

# Sunghoon Kim

## List of Publications by Year in descending order

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455  
papers

14,824  
citations

31976

53  
h-index

45317

90  
g-index

460  
all docs

460  
docs citations

460  
times ranked

24917  
citing authors

#	ARTICLE	IF	CITATIONS
1	PHD1 controls muscle mTORC1 in a hydroxylation-independent manner by stabilizing leucyl tRNA synthetase. <i>Nature Communications</i> , 2020, 11, 174.	12.8	1,868
2	MicroRNA Expression Profiles in Serous Ovarian Carcinoma. <i>Clinical Cancer Research</i> , 2008, 14, 2690-2695.	7.0	685
3	The BioMart community portal: an innovative alternative to large, centralized data repositories. <i>Nucleic Acids Research</i> , 2015, 43, W589-W598.	14.5	682
4	Leucyl-tRNA Synthetase Is an Intracellular Leucine Sensor for the mTORC1-Signaling Pathway. <i>Cell</i> , 2012, 149, 410-424.	28.9	672
5	Aminoacyl-tRNA synthetases and tumorigenesis: more than housekeeping. <i>Nature Reviews Cancer</i> , 2011, 11, 708-718.	28.4	241
6	Patient-Specific Orthotopic Glioblastoma Xenograft Models Recapitulate the Histopathology and Biology of Human Glioblastomas In Situ. <i>Cell Reports</i> , 2013, 3, 260-273.	6.4	186
7	Long non-coding RNA HOTAIR is associated with human cervical cancer progression. <i>International Journal of Oncology</i> , 2015, 46, 521-530.	3.3	186
8	Diagnosis and staging of primary ovarian cancer: Correlation between PET/CT, Doppler US, and CT or MRI. <i>Gynecologic Oncology</i> , 2010, 116, 389-394.	1.4	181
9	Mass spectrometry based metabolomic approaches in urinary biomarker study of women's cancers. <i>Clinica Chimica Acta</i> , 2009, 400, 63-69.	1.1	166
10	Aminoacyl-tRNA synthetases as therapeutic targets. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 629-650.	46.4	162
11	Transumbilical single-port access versus conventional total laparoscopic hysterectomy: surgical outcomes. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 203, 26.e1-26.e6.	1.3	159
12	Structural Switch of Lysyl-tRNA Synthetase between Translation and Transcription. <i>Molecular Cell</i> , 2013, 49, 30-42.	9.7	131
13	Tumor Suppressor miRNA-204-5p Regulates Growth, Metastasis, and Immune Microenvironment Remodeling in Breast Cancer. <i>Cancer Research</i> , 2019, 79, 1520-1534.	0.9	126
14	Prognostic implications of PD-L1 expression in patients with soft tissue sarcoma. <i>BMC Cancer</i> , 2016, 16, 434.	2.6	124
15	Hospitality workers's COVID-19 risk perception and depression: A contingent model based on transactional theory of stress model. <i>International Journal of Hospitality Management</i> , 2021, 95, 102935.	8.8	122
16	Secreted human glycyI-tRNA synthetase implicated in defense against ERK-activated tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E640-7.	7.1	120
17	Employee perceptions of HR practices: A critical review and future directions. <i>International Journal of Human Resource Management</i> , 2020, 31, 128-173.	5.3	110
18	Dual role of methionyl-tRNA synthetase in the regulation of translation and tumor suppressor activity of aminoacyl-tRNA synthetase-interacting multifunctional protein-3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19635-19640.	7.1	105

