2018), 1-16. (TR)

182. F. Deringoz, V.S. Guliyev, S.G. Hasanov, *Maximal operator and its commutators on generalized weighted Orlicz-Morrey spaces*. **Tokyo Journal of Mathematics**, 40 (2) (2018), 1-23. (TR)
183. V.S. Guliyev, F. Deringoz, S.G. Hasanov, *Commutators of fractional maximal operator on Orlicz spaces*. **Mathematical Notes**, 104 (4) (2018), 498-507. (TR)
184. V.S. Guliyev, E. Ibrahimov, *Necessary and sufficient conditions for the boundedness of the Gegenbauer-Riesz potential on Morrey spaces*. **Georgian Mathematical Journal**, 25 (2018), no. 2, 235-248. (TR)
185. R.A. Bandaliyev, V.S. Guliyev, I.G. Mamedov, Y.I. Rustamov, *Optimal control problem for Bianchi equation in variable exponent Sobolev spaces*. **Journal of Optimization Theory and Applications (JOTA)**, 179 (3) 2018, 1-18. (TR)
186. V.S. Guliyev, F. Deringoz, S.G. Hasanov, *Fractional maximal function and its commutators on Orlicz spaces*. **Analysis and Mathematical Physics**, 8 (4) (2018), 1-16. (TR)
187. V.S. Guliyev, *Characterizations for the fractional maximal operator and its commutators in generalized weighted Morrey spaces on Carnot groups*. **Anal. Math. Phys.** 10 (2020), no. 2, Paper No. 15, 20 pp. (WoS, IF-2.056) Q1
188. V.S. Guliyev, I.Ekincioglu, E.Kaya, Z. Safarov, *Characterizations for the fractional maximal commutator operator in generalized Morrey spaces on Carnot group*, **Integral Transforms Spec. Funct.** 30 (6) (2019), 453–470. (WoS, IF-0.812) Q2
189. V.S. Guliyev, J.J. Hasanov, X.A. Badalov, *Commutators of Riesz potential in the vanishing generalized weighted Morrey spaces with variable exponent*, **Mathematical Inequalities and Applications** 22 (1) (2019), 331-351. (WoS, IF-1.083) Q1
190. V.S. Guliyev, F. Deringoz, S.G. Hasanov, *Fractional maximal function and its commutators on Orlicz spaces*, **Analysis and Mathematical Physics** 9 (1) (2019), 165–179. (WoS, IF-1.792) Q1
191. V.S. Guliyev, F. Deringoz, E. Nakai, Y. Sawano, M. Shi, *Generalized fractional maximal and integral operators on Orlicz and generalized Orlicz-Morrey spaces of the third kind*, **Positivity** 23 (3) (2019), 727-757. (WoS, IF- 0.883) Q2
192. V.S. Guliyev, T. Gadjiev, Sh. Galandarova, *Regularity in generalized Morrey spaces of solutions to higher order nondivergence elliptic equations with VMO coefficients*, **Electronic Journal of Qualitative Theory of Differential Equations** 2019, No. 55, 1–17; (WoS, IF-1.065) Q1
193. V.S. Guliyev, A. Ghorbanalizadeh, Y. Sawano, *Approximation by trigonometric polynomials in variable exponent Morrey spaces*, **Analysis and Mathematical Physics** 9 (3) (2019), 1265-1285. (WoS, IF-1.792) Q1
194. V.S. Guliyev, F. Deringoz, *A characterization for fractional integral and its commutators in Orlicz and generalized Orlicz–Morrey spaces on spaces of homogeneous type*, **Analysis and Mathematical Physics** (2019) 9:1991–2019 (WoS, IF-1.792) Q1
195. C. Keskin, I. Ekincioglu, V.S. Guliyev, *Characterizations of Hardy spaces associated with Laplace–Bessel operators*, **Analysis and Mathematical Physics** (2019) 9:2281–2310 (WoS, IF-1.792) Q1
196. E. Ibrahimov, V.S. Guliyev, *Necessary and sufficient conditions for the boundedness of the Gegenbauer potential*, **Mathematical Notes** 105 (5-6) (2019), 674-683 (WoS, IF-0.577) Q3

197. E. Ibrahimov, V.S. Guliyev, S.A. Jafarova, *On boundedness of fractional maximal function and Riesz-Gegenbauer potential generated by Gegenbauer differential operator*, **Trans. A. Razmadze Math. Inst.**, 173(3), 2019, 45-78. (WoS, ESCI, SCOPUS)
198. V.S. Guliyev, A. Akbulut, S. Celik, M.N. Omarova, *Higher order Riesz transforms related to Schrodinger type operator on local generalized Morrey spaces*, **TWMS J. Pure Appl. Math.** 10 (1), 2019, 58-75. (WoS, ESCI, SCOPUS)
