

2021年理学院学术论文统计表

序号	论文题目	第一作者 (第一通讯作者)	期刊刊名	发表时间	成果内容
1	Novel delay-partitioning approaches to stability analysis for uncertain Lur'e systems with time-varying delays	郭良栋	Journal of the Franklin Institute	2021	中科院3区
2	Robust fast adaptive fault estimation for T-S fuzzy Markovian jumping systems with mode-dependent time-varying states delays	孙超	Mathematical Problems in Engineering	2021	中科院4区
3	Robust actuator and sensor fault estimation for fuzzy delay singularly perturbed systems via proportional multiple-integral observer	孙超	International Journal of Innovative Computing, Information and Control	2021	EI (JA)
4	Robust fault estimation for a class of T-S fuzzy singularly perturbed systems with state time delays	孙超	Proceedings of the 40th Chinese Control Conference	2021	EI (CA)
5	Finite-time adaptive event-triggered fault-tolerant control of nonlinear systems based on fuzzy observer	于庆坤	Information Sciences	2021	中科院1区
6	Fabrication and properties of a solar-blind ultraviolet photodetector based on Si-doped beta-Ga ₂ O ₃ film grown on p-Si(111) substrate by MOCVD	胡大强	OPTIK	2021	中科院3区
7	Efficient Light Trapping from Nanorod-Like Single-Textured Al-Doped ZnO Transparent Conducting Films	胡大强	Coatings	2021	中科院3区
8	Newfangled crater-nanorod/honeycomb-like double-textured ZnO:Al films with enhanced light trapping.	王颖	Optik	2021	中科院3区
9	Investigation of active species in low-pressure capacitively coupled N ₂ /Ar plasmas	梁英爽	Physics of Plasmas	2021	中科院3区
10	High Pressure Studies of Trimethylsilane Azide by Raman Scattering and Synchrotron X-ray Diffraction	江俊儒	Journal of Physical Chemistry B	2021	中科院3区
11	Neural network adaptive tracking control of uncertain MIMO nonlinear systems with output constraints and event-triggered inputs	武力兵	IEEE Transactions on Neural Networks and Learning Systems	2021	中科院1区

12	Adaptive asymptotic tracking fault-tolerant control of uncertain nonlinear systems with actuator failures and event-triggered inputs	武力兵	International Journal of Control Automation and Systems	2021	中科院3区
13	Fuzzy adaptive event-triggered control for a class of uncertain nonaffine nonlinear systems with full state constraints	武力兵	IEEE Transactions on Fuzzy Systems	2021	中科院1区
14	Dynamic analysis of a SIQR epidemic model considering the interaction of environmental differences	武力兵	Journal of Applied Mathematics and Computing	2021	中科院4区
15	Adaptive fuzzy tracking control for a class of uncertain switched nonlinear systems with full-state constraints and input saturations	武力兵	IEEE Transactions on Cybernetic	2021	中科院1区
16	A new estimation for INAR(1) process with Poisson distribution	卢飞龙	Computational Statistics	2021	中科院4区
17	Output to state description based convergent fault tolerant control for linear systems with actuator faults	黄胜绢	International Journal of Control	2021	中科院3区
18	The electronic and magnetic properties of diamond with substitutional germanium modulated by vacancies and charge states	邱东超	Chemical Physics Letters	2021	中科院4区
19	Non-Markovian Speedup Dynamics in Markovian and Non-Markovian Channels	聂晶 (杨秀一)	International Journal of Theoretical Physics	2021	中科院4区
20	Structure and performance of Pr, Sm, Y co-doped cerium-based electrolyte for intermediate temperature solid oxide fuel cells	王彪	Material Letters	2021	中科院3区
21	Measurement of branching fractions of J/ψ and $\psi(3686)$ decays to $\Sigma^+(+)$ and $\Sigma^-(\bar{-})$	朱世海 (BESIII 合作组文章)	JOURNAL OF HIGH ENERGY PHYSICS	2021-11-29	中科院2区
22	Observation of the decay $D^0 \rightarrow \rho^- \mu^+ \nu(\mu)$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-11-29	中科院2区
23	Observation of $\psi(3686) \rightarrow \bar{\chi}(1530)(0)$ and $\chi(1530)(0) \chi(\bar{0})$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-11-29	中科院2区
24	Measurement of the cross section for $e^+e^- \rightarrow \Lambda(\bar{\Lambda})$ and evidence of the decay $\psi(3770) \rightarrow \Lambda(\bar{\Lambda})$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-11-29	中科院2区
25	Cross section measurement of $e^+e^- \rightarrow (K_S^0)K^0$ at root $s=2.00-3.08$ GeV	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-11-29	中科院2区
26	Observation of the decays $\chi(cJ) \rightarrow nK(S)(0) (\bar{\Lambda}) + c.c.$	朱世海 (BESIII 合作组文章)	JOURNAL OF HIGH ENERGY PHYSICS	2021-11-29	中科院2区