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19	Smart design to resolve spectral overlapping of phosphor-in-glass for high-powered remote-type white light-emitting devices. <i>Optics Letters</i> , 2014, 39, 762.	3.3	94
20	Perovskite-Induced Ultrasensitive and Highly Stable Humidity Sensor Systems Prepared by Aerosol Deposition at Room Temperature. <i>Advanced Functional Materials</i> , 2020, 30, 1907449.	14.9	86
21	Cancer-Associated Splicing Variant of Tumor Suppressor AIMP2/p38: Pathological Implication in Tumorigenesis. <i>PLoS Genetics</i> , 2011, 7, e1001351.	3.5	84
22	Trp-tRNA synthetase bridges DNA-PKcs to PARP-1 to link IFN- $\beta$ and p53 signaling. <i>Nature Chemical Biology</i> , 2012, 8, 547-554.	8.0	83
23	OPRoS: A New Component-Based Robot Software Platform. <i>ETRI Journal</i> , 2010, 32, 646-656.	2.0	82
24	Methionine deprivation suppresses triple-negative breast cancer metastasis <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 67223-67234.	1.8	81
25	Caspase-8 controls the secretion of inflammatory lysyl-tRNA synthetase in exosomes from cancer cells. <i>Journal of Cell Biology</i> , 2017, 216, 2201-2216.	5.2	81
26	Putting Strategic Human Resource Management in Context: A Contextualized Model of High Commitment Work Systems and Its Implications in China. <i>Management and Organization Review</i> , 2011, 7, 153-174.	2.1	80
27	Changes in ovarian cancer survival during the 20 years before the era of targeted therapy. <i>BMC Cancer</i> , 2018, 18, 601.	2.6	80
28	Promiscuous methionyl-tRNA synthetase mediates adaptive mistranslation against oxidative stresses. <i>Journal of Cell Science</i> , 2014, 127, 4234-45.	2.0	77
29	Integrative analysis of mutational and transcriptional profiles reveals driver mutations of metastatic breast cancers. <i>Cell Discovery</i> , 2016, 2, 16025.	6.7	77
30	Interaction of two translational components, lysyl-tRNA synthetase and p40/37LRP, in plasma membrane promotes laminin-dependent cell migration. <i>FASEB Journal</i> , 2012, 26, 4142-4159.	0.5	76
31	Infection-specific phosphorylation of glutamyl-prolyl tRNA synthetase induces antiviral immunity. <i>Nature Immunology</i> , 2016, 17, 1252-1262.	14.5	76
32	Secreted tryptophanyl-tRNA synthetase as a primary defence system against infection. <i>Nature Microbiology</i> , 2017, 2, 16191.	13.3	76
33	Rational drug repositioning guided by an integrated pharmacological network of protein, disease and drug. <i>BMC Systems Biology</i> , 2012, 6, 80.	3.0	75
34	Leucyl-tRNA Synthetase Activates Vps34 in Amino Acid-Sensing mTORC1 Signaling. <i>Cell Reports</i> , 2016, 16, 1510-1517.	6.4	73
35	Control of leucine-dependent mTORC1 pathway through chemical intervention of leucyl-tRNA synthetase and RagD interaction. <i>Nature Communications</i> , 2017, 8, 732.	12.8	71
36	4-1BB Delineates Distinct Activation Status of Exhausted Tumor-Infiltrating CD8+ T Cells in Hepatocellular Carcinoma. <i>Hepatology</i> , 2020, 71, 955-971.	7.3	70

