

Takayasu Sekihara

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

722
citations

623734

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794594

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25
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25
docs citations

25
times ranked

506
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Identifying Multiquark Hadrons from Heavy Ion Collisions. Physical Review Letters, 2011, 106, 212001. | 7.8 | 115 |
| 2 | Exotic hadrons in heavy ion collisions. Physical Review C, 2011, 84, . | 2.9 | 110 |
| 3 | Exotic hadrons from heavy ion collisions. Progress in Particle and Nuclear Physics, 2017, 95, 279-322. | 14.4 | 104 |
| 4 | Weak decays of heavy hadrons into dynamically generated resonances. International Journal of Modern Physics E, 2016, 25, 1630001. | 1.0 | 100 |
| 5 | Internal structure of the resonant (1405) state in chiral dynamics. Physical Review C, 2011, 83, . | 2.9 | 46 |
| 6 | On the structure observed in the in-flight $3\text{He}(K^+, p)n$ reaction at J-PARC. Progress of Theoretical and Experimental Physics, 2016, 2016, 123D03. | 6.6 | 37 |
| 7 | Investigating the nature of light scalar mesons with semileptonic decays of D mesons. Physical Review D, 2015, 92, . | 4.7 | 35 |
| 8 | The $K^+ d \rightarrow \bar{K}^0 n$ reaction revisited. European Physical Journal A, 2013, 49, 1. | 2.5 | 28 |
| 9 | Testing the molecular nature of D mesons. Physical Review D, 2015, 92, . | 4.7 | 26 |
| 10 | Size measurement of dynamically generated hadronic resonances with finite boxes. Physical Review C, 2013, 87, . | 2.9 | 25 |
| 11 | Compositeness of baryonic resonances: Application to the $\Lambda(1535)$ resonance. Physical Review C, 2017, 95, . | 2.9 | 23 |
| 12 | Interaction: Meson exchanges, inelastic channels, and quasibound state. Physical Review C, 2018, 98, . | 2.9 | 23 |
| 13 | Two-body wave functions and compositeness from scattering amplitudes: General properties with schematic models. Physical Review C, 2017, 95, . | 2.9 | 21 |
| 14 | Constituent-counting rule in photoproduction of hyperon resonances. Physical Review D, 2016, 93, . | 4.7 | 15 |
| 15 | Theoretical study of photoproduction of an $\Lambda(1535)$ state on a deuteron target with forward proton emission. Physical Review C, 2016, 94, . | 2.9 | 14 |
| 16 | Possible $\Lambda(1535)$ bound state and its s -channel formation in the $\Lambda^3 d \rightarrow \Lambda^+ d$ reaction. Physical Review C, 2018, 97, . | 2.9 | 2 |
| 17 | $K^+ \bar{D}^+ N$ molecular state as a $uudsc\bar{c}$ pentaquark in a three-body calculation. Physical Review C, 2019, 100, . | 2.9 | 2 |
| 18 | Feasibility study of the $K^+ d \rightarrow K^0 p p$ reaction for the Λ^+ pentaquark. Progress of Theoretical and Experimental Physics, 2020, 2020, . | 6.6 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Two-body wave functions and compositeness from scattering amplitudes. II. Application to the physical $N\bar{N}$ and $\Lambda\bar{\Lambda}$ resonances. Physical Review C, 2021, 104, . | 2.9 | 2 |
| 20 | Exotics from Heavy Ion Collisions. , 2011, , . | | 1 |
| 21 | The Peak Structure in the In-Flight $^3\text{He}(K^+p)n$ Reaction Around the $(\bar{K}NN)$ Threshold. , 2017, , . | | 1 |
| 22 | Probing internal structure of $\Lambda(1405)$ in meson-baryon dynamics with chiral symmetry. , 2011, , . | | 0 |
| 23 | Quantum Fluctuations of Particles and Fields in Smooth Path Integrals. , 2014, , . | | 0 |
| 24 | Compositeness of the $\Lambda(1232)$ Resonance in $\bar{K}N$ Scattering. , 2016, , . | | 0 |
| 25 | Dynamically Generated $\Lambda(1690)$. , 2017, , . | | 0 |