27	Cross section measurement of $e^+e^- \rightarrow p\bar{p}\eta$ and $e^+e^- \rightarrow p\bar{p}\omega$ at center-of-mass energies between 3.773 GeV and 4.6 GeV	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-11-22	中科院2区
28	Measurement of the absolute branching fractions of $J/\psi \rightarrow \gamma\eta$ and η decay modes	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-11-18	中科院2区
29	Measurement of the branching fraction for $\psi(3686) \rightarrow \omega(KSKS0Y)-K0$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-11-11	中科院2区
30	Measurement of $e^+e^- \rightarrow \gamma\chi(c0,c1,c2)$ cross sections at center-of-mass energies between 3.77 and 4.60 GeV	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-11-01	中科院2区
31	Observation of $e^+e^- \rightarrow \eta\psi(2S)$ at center-of-mass energies from 4.236 to 4.600 GeV	朱世海 (BESIII 合作组文章)	JOURNAL OF HIGH ENERGY PHYSICS	2021-10-21	中科院2区
32	Measurement of the Absolute Branching Fraction of $D_s^+ \rightarrow \tau^+\nu(\tau)$ via $\tau^+ \rightarrow e^+\nu(e)\bar{\nu}(\tau)$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW LETTERS	2021-10-19	中科院1区
33	Search for the hyperon semileptonic decay $\Xi(-) \rightarrow \Xi(0)e^-(\nu)\bar{\nu}(e)$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-10-14	中科院2区
34	Measurement of the doubly Cabibbo-suppressed decay $D^+ \rightarrow K^+\pi^+\pi^-\pi(0)$ with semileptonic tags	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-10-12	中科院2区
35	Cross section measurement of $e^+e^- \rightarrow \pi^+\pi^-\psi(3686)$ from $\sqrt{s}=4.0076$ GeV to 4.6984 GeV	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-09-28	中科院2区
36	Observation of $D^0 \rightarrow K^- (1270)^- e^+\nu(e)$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW LETTERS	2021-09-24	中科院1区
37	Measurement of the absolute branching fractions for purely leptonic D_s^+ decays	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-09-21	中科院2区
38	First Measurement of the Absolute Branching Fraction of $\Lambda \rightarrow p\mu^-(\nu)\bar{\nu}(\mu)$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW LETTERS	2021-09-17	中科院1区
39	Observation of a near-threshold enhancement in the $\Lambda(\Lambda)\bar{\nu}$ mass spectrum from $e^+e^- \rightarrow \phi\Lambda(\Lambda)\bar{\nu}$ at \sqrt{s} is from 3.51 to 4.60 GeV	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-09-15	中科院2区
40	Determination of the absolute branching fractions of $D^0 \rightarrow K^-(e^+)\nu(e)$ and $D^+ \rightarrow (K)\bar{\nu}(0)e^+\nu(e)$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-09-15	中科院2区
41	Measurement of the inclusive branching fraction for $\psi(3686) \rightarrow K-S(0) + \text{anything}$	朱世海 (BESIII 合作组文章)	PHYSICS LETTERS B	2021-09-10	中科院2区
42	Measurement of cross section for $e^+e^- \rightarrow \Xi(0)(\Xi)\bar{\nu}(0)$ near threshold	朱世海 (BESIII 合作组文章)	PHYSICS LETTERS B	2021-09-10	中科院2区

