

業績リスト:(2019~)

1. S. Matsumoto and T. Odagaki
“Theoretical Study of Discharge in a Nonlinear Medium”, J. Phys.Soc. Jpn. **88**, 034704-1-7 (2019).
2. 小田垣孝
“秩序・無秩序現象の計算機実験-50年前に考えられたこと”, (歴史の小径) 日本物理学会誌 **74** No. 8, 568-569 (2019).
3. 小田垣孝
“新型コロナウイルスの蔓延に関する一考察”, 物性研究・電子版 **8** No.2, 082101-1-10 (2020).
4. T.Odagaki
“Analysis of the outbreak of COVID-19 in Japan by SIQR model”, Infectious Disease Modelling, **5**, 691-698 (2020).
5. 小田垣孝
“新型コロナウイルスの第3波に備える”, コロナ世を生き抜く技とは (福工大土曜談話会編、花書院 2020年10月) p. 100-103.
6. T.Odagaki
“Exact Properties of SIQR model for COVID-19”, Physica A**564**, 125564-1-9 (2021).
7. T.Odagaki
“Self-organized wavy infection curve of COVID-19”, Scientific Reports (Springer Nature), **11**, 1936-1-6(2021).
8. T.Odagaki, Y.Saruyama, T.Ishida
“Relaxation of the free energy landscape and temperature modulation”, Journal of Non-Crystalline Solids, **558**, 119448-1-5:online 11 September 2019, 119448.
9. T.Odagaki
“Self-organization of oscillation in an epidemic model for COVID-19”, Physica A**573**, 125925-1-5 (2021).
10. T.Odagaki and R. Suda
“Classification of the Infection Status of COVID-19 in 190 Countries”, J. Clin. Trials, **11**), **472-1-5 (2021)**.
11. **T. Odagaki**
“Estimation of the onset rate and the number of asymptomatic patients of COVID-19 from the proportion of untraceable patients”, Epidemiology and Public Health Research (Open Access) **2(1)**, 1-5 (2022).
12. **T. Odagaki**
”Variable range random walk”, Physica A **603**, 127781-1-7(2022).
13. 小田垣孝
”不規則媒質中の波動伝播におけるコヒーレント波の考え方”, 日本物理学会誌, **78**, 45-46(2023).
14. **T. Odagaki**
”Waiting time dependence of aging”, J. Phys.: Condens. Matter **35**, 124001 (7pp)(2023).

15. T. Odagaki
"New compartment model for COVID-19", *Scientific Reports*, **13**, 5409 (5pp)(2023).
16. T. Odagaki
"Unusual Mechanocaloric Property of Rubber", *J. Phys. Soc. Jpn.* **92**, 053001 (3pp)(2023).]
17. T. Mizuguchi and T. Odagaki
"Determination of cooperatively rearranging regions in a binary glass former", *J. Phys.: Condens. Matter*, **35**, 334003 (5pp)(2023).

著書・訳書:(2020~)

1. "つながりの物理学", (裳華房.2020)
2. "現代の物性物理学"(M. L. Cohen and S. G. Luie 著:小田垣 孝, 吉留崇, 大久保毅訳) (吉岡書店, 2021).
3. "社会物理学", (小田垣孝, 佐野幸恵、山崎義弘、山本健 著) (共立出版, 2022)
4. "電子版 エッセンシャル 統計力学", (裳華房, 2023)