

Sang Eun Lee

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

5,042
citations

201674

27
h-index

206112

48
g-index

51
all docs

51
docs citations

51
times ranked

6687
citing authors

#	ARTICLE	IF	CITATIONS
1	Sgs1 Helicase and Two Nucleases Dna2 and Exo1 Resect DNA Double-Strand Break Ends. <i>Cell</i> , 2008, 134, 981-994.	28.9	915
2	MMEJ repair of double-strand breaks (directorâ€™s cut): deleted sequences and alternative endings. <i>Trends in Genetics</i> , 2008, 24, 529-538.	6.7	841
3	<i>Saccharomyces Ku70, Mre11/Rad50, and RPA Proteins Regulate Adaptation to G2/M Arrest after DNA Damage.</i> <i>Cell</i> , 1998, 94, 399-409.	28.9	729
4	Yeast Mre11 and Rad1 Proteins Define a Ku-Independent Mechanism To Repair Double-Strand Breaks Lacking Overlapping End Sequences. <i>Molecular and Cellular Biology</i> , 2003, 23, 8820-8828.	2.3	327
5	Microhomology-mediated end joining: Good, bad and ugly. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2018, 809, 81-87.	1.0	175
6	A multicentre cohort study of acute heart failure syndromes in Korea: rationale, design, and interim observations of the Korean Acute Heart Failure (<scp>KorAHF</scp>) registry. <i>European Journal of Heart Failure</i> , 2014, 16, 700-708.	7.1	145
7	<i>Saccharomyces cerevisiae Sae2- and Tel1-Dependent Single-Strand DNA Formation at DNA Break Promotes Microhomology-Mediated End Joining.</i> <i>Genetics</i> , 2007, 176, 2003-2014.	2.9	136
8	Clinical Characteristics and Outcome of Acute Heart Failure in Korea: Results from the Korean Acute Heart Failure Registry (KorAHF). <i>Korean Circulation Journal</i> , 2017, 47, 341.	1.9	131
9	CD82/KAI1 Maintains the Dormancy of Long-Term Hematopoietic Stem Cells through Interaction with DARC-Expressing Macrophages. <i>Cell Stem Cell</i> , 2016, 18, 508-521.	11.1	130
10	Psat1-Dependent Fluctuations in Î±-Ketoglutarate Affect the Timing of ESC Differentiation. <i>Cell Metabolism</i> , 2016, 24, 494-501.	16.2	125
11	Prognostic Significance of The Nadir Prostate Specific Antigen Level After Hormone Therapy for Prostate Cancer. <i>Journal of Urology</i> , 2002, 168, 995-1000.	0.4	105
12	<scp>ATP</scp>-dependent <scp>DNA</scp> binding, unwinding, and resection by the Mre11/Rad50 complex. <i>EMBO Journal</i> , 2016, 35, 743-758.	7.8	99
13	Comparison Among Drug-Eluting Balloon, Drug-Eluting Stent, and Plain Balloon Angioplasty for the Treatment of In-Stent Restenosis. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 382-394.	2.9	97
14	Microhomology Directs Diverse DNA Break Repair Pathways and Chromosomal Translocations. <i>PLoS Genetics</i> , 2012, 8, e1003026.	3.5	94
15	Core Pluripotency Factors Directly Regulate Metabolism in Embryonic Stem Cell to Maintain Pluripotency. <i>Stem Cells</i> , 2015, 33, 2699-2711.	3.2	89
16	M-CSF from Cancer Cells Induces Fatty Acid Synthase and PPARÎ²/Î³ Activation in Tumor Myeloid Cells, Leading to Tumor Progression. <i>Cell Reports</i> , 2015, 10, 1614-1625.	6.4	72
17	Chronic Kidney Disease in the Second-Generation Drug-Eluting Stent Era. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 2097-2109.	2.9	61
18	Korean Guidelines for Diagnosis and Management of Chronic Heart Failure. <i>Korean Circulation Journal</i> , 2017, 47, 555.	1.9	56

