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Publications

1. R. Vithanage, S. Jang, Optimal immunotherapy interactions in oncolytic viral therapy and adopted cell transfer for cancer treatment with saturation effects, *WSEAS Transactions on Biology and Biomedicine*, to appear.
2. P. Ambegoda, H-C Wei, S. Jang, The role of immune cells in resistance to oncolytic viral therapy, *Mathematical Biosciences and Engineering*, **21**(5), 5900-5946, 2024.
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5. J. Yu, S. Jang, K. Liu, Exploring the interactions of oncolytic viral therapy and immunotherapy of anti-CTLA-4 for malignant melanoma mice model, *Cells*, **12**(3), 507, 2023.
6. R. Vithanage, H-C Wei, S. Jang, The role of tumor activation and inhibition with saturation effects in a mathematical model of tumor and immune system interactions undergoing oncolytic viral therapy, *Mathematical Methods in the Applied Sciences*, **46**(9), 10787-10813, 2023.
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14. J. Yu, H-C Wei, S. Jang, A model of tumor-immune system interactions with healthy cells and immunotherapies, *Mathematical Methods in the Applied Sciences*, **45**(5), 2852-2870, 2022.
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Editorial Service

1. Global Journal of Pure and Applied Mathematics, April 2024–present.
2. MDPI Mathematics, Mathematical Biology Section, May 2021–present.
3. International Journal of Analysis and Applications, 2013–present.
4. Guest Editor, Mathematical Biosciences and Engineering, 2021.
5. Far East Journal of Applied Mathematics, 2013–2021.
6. Journal of Difference Equations and Applications, 2012–2021.
7. Progress in Applied Mathematics, 2012–2015.
8. Studies in Mathematical Sciences, 2012–2015.
9. Guest Editor, Journal of Biological Dynamics, 2007.