43	Measurements of Born cross sections of $e^{+}e^{-} \rightarrow D\text{-}s^{*} + D\text{-}sJ^{(-)} + c.c.$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-08-27	中科院2区
44	Amplitude analysis and branching fraction measurement of $D\text{-}s^{(+)} \rightarrow K\text{-} K^{+} \pi^{(+)} \pi^{(0)}$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-08-27	中科院2区
45	Study of the process $e^{+}e^{-} \rightarrow \phi \eta$ at center-of-mass energies between 2.00 and 3.08 GeV	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-08-20	中科院2区
46	Direct Measurement of the Branching Fractions $B(\psi(3686) \rightarrow J/\psi X)$ and $B(\psi(3770) \rightarrow J/\psi X)$, and Observation of the State $R(3760)$ in $e^{+}e^{-} \rightarrow J/\psi X$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW LETTERS	2021-08-19	中科院1区
47	Measurement of the branching fraction of leptonic decay $D\text{-}s^{(+)} \rightarrow \tau^{(+)} \nu(\tau)$ via $\tau^{(+)} \rightarrow \pi^{(+)} \pi^{(0)} \bar{\nu}(\tau)$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-08-13	中科院2区
48	Amplitude analysis and branching fraction measurement of $D\text{-}s^{(+)} \rightarrow K^{+} K^{-} \pi^{+}$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-07-30	中科院2区
49	Study of the decay $D^{+} \rightarrow K^{*}(892)^{+} K\text{-}S(0)$ in $D^{+} \rightarrow (K^{+} K S 0) \pi^{(0)}$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-07-16	中科院2区
50	Measurement of the absolute branching fraction of inclusive semielectronic $D\text{-}s^{(+)}$ decays	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-07-09	中科院2区
51	Study of $e^{+}e^{-} \rightarrow \pi X\text{-}0(3872)\gamma$ and search for $Z(c)(4020)(0) \rightarrow X(3872)\gamma$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-07-06	中科院2区
52	Amplitude analysis and branching-fraction measurement of $D\text{-}s^{(+)} \rightarrow K\text{-}S(0) \pi^{(+)} \pi^{(0)}$	朱世海 (BESIII 合作组文章)	JOURNAL OF HIGH ENERGY PHYSICS	2021-06-30	中科院2区
53	Search for the rare semi-leptonic decay $J/\psi \rightarrow D^{(-)} e^{(+)} \nu(e) + c.c.$	朱世海 (BESIII 合作组文章)	JOURNAL OF HIGH ENERGY PHYSICS	2021-06-25	中科院2区
54	Search for the charged lepton flavor violating decay $J/\psi \rightarrow e \tau$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-06-23	中科院2区
55	Measurement of proton electromagnetic form factors in the time-like region using initial state radiation at BESIII	朱世海 (BESIII 合作组文章)	PHYSICS LETTERS B	2021-06-10	中科院2区
56	Measurement of the absolute branching fraction of $\Lambda^{+}(c) \rightarrow p K(S) 0 \eta$ decays	朱世海 (BESIII 合作组文章)	PHYSICS LETTERS B	2021-06-10	中科院2区
57	Measurements of the branching fractions of $\psi(3686) \rightarrow (\Sigma)^{\overline{0}} \Lambda^{+} + c.c.$ and $\chi_{cJ}(J=0,1,2) \rightarrow \Lambda^{+} \Lambda^{\overline{0}}$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-06-09	中科院2区
58	Amplitude analysis and branching-fraction measurement of $D\text{-}s^{(+)} \rightarrow (K S K^{-})\text{-}K\text{-}0 \pi^{(+)} \pi^{+}$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-05-24	中科院2区