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37	Human resource management and firm performance in China: A critical review. <i>Asia Pacific Journal of Human Resources</i> , 2010, 48, 58-85.	3.9	69
38	Staging laparoscopy for the management of early-stage ovarian cancer: a metaanalysis. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 209, 58.e1-58.e8.	1.3	69
39	Coproducing Value-Added Chemicals and Hydrogen with Electrocatalytic Glycerol Oxidation Technology: Experimental and Techno-Economic Investigations. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6626-6634.	6.7	68
40	Analysis of chromosomal changes in serous ovarian carcinoma using high-resolution array comparative genomic hybridization: Potential predictive markers of chemoresistant disease. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 1-9.	2.8	67
41	Structural basis for full-spectrum inhibition of translational functions on a tRNA synthetase. <i>Nature Communications</i> , 2015, 6, 6402.	12.8	67
42	MICA/B and ULBP1 NKG2D ligands are independent predictors of good prognosis in cervical cancer. <i>BMC Cancer</i> , 2014, 14, 957.	2.6	66
43	Use of acetylated softwood kraft lignin as filler in synthetic polymers. <i>Fibers and Polymers</i> , 2012, 13, 1310-1318.	2.1	65
44	Separation of extracellular nanovesicles and apoptotic bodies from cancer cell culture broth using tunable microfluidic systems. <i>Scientific Reports</i> , 2017, 7, 9907.	3.3	61
45	Coordination of the leucine-sensing Rag GTPase cycle by leucyl-tRNA synthetase in the mTORC1 signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5279-E5288.	7.1	60
46	A general strategy for generating intact, full-length IgG antibodies that penetrate into the cytosol of living cells. <i>MABs</i> , 2014, 6, 1402-1414.	5.2	59
47	Effects of Uterine Manipulation on Surgical Outcomes in Laparoscopic Management of Endometrial Cancer. <i>International Journal of Gynecological Cancer</i> , 2013, 23, 372-379.	2.5	58
48	External validation of chemotherapy response score system for histopathological assessment of tumor regression after neoadjuvant chemotherapy in tubo-ovarian high-grade serous carcinoma. <i>Journal of Gynecologic Oncology</i> , 2017, 28, e73.	2.2	58
49	Aminoacyl-tRNA synthetase-interacting multifunctional proteins (AIMPs): A triad for cellular homeostasis. <i>IUBMB Life</i> , 2010, 62, 296-302.	3.4	57
50	Robust moisture and thermally stable phosphor glass plate for highly unstable sulfide phosphors in high-power white light-emitting diodes. <i>Optics Letters</i> , 2013, 38, 3298.	3.3	57
51	Intraoperative cryoanalgesia for managing pain after the Nuss procedure. <i>Journal of Pediatric Surgery</i> , 2017, 52, 920-924.	1.6	57
52	The lysosomal potassium channel TMEM175 adopts a novel tetrameric architecture. <i>Nature</i> , 2017, 547, 472-475.	27.8	57
53	Techno-economic evaluation of the integrated polygeneration system of methanol, power and heat production from coke oven gas. <i>Energy Conversion and Management</i> , 2019, 182, 240-250.	9.2	57
54	CDA: Combinatorial Drug Discovery Using Transcriptional Response Modules. <i>PLoS ONE</i> , 2012, 7, e42573.	2.5	57

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55	Prognostic Impact of the Cancer Stem Cell-Related Marker NANOG in Ovarian Serous Carcinoma. <i>International Journal of Gynecological Cancer</i> , 2012, 22, 1489-1496.	2.5	56
56	Learning curve analysis of robot-assisted radical hysterectomy for cervical cancer: initial experience at a single institution. <i>Journal of Gynecologic Oncology</i> , 2013, 24, 303.	2.2	56
57	Glucose-dependent control of leucine metabolism by leucyl-tRNA synthetase 1. <i>Science</i> , 2020, 367, 205-210.	12.6	56
58	Expression of the p16INK4a and Ki-67 in relation to the grade of cervical intraepithelial neoplasia and high-risk human papillomavirus infection. <i>Journal of Gynecologic Oncology</i> , 2008, 19, 162.	2.2	55
59	Robotic single-port transumbilical total hysterectomy: a pilot study. <i>Journal of Gynecologic Oncology</i> , 2011, 22, 120.	2.2	55
60	Chemical inhibition of prometastatic lysyl-tRNA synthetase-laminin receptor interaction. <i>Nature Chemical Biology</i> , 2014, 10, 29-34.	8.0	55
61	Assembly of Multi-tRNA Synthetase Complex via Heterotetrameric Glutathione Transferase-homology Domains. <i>Journal of Biological Chemistry</i> , 2015, 290, 29313-29328.	3.4	55
62	Evolution of the multi-tRNA synthetase complex and its role in cancer. <i>Journal of Biological Chemistry</i> , 2019, 294, 5340-5351.	3.4	55
63	Sixty years of research on technology and human resource management: Looking back and looking forward. <i>Human Resource Management</i> , 2021, 60, 229-247.	5.8	54
64	Development of a Deceleration-Based Surrogate Safety Measure for Rear-End Collision Risk. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2015, 16, 2435-2445.	8.0	52
65	Aminoacyl-tRNA synthetases, therapeutic targets for infectious diseases. <i>Biochemical Pharmacology</i> , 2018, 154, 424-434.	4.4	52
66	A threonyl-tRNA synthetase-mediated translation initiation machinery. <i>Nature Communications</i> , 2019, 10, 1357.	12.8	52
67	Correlation of Human Leukocyte Antigen-G (HLA-G) Expression and Disease Progression in Epithelial Ovarian Cancer. <i>Reproductive Sciences</i> , 2009, 16, 1103-1111.	2.5	51
68	Splicing variant of AIMP2 as an effective target against chemoresistant ovarian cancer. <i>Journal of Molecular Cell Biology</i> , 2012, 4, 164-173.	3.3	51
69	Mismatch repair status influences response to fertility-sparing treatment of endometrial cancer. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 370.e1-370.e13.	1.3	51
70	Prognosis of Cervical Cancer in the Era of Concurrent Chemoradiation from National Database in Korea: A Comparison between Squamous Cell Carcinoma and Adenocarcinoma. <i>PLoS ONE</i> , 2015, 10, e0144887.	2.5	51
71	Structure of the ArgRS-GlnRS-AIMP1 complex and its implications for mammalian translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15084-15089.	7.1	50
72	Preparation and characterization of thermoplastic polyurethanes using partially acetylated kraft lignin. <i>Fibers and Polymers</i> , 2013, 14, 1082-1093.	2.1	49