199. V.S. Guliyev, A. Eroglu, G.A. Abasova, *Characterization of parabolic fractional maximal function and its commutators in Orlicz spaces*. **Springer Proceedings in Mathematics and Statistics** : Modern Methods, Problems and Applications of Operator Theory and Harmonic Analysis, vol. 291 (2019), 35-49. (WoS, ESCI)
200. V.S. Guliyev, E. Ibrahimov, *Necessary and sufficient conditions for the boundedness of the Gegenbauer-Riesz potential in modified Morrey spaces*, **Trans. A. Razmadze Mathematical Institute**, 173 (1) (2019), 37-52. (WoS, ESCI)
201. V.S. Guliyev, A. Eroglu, G.A. Abasova, *Characterization of parabolic fractional integral and its commutators in parabolic generalized OrliczMorrey spaces*, **Azerbaijan Journal of Mathematics** 9 (1) (2019), 92-107. (WoS, ESCI)
202. V.S. Guliyev, T.S. Gadjiev, A. Serbetçi, *Regularity of solutions higher order elliptic equations in weighted generalized Morrey spaces*, **Nonlinear studies**, Vol.26, No.4, pp.831-842, 2019 (SCOPUS)
203. R.A. Bandaliyev, V.S. Guliyev, *Embedding theorems between variable exponent Morrey spaces*, **Mathematical Notes** 106 (4) (2019), 488-500. (WoS, IF-0,612) (Q3).
204. R.A. Bandaliyev, V.S. Guliyev, I.G. Mammadov, Y.I. Rustamov, *Optimal Control Problem for Bianchi Equation in Variable Exponent Sobolev Spaces*, **Journal of Optimization Theory and Applications** (JOTA), 180 (1) 2019, 303-320. (WoS, IF-1.234) Q2
205. V.S. Guliyev, E. Ibrahimov, *Non-singular integral operators generated by Gegenbauer differential operator on generalized Morrey spaces*, **Nakhchivan Teacher-Training Institute News**, 2019, no. 2, 129-144.
206. V.S. Guliyev, M.N. Omarova, L. Softova, *The Dirichlet problem in a class of generalized weighted Morrey spaces*, **Proc. Inst. Math. Mech. Natl. Acad. Sci. Azerb.** 45 (2), 270-285 (2019). (WoS, ESCI, SCOPUS)
207. V.S. Guliyev, I. Ekincioglu, A.A. Ahmadli, M.N. Omarova, *Global regularity in Orlicz-Morrey spaces of solutions to parabolic equations with VMO coefficients*, **Journal of Pseudo-Differential Operators and Applications** 11 (4) (2020), 1963-1989. (WoS, IF-0.532) Q4
208. V.S. Guliyev, R.V. Guliyev, M.N. Omarova, M.A. Ragusa, *Schrödinger type operators on local generalized Morrey spaces related to certain nonnegative potentials*, **Discrete and Continuous Dynamical Systems-Series B**, 25 (2) (2020), 671-690. (WoS, IF-1.270) Q2
209. T.S. Gadjiev, V.S. Guliyev, K.G. Suleymanova, *The Dirichlet problem for the uniformly elliptic equation in generalized weighted Morrey spaces*, **Studia Scientiarum Mathematicarum Hungarica** 57 (1) (2020), 68-90. (WoS, IF-0.468) Q4
210. V.S. Guliyev, A. Ahmadli, S.E. Ekincioglu, *Oscillatory integrals with variable Calderón-Zygmund kernel on vanishing generalized Morrey spaces*, **Tbilisi Math. J.** 13 (2020), no. 1, 69–82. (WoS, ESCI)

211. V.S. Guliyev, H. Armutcu, T. Azeroglu, *Characterizations for the potential operators on Carleson curves in local generalized Morrey spaces*, **Open Mathematics** 18 (1) (2020), 1317-1331. (WoS, IF-0.773) Q3
212. Ekincioglu, V.S. Guliyev, Esra Kaya,  *$B_n$ -Maximal operator and  $B_n$ -singular integral operators on variable exponent Lebesgue spaces*, **Math. Slovaca** 70(4) (2020), 893-902. (WoS, IF-0.654) Q3
213. V.S. Guliyev, A. Kucukaslan, C. Aykol, A. Serbetci, *Riesz potential in the local Morrey-Lorentz spaces and some applications*, **Georgian Math. J.** 27 (2020), no. 4, 557-567. (WoS, IF-0.500) Q4
214. V.S. Guliyev, Y.Y. Mammadov, F.A. Muslumova, *Boundedness Characterization of Maximal Commutators on Orlicz Spaces in the Dunkl Setting*, **J. Math. Study**, 53 (1) (2020), 45-65. (WoS, ESCI)
215. Eroglu, G.A. Abasova, V.S. Guliyev, *Spanne type characterization of parabolic fractional maximal function and its commutators in parabolic generalized Orlicz-Morrey spaces*, Springer Proceedings in Mathematics and Statistics: (Vol.1) **Operator Theory and Harmonic Analysis**. Vol. 1: New General Trends and Advances of the Theory, 2020, 35-49. (Wos, ESCI)
