論文リスト
(2025 年 4 月 1 日現在)

大阪公立大学
細野 竜也

論文 (査読有)

[1] T. Hosono and T. Ogawa, Local well-posedness and finite time blow-up of solutions to an attraction-repulsion chemotaxis system in higher dimensions, J. Math. Anal. Appl. **510** (2022), no. 1, Paper No. 126009, 32 pp.

[2] T. Hosono, Finite-time blow-up for the attractive dominant case of an attraction-repulsion chemotaxis system in the whole space, Differential Integral Equations **36** (2023), no. 11-12, 907–928.

[3] T. Hosono and T. Ogawa, Global existence of solutions to the 4D attraction-repulsion chemotaxis system and applications of Brezis-Merle inequality, Nonlinearity **36** (2023), no. 11, 5860–5883.

[4] T. Hosono and Ph. Laurençot, Global existence and boundedness of solutions to a fully parabolic chemotaxis system with indirect signal production in $\mathbb{R}^4$, J. Differential Equations **416** (2025), 2085–2133.

投稿中論文

[5] T. Hosono, On the Cauchy problem for a chemotaxis system with indirect signal production, SeMA-SIMAI Springer series volume "Analysis, approximation and control of chemotaxis models" (proceedings in mini-symposia of 9th European Congress of Mathematics), accepted with minor revision.

[6] T. Hosono, Global solvability and threshold for a parabolic-elliptic chemotaxis system in $\mathbb{R}^n$, submitted.