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73	miR-543 and miR-590-3p regulate human mesenchymal stem cell aging via direct targeting of AIMP3/p18. <i>Age</i> , 2014, 36, 9724.	3.0	48
74	MicroRNA profiling of a CD133+spheroid-forming subpopulation of the OVCAR3 human ovarian cancer cell line. <i>BMC Medical Genomics</i> , 2012, 5, 18.	1.5	46
75	Genomic alterations in <i>BCL2L1</i> and <i>DLC1</i> contribute to drug sensitivity in gastric cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12492-12497.	7.1	46
76	Screening of quinoline, 1,3-benzoxazine, and 1,3-oxazine-based small molecules against isolated methionyl-tRNA synthetase and A549 and HCT116 cancer cells including an in silico binding mode analysis. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9381-9387.	2.8	43
77	Development of Mixed-Cation Cs <sub>x</sub> Rb <sub>1-x</sub> PbX <sub>3</sub> Perovskite Quantum Dots and Their Full-Color Film with High Stability and Wide Color Gamut. <i>Advanced Optical Materials</i> , 2018, 6, 1800295.	7.3	43
78	Downregulation of lamin A by tumor suppressor AIMP3/p18 leads to a progeroid phenotype in mice. <i>Aging Cell</i> , 2010, 9, 810-822.	6.7	41
79	Mucosa-Associated Epithelial Chemokine/CCL28 Expression in the Uterus Attracts CCR10+ IgA Plasma Cells following Mucosal Vaccination via Estrogen Control. <i>Journal of Immunology</i> , 2011, 187, 3044-3052.	0.8	41
80	Identification of gp96 as a Novel Target for Treatment of Autoimmune Disease in Mice. <i>PLoS ONE</i> , 2010, 5, e9792.	2.5	40
81	Use of transthoracic cryoanalgesia during the Nuss procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 887-888.	0.8	40
82	High efficiency green TADF emitters of acridine donor and triazine acceptor D-A-D structures. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7672-7680.	5.5	40
83	The incidence of neuropathic pain after intercostal cryoablation during the Nuss procedure. <i>Pediatric Surgery International</i> , 2020, 36, 317-324.	1.4	40
84	Direct Gallbladder Indocyanine Green Injection Fluorescence Cholangiography During Laparoscopic Cholecystectomy. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2017, 27, 1069-1073.	1.0	40
85	The expressions of the Rb pathway in cervical intraepithelial neoplasia; predictive and prognostic significance. <i>Gynecologic Oncology</i> , 2007, 104, 207-211.	1.4	38
86	Association of Aminoacyl-tRNA Synthetases with Cancer. <i>Topics in Current Chemistry</i> , 2013, 344, 207-245.	4.0	38
87	Recurrent fusion transcripts detected by whole-transcriptome sequencing of 120 primary breast cancer samples. <i>Genes Chromosomes and Cancer</i> , 2015, 54, 681-691.	2.8	38
88	Practice guidelines for management of cervical cancer in Korea: a Korean Society of Gynecologic Oncology Consensus Statement. <i>Journal of Gynecologic Oncology</i> , 2017, 28, e22.	2.2	38
89	Enhancing the copper-sensing capability of Escherichia coli-based whole-cell bioreporters by genetic engineering. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1513-1521.	3.6	38
90	Treatment outcomes of extended-field radiation therapy and the effect of concurrent chemotherapy on uterine cervical cancer with para-aortic lymph node metastasis. <i>Radiation Oncology</i> , 2015, 10, 18.	2.7	37

