List of Papers

佐野　めぐみ (Megumi Sano)

[1] Mercaldo A., Sano M., and Takahashi F.「Finsler Hardy inequalities」, submitted.

[2] Sano M.「Extremal functions of generalized critical Hardy inequalities」, J. Differential Equations, accepted.

[3] Sano M. and Takahashi F.「Weighted Hardy's inequality in a limiting case and the perturbed Kolmogorov equation」, Applicable Analysis, accepted.

[4] Hahizume M. and Sano M.「Strauss's radial compactness and nonlinear elliptic equation involving a variable critical exponent」, J. Funct. Spaces 2018, Art. ID 5497172, (2018), 13 pp.

[5] Sano M. and Takahashi F.「Some improvements for a class of the Caffarelli-Kohn-Nirenberg inequalities」, Differential Integral Equations, Volume 31, Numbers 1-2, (2018), 57-74.

[6] Sano M.「Scaling invariant Hardy type inequalities with non-standard remainder terms」, Mathematical Inequalities & Applications, Volume 21, Number 1 (2018), 77-90.

[7] Sano M. and Takahashi F.「Scale invariance structures of the critical and the subcritical Hardy inequalities and their improvements」, Calc. Var. Partial Differential Equations 56 (2017), no. 3, Paper No. 69, 14 pp.

[8] Sano M. and Takahashi F.「Sublinear eigenvalue problems with singular weights related to the critical Hardy inequality」, Electron. J. Diff. Equ., Vol. 2016 (2016), No. 212, pp. 1-12.

[9] Sano M. and Takahashi F.「Improved Rellich type inequalities in $\mathbb{R}^N$」, Springer Proceedings in Mathematics & Statistics 176, 「Geometric Properties for Parabolic and Elliptic PDE's」, (2016), 241-255.

[10] Sano M.「A mean value property for polycaloric functions」, Scientiae Mathematicae Japonicae, (2015), Vol. 78, No. 1, 103-112.