216. Akbulut, V.I.Burenkov, V.S.Guliyev, *Anisotropic fractional maximal commutators with BMO functions on anisotropic Morrey-type spaces*, **Trans. Natl. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci.** 40 (4), **Mathematics**, 13-32 (2020). (SCOPUS)
217. V.S. Guliyev, E.J. Ibrahimov, S.E. Ekincioglu, S.Ar. Jafarova, *O'Neil inequality for convolutions associated with Gegenbauer differential operator and some applications*, **J. Math. Study**, 53 (1) (2020), 90-124. (WoS, ESCI)
218. F. Deringoz, K. Dorak, V.S. Guliyev, *Characterization of the boundedness of fractional maximal operator and its commutators in Orlicz and generalized Orlicz-Morrey spaces on spaces of homogeneous type*. **Anal. Math. Phys.** 11 (2021), no. 2, Paper No. 63, 30 pp. (impact factor 1.548) Q1
219. V.S. Guliyev, *Generalized Sobolev-Morrey estimates for hypoelliptic operators on homogeneous groups*, **Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. RACSAM** 115 (2021), no. 2, Paper No. 69, 23 pp. (impact factor 2.169) Q1
220. V. S. Guliyev, M.N. Omarova, M.A.Ragusa, A. Scapellato, *Regularity of solutions of elliptic equations in divergence form in modified local generalized Morrey spaces*. **Anal. Math. Phys.** 11 (2021), no. 1, Paper No. 13, 20 pp. (impact factor 1.548) Q1
221. V.S. Guliyev, A.F. Ismayilova, *Calderon-Zygmund operators with kernels of Dini's type and their multilinear commutators on generalized weighted Morrey spaces*. **TWMS J. Pure Appl. Math.** 12 (2) (2021), 265-277. (impact factor 1.892) Q1
222. R.A. Bandaliev, P.Gorka, V.S. Guliyev, Y. Sawano, *Relatively compact sets in variable exponent Morrey spaces on metric spaces*. **Mediterranean Journal of Mathematics** 18 (6) (2021), 232, 24 pp. (impact factor 1.400) Q2
223. V.S. Guliyev, I. Ekincioglu, *Characterizations for the fractional integral operator and its commutators in generalized weighted Morrey spaces on Carnot groups*, **Journal of Mathematical Inequalities**, 15 (1) (2021), 151-171. (impact factor 1.225) Q2

224. T.S. Gadjiev, V.S. Guliyev, *Nonlinear elliptic equations with BMO coefficients in nonsmooth domain in generalized Morrey spaces*. **Journal of Mathematical Inequalities** 15(2) (2021), 491-509. **(impact factor 1. 225) Q2**
225. V.S. Guliyev, *Calderon-Zygmund operators with kernels of Dini's type on generalized weighted variable exponent Morrey spaces*. **Positivity** 25(5) (2021), 1-20. **(impact factor 1. 030) Q2**
226. V.S. Guliyev, *Commutators of the fractional maximal function in generalized Morrey spaces on Carnot groups*. **Complex Variables and Elliptic Equations** 66 (6-7) (2021), 893-909. **(impact factor 0. 846) Q3**
227. V.I. Burenkov, V.S. Guliyev, T.V. Tararykova, *Comparison Morrey spaces and Nikol'skii spaces*, **Eurasian Mathematical Journal**, 12 (1) (2021), 9-20. **(Wos, ESCI)**
228. T.S. Gadjiev, V.S. Guliyev, E. J. Ibrahimov, *An initial-boundary value problem for systems of linear partial differential equations with a differential operator of Gegenbauer type*. **Trans. A. Razmadze Math. Inst.** 175 (2021), no. 3, 1–9. **(Wos, ESCI)**
229. V.S. Guliyev, A.F. Ismayilova, *Calderon-Zygmund operators with kernels of Dini's type and their multilinear commutators on generalized variable exponent Morrey spaces*. **Proceedings of the Institute of Mathematics and Mechanics** 47(2) (2021), 1–15. **(Wos, ESCI)**
230. V.S. Guliyev, A. Eroglu, G.A. Abasova, *Spanne type characterization of parabolic fractional maximal function and its commutators in parabolic generalized Orlicz-Morrey spaces*. Vol. 1, **Operator Theory and Harmonic Analysis**, 161–178, Springer Proc. Math. Stat., 357, Springer, 2021. **WOS**