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91	Six months response rate of combined oral medroxyprogesterone/levonorgestrel-intrauterine system for early-stage endometrial cancer in young women: a Korean Gynecologic-Oncology Group Study. <i>Journal of Gynecologic Oncology</i> , 2019, 30, e47.	2.2	37
92	Conformational changes in human prolyl-tRNA synthetase upon binding of the substrates proline and ATP and the inhibitor halofuginone. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2136-2145.	2.5	36
93	Expression of programmed cell death ligand 1 and immune checkpoint markers in residual tumors after neoadjuvant chemotherapy for advanced high-grade serous ovarian cancer. <i>Gynecologic Oncology</i> , 2018, 151, 414-421.	1.4	36
94	13.4 A 512Gb 3-bit/Cell 3D 6<sup>th</sup>-Generation V-NAND Flash Memory with 82MB/s Write Throughput and 1.2Gb/s Interface. , 2019, , .		36
95	Released Tryptophanyl-tRNA Synthetase Stimulates Innate Immune Responses against Viral Infection. <i>Journal of Virology</i> , 2019, 93, .	3.4	36
96	Lysyl-tRNA synthetase-expressing colon spheroids induce M2 macrophage polarization to promote metastasis. <i>Journal of Clinical Investigation</i> , 2018, 128, 5034-5055.	8.2	36
97	Protein-Protein Interactions and Multi-component Complexes of Aminoacyl-tRNA Synthetases. <i>Topics in Current Chemistry</i> , 2013, 344, 119-144.	4.0	35
98	Is Single-Port Access Laparoscopy Less Painful Than Conventional Laparoscopy for Adnexal Surgery? A Comparison of Postoperative Pain and Surgical Outcomes. <i>Surgical Innovation</i> , 2013, 20, 46-54.	0.9	35
99	Ethylene Gas Decomposition Using ZSM-5/WO<sub>3</sub>-Pt-Nanorod Composites for Fruit Freshness. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11250-11257.	6.7	35
100	Long Non-coding RNA HOXA11 Antisense Promotes Cell Proliferation and Invasion and Predicts Patient Prognosis in Serous Ovarian Cancer. <i>Cancer Research and Treatment</i> , 2017, 49, 656-668.	3.0	35
101	Detection of Germline Mutations in Patients with Epithelial Ovarian Cancer Using Multi-gene Panels: Beyond BRCA1/2. <i>Cancer Research and Treatment</i> , 2018, 50, 917-925.	3.0	35
102	4-1BB co-stimulation further enhances anti-PD-1-mediated reinvigoration of exhausted CD39<sup>+</sup> CD8 T cells from primary and metastatic sites of epithelial ovarian cancers. , 2020, 8, e001650.		35
103	A Case-Control Study of Robotic Radical Hysterectomy and Pelvic Lymphadenectomy Using 3 Robotic Arms Compared With Abdominal Radical Hysterectomy in Cervical Cancer. <i>International Journal of Gynecological Cancer</i> , 2010, 20, 1284-1289.	2.5	34
104	AIMP3/p18 Controls Translational Initiation by Mediating the Delivery of Charged Initiator tRNA to Initiation Complex. <i>Journal of Molecular Biology</i> , 2012, 423, 475-481.	4.2	34
105	First-Line Managers' HR Involvement and HR Effectiveness: The Case of South Korea. <i>Human Resource Management</i> , 2013, 52, 947-966.	5.8	34
106	MicroRNA-630 inhibitor sensitizes chemoresistant ovarian cancer to chemotherapy by enhancing apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 513-520.	2.1	34
107	Preparation and Characterization of Superabsorbent Polymers Based on Starch Aldehydes and Carboxymethyl Cellulose. <i>Polymers</i> , 2018, 10, 605.	4.5	34
108	Ca <sup>2+</sup> -regulated Ca <sup>2+</sup> channels with an RCK gating ring control plant symbiotic associations. <i>Nature Communications</i> , 2019, 10, 3703.	12.8	34