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19	Efficacy and Tolerability of Fimasartan, a New Angiotensin Receptor Blocker, Compared With Losartan (50/100 mg): A 12-Week, Phase III, Multicenter, Prospective, Randomized, Double-Blind, Parallel-Group, Dose Escalation Clinical Trial With an Optional 12-Week Extension Phase in Adult Korean Patients With Mild-to-Moderate Hypertension. <i>Clinical Therapeutics</i> , 2012, 34, 552-568.e9.	2.5	53
20	Risky business: Microhomology-mediated end joining. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2016, 788, 17-24.	1.0	50
21	Guidelines for DNA recombination and repair studies: Cellular assays of DNA repair pathways. <i>Microbial Cell</i> , 2019, 6, 1-64.	3.2	47
22	Regulation of repair choice: Cdk1 suppresses recruitment of end joining factors at DNA breaks. <i>DNA Repair</i> , 2009, 8, 1235-1241.	2.8	43
23	Prostatic Calculi Do Not Influence The Level of Serum Prostate Specific Antigen in Men Without Clinically Detectable Prostate Cancer or Prostatitis. <i>Journal of Urology</i> , 2003, 170, 745-748.	0.4	40
24	<sc>DNA</sc> end recognition by the Mre11 nuclease dimer: insights into resection and repair of damaged <sc>DNA</sc>. <i>EMBO Journal</i> , 2014, 33, 2422-2435.	7.8	40
25	Physiological and clinical relevance of anomalous right coronary artery originating from left sinus of Valsalva in adults. <i>Heart</i> , 2016, 102, 114-119.	2.9	38
26	Hand Assisted Laparoscopic Radical Nephrectomy: Comparison With Open Radical Nephrectomy. <i>Journal of Urology</i> , 2003, 170, 756-759.	0.4	34
27	Role of Saw1 in Rad1/Rad10 complex assembly at recombination intermediates in budding yeast. <i>EMBO Journal</i> , 2013, 32, 461-472.	7.8	34
28	Hyper-Acetylation of Histone H3K56 Limits Break-Induced Replication by Inhibiting Extensive Repair Synthesis. <i>PLoS Genetics</i> , 2015, 11, e1004990.	3.5	33
29	Microhomology-mediated end joining induces hypermutagenesis at breakpoint junctions. <i>PLoS Genetics</i> , 2017, 13, e1006714.	3.5	31
30	Apn2 resolves blocked 3' ends and suppresses Top1-induced mutagenesis at genomic rNMP sites. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 155-163.	8.2	28
31	Sumoylation of the Rad1 nuclease promotes DNA repair and regulates its DNA association. <i>Nucleic Acids Research</i> , 2014, 42, 6393-6404.	14.5	25
32	The efficacy and safety of mechanical hemodynamic support in patients undergoing high-risk percutaneous coronary intervention with or without cardiogenic shock: Bayesian approach network meta-analysis of 13 randomized controlled trials. <i>International Journal of Cardiology</i> , 2015, 184, 36-46.	1.7	25
33	Efficacy of Short-Term High-Dose Statin Pretreatment in Prevention of Contrast-Induced Acute Kidney Injury: Updated Study-Level Meta-Analysis of 13 Randomized Controlled Trials. <i>PLoS ONE</i> , 2014, 9, e111397.	2.5	24
34	Human Podoplanin-positive Monocytes and Platelets Enhance Lymphangiogenesis Through the Activation of the Podoplanin/CLEC-2 Axis. <i>Molecular Therapy</i> , 2014, 22, 1518-1529.	8.2	22
35	KAI1 (CD82) is a key molecule to control angiogenesis and switch angiogenic milieu to quiescent state. <i>Journal of Hematology and Oncology</i> , 2021, 14, 148.	17.0	18
36	A Versatile Scaffold Contributes to Damage Survival via Sumoylation and Nuclease Interactions. <i>Cell Reports</i> , 2014, 9, 143-152.	6.4	16

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37	DNA double-strand breaks as a method of radiation measurements for therapeutic beams. <i>Medical Physics</i> , 2018, 45, 3460-3465.	3.0	14
38	Distinct roles of XPF-ERCC1 and Rad1-Rad10-Saw1 in replication-coupled and uncoupled inter-strand crosslink repair. <i>Nature Communications</i> , 2018, 9, 2025.	12.8	13
39	Harmonizing Optimal Strategy for Treatment of coronary artery diseases – comparison of REDUction of prasugrEl dose or POLYmer TECHnology in ACS patients (HOST-REDUCE-POLYTECH-ACS RCT): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 409.	1.6	12
40	Faithful after break-up: suppression of chromosomal translocations. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3149-3160.	5.4	11
41	Discrimination of stress (Takotsubo) cardiomyopathy from acute coronary syndrome with clinical risk factors and coronary evaluation in real-world clinical practice. <i>International Journal of Cardiology</i> , 2017, 235, 154-161.	1.7	11
42	Microhomology Selection for Microhomology Mediated End Joining in <i>Saccharomyces cerevisiae</i> . <i>Genes</i> , 2019, 10, 284.	2.4	11
43	Prognostic Effect of Guideline-Directed Therapy Is More Noticeable Early in the Course of Heart Failure. <i>Journal of Korean Medical Science</i> , 2019, 34, e133.	2.5	11
44	Coordination of Rad1-Rad10 interactions with Msh2-Msh3, Saw1 and RPA is essential for functional 3' non-homologous tail removal. <i>Nucleic Acids Research</i> , 2018, 46, 5075-5096.	14.5	10
45	Development of a Rabbit Model for a Preclinical Comparison of Coronary Stent Types <i>In-Vivo</i> . <i>Korean Circulation Journal</i> , 2013, 43, 713.	1.9	6
46	Unraveling New Therapeutic Targets of Coronary Artery Disease by Genetic Approaches. <i>Circulation Journal</i> , 2014, 79, 8-14.	1.6	6
47	A case of renal transitional cell carcinoma associated with synchronous contralateral renal cell carcinoma. <i>Journal of Korean Medical Science</i> , 2001, 16, 108.	2.5	5
48	Prognostic Significance of Left Axis Deviation in Acute Heart Failure Patients with Left Bundle branch block: an Analysis from the Korean Acute Heart Failure (KorAHF) Registry. <i>Korean Circulation Journal</i> , 2018, 48, 1002.	1.9	4
49	Human Resistin in atherosclerosis progression.. <i>Nihon Heikatsukingakkaizassi</i> , 2011, 15, J5-J5.	0.0	0
50	Structure-specific Endonuclease XPF-ERCC1 Plays a Critical Role in DNA Interstrand Crosslink Repair that is Compromised in Patients with Fanconi Anemia. <i>FASEB Journal</i> , 2015, 29, 879.3.	0.5	0