59	Measurement of the $D \rightarrow K\pi^+\pi^+\pi^-$ and $D \rightarrow K\pi^+\pi^0$ coherence factors and average strong-phase differences in quantum-correlated $D(\bar{D})$ decays	朱世海 (BESIII 合作组文章)	JOURNAL OF HIGH ENERGY PHYSICS	2021-05-19	中科院2区
60	Measurement of the branching fraction of and search for a CP-violating asymmetry in $\eta' \rightarrow \pi^+\pi^-\pi^0$ at BESIII	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-05-19	中科院2区
61	Search for the decay $D_s^+ \rightarrow a_0(980)\pi^+\pi^0$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-05-19	中科院2区
62	Search for new decay modes of the $\psi(3723)$ and the process $e^+e^- \rightarrow \pi^0\pi^0\psi(3723)$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-05-19	中科院2区
63	Determination of the Λ_c^+ spin via the reaction $e^+e^- \rightarrow \Lambda_c^+\bar{\Lambda}_c^+$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-05-19	中科院2区
64	Measurement of the Born cross sections for $e^+e^- \rightarrow \eta'\pi^+\pi^-$ at center-of-mass energies between 2.00 and 3.08 GeV	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-04-27	中科院2区
65	Observation of $\eta' \rightarrow \pi^+\pi^-\mu^+\mu^-$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-04-20	中科院2区
66	Search for the lepton number violating decay $\Sigma^- \rightarrow p e^- e^-$ and the rare inclusive decay $\Sigma^- \rightarrow \Sigma^+ X$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-03-24	中科院2区
67	Search for the reaction $e^+e^- \rightarrow \chi(c)\pi^+\pi^-$ and a charmoniumlike structure decaying to $\chi(c)\pi^+\pi^-$ between 4.18 and 4.60 GeV	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-03-22	中科院2区
68	Study of $e^+e^- \rightarrow 2(p\bar{p})$ at center-of-mass energies between 4.0 and 4.6 GeV	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-03-12	中科院2区
69	Observation of a Near-Threshold Structure in the K^+ Recoil-Mass Spectra in $e^+e^- \rightarrow K^+(D_s^-(D_s^{*0}) + D_s^{*-} - D_0)$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW LETTERS	2021-03-11	中科院1区
70	Measurements of Σ^+ and Σ^- time-like electromagnetic form factors for center-of-mass energies from 2.3864 to 3.0200 GeV	朱世海 (BESIII 合作组文章)	PHYSICS LETTERS B	2021-03-10	中科院2区
71	Model-Independent Determination of the Spin of the Ω^- and Its Polarization Alignment in $\psi(3686) \rightarrow \Omega^-\bar{\Omega}^+$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW LETTERS	2021-03-05	中科院1区

72	Measurements of $e^{+}e^{-} \rightarrow \eta(c)\pi^{+}\pi^{-}\pi(0)$, $\eta(c)\pi^{+}\pi^{-}$, and $\eta(c)\pi(0)\gamma$ at \sqrt{s} from 4.18 to 4.60 GeV, and search for a $Z(c)$ state close to the $D(D)\bar{c}$ threshold decaying to $\eta(c)\pi$ at $\sqrt{s}=4.23$ GeV	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-02-25	中科院2区
73	Search for the reaction channel $e^{+}e^{-} \rightarrow \eta(c)\eta\pi^{+}\pi^{-}$ at center-of-mass energies from 4.23 to 4.60 GeV	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-02-16	中科院2区
74	Observation of a resonant structure in $e^{+}e^{-} \rightarrow \omega\eta$ and another in $e^{+}e^{-} \rightarrow \omega\pi(0)$ at center-of-mass energies between 2.00 and 3.08 GeV	朱世海 (BESIII 合作组文章)	PHYSICS LETTERS B	2021-02-10	中科院2区
75	Study of BESIII trigger efficiencies with the 2018 J/ψ data	朱世海 (BESIII 合作组文章)	CHINESE PHYSICS C	2021-02-01	中科院2区
76	Search for the $X(2370)$ and observation of $\eta(c) \rightarrow \eta\eta\eta'$ in $J/\psi \rightarrow \gamma\eta\eta\eta'$	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-01-29	中科院2区
77	Measurement of the $e^{+}e^{-} \rightarrow \pi^{+}\pi^{-}$ cross section between 600 and 900 MeV using initial state radiation	朱世海 (BESIII 合作组文章)	PHYSICS LETTERS B	2021-01-10	中科院2区
78	Measurement of cross section for $e^{+}e^{-} \rightarrow \chi(-)(\chi)\bar{c}$ near threshold at BESIII	朱世海 (BESIII 合作组文章)	PHYSICAL REVIEW D	2021-01-08	中科院2区
79	An improved atom search optimization with dynamic opposite learning and heterogeneous comprehensive learning	刘昊	Applied Soft Computing	2021-05-01	中科院1区
80	RATIONAL HOMOTOPY PERTURBATION METHOD FOR SOLVING LINEAR QUADRATIC PROBLEMS AND COMPARISON WITH HOMOTOPY PERTURBATION METHOD	李海荣 (何希勤)	International Journal of Innovative Computing, Information and Control	2021	EI (JA)
81	维度学习探路者算法	刘昊	辽宁科技大学学报	2021-09-01	
82	基于积分不等式的多时滞电力系统稳定性分析	郭良栋	辽宁科技大学学报	2021-12-01	
83	金属二硼化物表面性质的密度泛函计算	王健	辽宁科技大学学报	2021-04-01	