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109	Social capital of the HR department, HR's change agent role, and HR effectiveness: evidence from South Korean firms. <i>International Journal of Human Resource Management</i> , 2011, 22, 1638-1653.	5.3	33
110	The impact of pretreatment thrombocytosis and persistent thrombocytosis after adjuvant chemotherapy in patients with advanced epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2011, 122, 238-241.	1.4	33
111	Expression of stress-induced phosphoprotein1 (STIP1) is associated with tumor progression and poor prognosis in epithelial ovarian cancer. <i>Genes Chromosomes and Cancer</i> , 2014, 53, 277-288.	2.8	33
112	Evaluating link criticality of road network based on the concept of macroscopic fundamental diagram. <i>Transportmetrica A: Transport Science</i> , 2017, 13, 162-193.	2.0	33
113	Targeting the interaction of AIMP2-DX2 with HSP70 suppresses cancer development. <i>Nature Chemical Biology</i> , 2020, 16, 31-41.	8.0	33
114	The benefit of adjuvant chemotherapy combined with postoperative radiotherapy for endometrial cancer: a meta-analysis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 170, 39-44.	1.1	32
115	Genetic characteristics of gastric-type mucinous carcinoma of the uterine cervix. <i>Modern Pathology</i> , 2021, 34, 637-646.	5.5	32
116	Antitumor activity and pharmacokinetic properties of ARS-interacting multi-functional protein 1 (AIMP1/p43). <i>Cancer Letters</i> , 2010, 287, 157-164.	7.2	31
117	Determination of Structural Models of the Complex between the Cytoplasmic Domain of Erythrocyte Band 3 and Ankyrin-R Repeats 13-24. <i>Journal of Biological Chemistry</i> , 2011, 286, 20746-20757.	3.4	30
118	Extracellular Activities of Aminoacyl-tRNA Synthetases: New Mediators for Cell-Cell Communication. <i>Topics in Current Chemistry</i> , 2013, 344, 145-166.	4.0	30
119	Oncogenic Mutation of AIMP2/p38 Inhibits Its Tumor-Suppressive Interaction with Smurf2. <i>Cancer Research</i> , 2016, 76, 3422-3436.	0.9	30
120	Production of recombinant human procollagen type I C-terminal propeptide and establishment of a sandwich ELISA for quantification. <i>Scientific Reports</i> , 2017, 7, 15946.	3.3	30
121	Impact of the time interval from completion of neoadjuvant chemotherapy to initiation of postoperative adjuvant chemotherapy on the survival of patients with advanced ovarian cancer. <i>Gynecologic Oncology</i> , 2018, 148, 62-67.	1.4	30
122	Relationships Among Self-Efficacy, Pay-for-Performance Perceptions, and Pay Satisfaction: A Korean Examination. <i>Human Performance</i> , 2008, 21, 158-179.	2.4	29
123	A 58nm 1.8V 1Gb PRAM with 6.4MB/s program BW. , 2011, , .		29
124	Model-Based Segmentation Featuring Simultaneous Segment-Level Variable Selection. <i>Journal of Marketing Research</i> , 2012, 49, 725-736.	4.8	29
125	Synthesis and X-ray crystal structure of derivatives from the N,N-bis(1H-pyrazolyl-1-methyl)aniline(dichloro)Zn(II) complex: Substituent effects on the phenyl ring versus the pyrazole ring. <i>Polyhedron</i> , 2012, 42, 135-141.	2.2	29
126	HIF1-mediated AIMP3 suppression delays stem cell aging via the induction of autophagy. <i>Aging Cell</i> , 2019, 18, e12909.	6.7	29



