

Takayasu Sekihara

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

722
citations

623734

14
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

506
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-body wave functions and compositeness from scattering amplitudes. II. Application to the physical $\Lambda(1520)$ resonance. Physical Review C, 2021, 104, .	2.9	2
2	Feasibility study of the $K+d \rightarrow \Lambda^+ K^0 p$ reaction for the Λ^+ pentaquark. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	2
3	$\Lambda(1520)$ molecular state as a $\Lambda u d s c \bar{c}$ pentaquark in a three-body calculation. Physical Review C, 2019, 100, .	2.9	2
4	Possible $\Lambda(1520)$ bound state and its s-channel formation in the $\Lambda^+ d \rightarrow \Lambda^+ p$ reaction. Physical Review C, 2018, 97, .	2.9	2
5	$\Lambda(1520)$ interaction: Meson exchanges, inelastic channels, and quasibound state. Physical Review C, 2018, 98, .	2.9	23
6	Exotic hadrons from heavy ion collisions. Progress in Particle and Nuclear Physics, 2017, 95, 279-322.	14.4	104
7	Two-body wave functions and compositeness from scattering amplitudes: General properties with schematic models. Physical Review C, 2017, 95, .	2.9	21
8	The Peak Structure in the In-Flight $^3\text{He}(K^+, \Lambda^+)n$ Reaction Around the $(\Lambda^+ NN)$ Threshold. , 2017, , .		1
9	Dynamically Generated $\Lambda(1690)$. , 2017, , .		0
10	On the structure observed in the in-flight $^3\text{He}(K^+, \Lambda^+)n$ reaction at J-PARC. Progress of Theoretical and Experimental Physics, 2016, 2016, 123D03.	6.6	37
11	Compositeness of baryonic resonances. Application to the $\Lambda(1520)$ resonance. Physical Review C, 2016, 93, .	2.9	23
12	Constituent-counting rule in photoproduction of hyperon resonances. Physical Review D, 2016, 93, .	4.7	15
13	Theoretical study of photoproduction of an $\Lambda(1520)$ state on a deuteron target with forward proton emission. Physical Review C, 2016, 94, .	2.9	4
14	Weak decays of heavy hadrons into dynamically generated resonances. International Journal of Modern Physics E, 2016, 25, 1630001.	1.0	100
15	Compositeness of the $\Lambda(1232)$ Resonance in ΛN Scattering. , 2016, , .		0
16	Testing the molecular nature of $\Lambda(1520)$ resonance. Physical Review D, 2015, 92, .	4.7	26
17	Investigating the nature of light scalar mesons with semileptonic decays of $\Lambda(1520)$ mesons. Physical Review D, 2015, 92, .	4.7	35
18	Quantum Fluctuations of Particles and Fields in Smooth Path Integrals. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	The $K^* \rightarrow \pi^+ \pi^-$ reaction revisited. European Physical Journal A, 2013, 49, 1.	2.5	28
20	Size measurement of dynamically generated hadronic resonances with finite boxes. Physical Review C, 2013, 87, .	2.9	25
21	Exotics from Heavy Ion Collisions. , 2011, , .		1
22	Internal structure of the resonant $\mathbb{B}^*(1405)$ state in chiral dynamics. Physical Review C, 2011, 83, .	2.9	46
23	Identifying Multiquark Hadrons from Heavy Ion Collisions. Physical Review Letters, 2011, 106, 212001.	7.8	115
24	Exotic hadrons in heavy ion collisions. Physical Review C, 2011, 84, .	2.9	110
25	Probing internal structure of $\mathbb{B}^*(1405)$ in meson-baryon dynamics with chiral symmetry. , 2011, , .		0