

Seokcheon Lee

List of Publications by Year in descending order

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papers

457
citations

840119

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713013

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35
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect on Cosmic Microwave Background Polarization of Coupling of Quintessence to Pseudoscalar Formed from the Electromagnetic Field and its Dual. <i>Physical Review Letters</i> , 2006, 97, 161303.	2.9	94
2	Constraints on the coupled quintessence from cosmic microwave background anisotropy and matter power spectrum. <i>Physical Review D</i> , 2006, 73, .	1.6	61
3	Quintessence models and the cosmological evolution of $f\sigma_8$. <i>Physical Review D</i> , 2004, 70, .	1.6	58
4	Constraints on the dark energy equation of state from the separation of CMB peaks and the evolution of $f\sigma_8$. <i>Physical Review D</i> , 2005, 71, .	1.6	31
5	Growth index with the exact analytic solution of sub-horizon scale linear perturbation for dark energy models with constant equation of state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 688, 1-3.	1.5	24
6	Spherical collapse model with non-clustering dark energy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 028-028.	1.9	24
7	Stable, time-dependent, exact solutions for brane models with a bulk scalar field. <i>Physical Review D</i> , 2003, 67, .	1.6	16
8	Can strong gravitational lensing constrain dark energy?. <i>Physical Review D</i> , 2007, 76, .	1.6	14
9	Constraints on scalar-tensor theories of gravity from observations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 021-021.	1.9	14
10	Imprint of scalar dark energy on cosmic microwave background polarization. <i>Physical Review D</i> , 2014, 89, .	1.6	14
11	Properties of the exact analytic solution of the growth factor and its applications. <i>Physical Review D</i> , 2010, 82, .	1.6	11
12	Exact amplitudes of six polarization modes for gravitational waves. <i>Physical Review D</i> , 2019, 99, .	1.6	11
13	TIME VARIATION OF FINE STRUCTURE CONSTANT AND PROTON-ELECTRON MASS RATIO WITH QUINTESSENCE. <i>Modern Physics Letters A</i> , 2007, 22, 2003-2011.	0.5	10
14	PALATINI $f(R)$ COSMOLOGY. <i>Modern Physics Letters A</i> , 2008, 23, 1388-1396.	0.5	10
15	Exact third-order density perturbation and one-loop power spectrum in general dark energy models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 736, 403-410.	1.5	8
16	Gravitational waves as a probe of the extra dimension. <i>Physical Review D</i> , 2019, 100, .	1.6	7
17	Effects on the two-point correlation function from the coupling of quintessence to dark matter. <i>Physical Review D</i> , 2010, 81, .	1.6	6
18	Cosmic birefringence fluctuations and cosmic microwave background B-mode polarization. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 746, 406-409.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Constraint on reconstructed $f(R)$ gravity models from gravitational waves. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	6
20	Spherical collapse model with and without curvature. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 685, 110-114.	1.5	5
21	Origin of Cosmic Acceleration with Large Scale Structure. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	4
22	Measuring the matter energy density and Hubble parameter from large scale structure. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 021-021.	1.9	4
23	Lagrangian perturbation theory: Third-order solution for general dark energy models. <i>Physical Review D</i> , 2014, 89, .	1.6	4
24	The viable $f(R)$ gravity models via reconstruction from the observations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 029-029.	1.9	4
25	Lagrangian perturbation theory: exact one-loop power spectrum in general dark energy models. <i>European Physical Journal C</i> , 2014, 74, 1.	1.4	3
26	THE INFLUENCE OF DARK ENERGY ON THE LARGE SCALE STRUCTURE FORMATION. <i>Modern Physics Letters A</i> , 2010, 25, 874-884.	0.5	2
27	Optimal strategies: theoretical approaches to the parametrization of the dark energy equation of state. <i>Astrophysics and Space Science</i> , 2014, 350, 785-790.	0.5	2
28	LEE-WICK FIELD AS A DARK ENERGY CANDIDATE. <i>International Journal of Modern Physics Conference Series</i> , 2011, 01, 252-256.	0.7	1
29	CLUSTER PHYSICS WITH DARK ENERGY. <i>International Journal of Modern Physics D</i> , 2011, 20, 1327-1337.	0.9	1
30	Reconstruction of real-space linear matter power spectrum from multipoles of BOSS DR12 results. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 039-039.	1.9	1
31	Coupled Quintessence and CMB. , 2006, , .		1
32	CMB Polarization and Dark Energy Induced Cosmological Birefringence. <i>Journal of Physics: Conference Series</i> , 2011, 283, 012020.	0.3	0
33	Breaking CMB degeneracy in dark energy through LSS. <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	0
34	Conformal (In)Equality. <i>EPJ Web of Conferences</i> , 2018, 168, 08001.	0.1	0
35	Conformal Frame Dependence on Cosmological Observations in Scalar-Tensor Theories of Gravity. <i>Journal of the Korean Physical Society</i> , 2019, 74, 1101-1111.	0.3	0