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127	Solvent-free Aerosol Deposition for Highly Luminescent and Thermally Stable Perovskite Ceramic Nanocomposite Film. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900359.	3.7	29
128	NeuroWander. , 2010, , .		28
129	ALMp1 Potentiates TH1 Polarization and Is Critical for Effective Antitumor and Antiviral Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 1801.	4.8	28
130	Two-step sentinel lymph node mapping strategy in endometrial cancer staging using fluorescent imaging: A novel sentinel lymph node tracer injection procedure. <i>Surgical Oncology</i> , 2018, 27, 514-519.	1.6	28
131	Clinical significance of tumor volume and lymph node involvement assessed by MRI in stage IIB cervical cancer patients treated with concurrent chemoradiation therapy. <i>Journal of Gynecologic Oncology</i> , 2010, 21, 18.	2.2	27
132	Single-port laparoscopic surgery is applicable to most gynecologic surgery: a single surgeon's experience. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012, 26, 1318-1324.	2.4	27
133	Surgical Outcomes of Robotic Radical Hysterectomy Using Three Robotic Arms versus Conventional Multiport Laparoscopy in Patients with Cervical Cancer. <i>Yonsei Medical Journal</i> , 2014, 55, 1222.	2.2	27
134	O-GlcNAcylation of Orphan Nuclear Receptor Estrogen-Related Receptor $\beta$ Promotes Hepatic Gluconeogenesis. <i>Diabetes</i> , 2016, 65, 2835-2848.	0.6	27
135	ALMP2 Controls Intestinal Stem Cell Compartments and Tumorigenesis by Modulating Wnt/ $\beta$ -Catenin Signaling. <i>Cancer Research</i> , 2016, 76, 4559-4568.	0.9	27
136	The optimal carbon and hydrogen balance for methanol production from coke oven gas and Linz-Donawitz gas: Process development and techno-economic analysis. <i>Fuel</i> , 2020, 266, 117093.	6.4	27
137	Use of Tunable Whole-Cell Bioreporters to Assess Bioavailable Cadmium and Remediation Performance in Soils. <i>PLoS ONE</i> , 2016, 11, e0154506.	2.5	27
138	The role of S100A14 in epithelial ovarian tumors. <i>Oncotarget</i> , 2014, 5, 3482-3496.	1.8	27
139	Comparison of Clinical Outcomes of BRCA1/2 Pathologic Mutation, Variants of Unknown Significance, or Wild Type Epithelial Ovarian Cancer Patients. <i>Cancer Research and Treatment</i> , 2017, 49, 408-415.	3.0	27
140	Autoantibodies against stress-induced phosphoprotein $\alpha$ 1 as a novel biomarker candidate for ovarian cancer. <i>Genes Chromosomes and Cancer</i> , 2010, 49, 585-595.	2.8	26
141	Cancer Association Study of Aminoacyl-tRNA Synthetase Signaling Network in Glioblastoma. <i>PLoS ONE</i> , 2012, 7, e40960.	2.5	26
142	Life-cycle energy, cost, and CO <sub>2</sub> emission of CO <sub>2</sub> -enhanced coalbed methane (ECBM) recovery framework. <i>Journal of Natural Gas Science and Engineering</i> , 2019, 70, 102953.	4.4	25
143	Incorporation of paclitaxel-based hyperthermic intraperitoneal chemotherapy in patients with advanced-stage ovarian cancer treated with neoadjuvant chemotherapy followed by interval debulking surgery: a protocol-based pilot study. <i>Journal of Gynecologic Oncology</i> , 2019, 30, e3.	2.2	25
144	Mutation landscape of germline and somatic BRCA1/2 in patients with high-grade serous ovarian cancer. <i>BMC Cancer</i> , 2020, 20, 204.	2.6	25

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