

# Seokcheon Lee

## List of Publications by Year in descending order

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35  
papers

457  
citations

840119

11  
h-index

713013

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g-index

35  
all docs

35  
docs citations

35  
times ranked

451  
citing authors

#	ARTICLE	IF	CITATIONS
1	The viable $f(R)$ gravity models via reconstruction from the observations. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 029-029.	1.9	4
2	Conformal Frame Dependence on Cosmological Observations in Scalar-Tensor Theories of Gravity. Journal of the Korean Physical Society, 2019, 74, 1101-1111.	0.3	0
3	Gravitational waves as a probe of the extra dimension. Physical Review D, 2019, 100, .	1.6	7
4	Exact amplitudes of six polarization modes for gravitational waves. Physical Review D, 2019, 99, .	1.6	11
5	Reconstruction of real-space linear matter power spectrum from multipoles of BOSS DR12 results. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 039-039.	1.9	1
6	Conformal (In)Equality. EPJ Web of Conferences, 2018, 168, 08001.	0.1	0
7	Constraint on reconstructed $f(R)$ gravity models from gravitational waves. European Physical Journal C, 2018, 78, 1.	1.4	6
8	Breaking CMB degeneracy in dark energy through LSS. European Physical Journal C, 2016, 76, 1.	1.4	0
9	Cosmic birefringence fluctuations and cosmic microwave background B-mode polarization. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 406-409.	1.5	6
10	Lagrangian perturbation theory: exact one-loop power spectrum in general dark energy models. European Physical Journal C, 2014, 74, 1.	1.4	3
11	Measuring the matter energy density and Hubble parameter from large scale structure. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 021-021.	1.9	4
12	Lagrangian perturbation theory: Third-order solution for general dark energy models. Physical Review D, 2014, 89, .	1.6	4
13	Imprint of scalar dark energy on cosmic microwave background polarization. Physical Review D, 2014, 89, .	1.6	14
14	Optimal strategies: theoretical approaches to the parametrization of the dark energy equation of state. Astrophysics and Space Science, 2014, 350, 785-790.	0.5	2
15	Exact third-order density perturbation and one-loop power spectrum in general dark energy models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 403-410.	1.5	8
16	LEE-WICK FIELD AS A DARK ENERGY CANDIDATE. International Journal of Modern Physics Conference Series, 2011, 01, 252-256.	0.7	1
17	CMB Polarization and Dark Energy Induced Cosmological Birefringence. Journal of Physics: Conference Series, 2011, 283, 012020.	0.3	0
18	CLUSTER PHYSICS WITH DARK ENERGY. International Journal of Modern Physics D, 2011, 20, 1327-1337.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Constraints on scalar-tensor theories of gravity from observations. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 021-021.	1.9	14
20	Spherical collapse model with and without curvature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 685, 110-114.	1.5	5
21	Growth index with the exact analytic solution of sub-horizon scale linear perturbation for dark energy models with constant equation of state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 1-3.	1.5	24
22	THE INFLUENCE OF DARK ENERGY ON THE LARGE SCALE STRUCTURE FORMATION. Modern Physics Letters A, 2010, 25, 874-884.	0.5	2
23	Spherical collapse model with non-clustering dark energy. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 028-028.	1.9	24
24	Effects on the two-point correlation function from the coupling of quintessence to dark matter. Physical Review D, 2010, 81, .	1.6	6
25	Properties of the exact analytic solution of the growth factor and its applications. Physical Review D, 2010, 82, .	1.6	11
26	PALATINI $f(R)$ COSMOLOGY. Modern Physics Letters A, 2008, 23, 1388-1396.	0.5	10
27	Origin of Cosmic Acceleration with Large Scale Structure. AIP Conference Proceedings, 2008, , .	0.3	4
28	TIME VARIATION OF FINE STRUCTURE CONSTANT AND PROTON-ELECTRON MASS RATIO WITH QUINTESSENCE. Modern Physics Letters A, 2007, 22, 2003-2011.	0.5	10
29	Can strong gravitational lensing constrain dark energy?. Physical Review D, 2007, 76, .	1.6	14
30	Constraints on the coupled quintessence from cosmic microwave background anisotropy and matter power spectrum. Physical Review D, 2006, 73, .	1.6	61
31	Effect on Cosmic Microwave Background Polarization of Coupling of Quintessence to Pseudoscalar Formed from the Electromagnetic Field and its Dual. Physical Review Letters, 2006, 97, 161303.	2.9	94
32	Coupled Quintessence and CMB. , 2006, , .		1
33	Constraints on the dark energy equation of state from the separation of CMB peaks and the evolution of $\Omega_{DE}$ . Physical Review D, 2005, 71, .	1.6	31
34	Quintessence models and the cosmological evolution of $\Omega_{DE}$ . Physical Review D, 2004, 70, .	1.6	58
35	Stable, time-dependent, exact solutions for brane models with a bulk scalar field. Physical Review D, 2003, 67, .	1.6	16