

Sunghoon Kim

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

434 papers	9,767 citations	45 h-index	80 g-index
460 ext. papers	12,847 ext. citations	5 avg, IF	6.44 L-index

#	Paper	IF	Citations
434	MicroRNA expression profiles in serous ovarian carcinoma. <i>Clinical Cancer Research</i> , 2008 , 14, 2690-5	12.9	636
433	Leucyl-tRNA synthetase is an intracellular leucine sensor for the mTORC1-signaling pathway. <i>Cell</i> , 2012 , 149, 410-24	56.2	560
432	The BioMart community portal: an innovative alternative to large, centralized data repositories. <i>Nucleic Acids Research</i> , 2015 , 43, W589-98	20.1	468
431	PHD1 controls muscle mTORC1 in a hydroxylation-independent manner by stabilizing leucyl tRNA synthetase. <i>Nature Communications</i> , 2020 , 11, 174	17.4	394
430	Aminoacyl-tRNA synthetases and tumorigenesis: more than housekeeping. <i>Nature Reviews Cancer</i> , 2011 , 11, 708-18	31.3	195
429	Long non-coding RNA HOTAIR is associated with human cervical cancer progression. <i>International Journal of Oncology</i> , 2015 , 46, 521-30	4.4	162
428	Patient-specific orthotopic glioblastoma xenograft models recapitulate the histopathology and biology of human glioblastomas in situ. <i>Cell Reports</i> , 2013 , 3, 260-73	10.6	152
427	Mass spectrometry based metabolomic approaches in urinary biomarker study of women's cancers. <i>Clinica Chimica Acta</i> , 2009 , 400, 63-9	6.2	144
426	Diagnosis and staging of primary ovarian cancer: correlation between PET/CT, Doppler US, and CT or MRI. <i>Gynecologic Oncology</i> , 2010 , 116, 389-94	4.9	140
425	Transumbilical single-port access versus conventional total laparoscopic hysterectomy: surgical outcomes. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 203, 26.e1-6	6.4	131
424	Structural switch of lysyl-tRNA synthetase between translation and transcription. <i>Molecular Cell</i> , 2013 , 49, 30-42	17.6	104
423	Secreted human glycyl-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	11.5	93
422	Prognostic implications of PD-L1 expression in patients with soft tissue sarcoma. <i>BMC Cancer</i> , 2016 , 16, 434	4.8	93
421	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, 762-5	3	86
420	Tumor Suppressor miRNA-204-5p Regulates Growth, Metastasis, and Immune Microenvironment Remodeling in Breast Cancer. <i>Cancer Research</i> , 2019 , 79, 1520-1534	10.1	83
419	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, 19635-40	11.5	82
418	Aminoacyl-tRNA synthetases as therapeutic targets. <i>Nature Reviews Drug Discovery</i> , 2019 , 18, 629-650	64.1	81

417	Trp-tRNA synthetase bridges DNA-PKcs to PARP-1 to link IFN- λ and p53 signaling. <i>Nature Chemical Biology</i> , 2012 , 8, 547-54	11.7	72
416	Cancer-associated splicing variant of tumor suppressor AIMP2/p38: pathological implication in tumorigenesis. <i>PLoS Genetics</i> , 2011 , 7, e1001351	6	68
415	Promiscuous methionyl-tRNA synthetase mediates adaptive mistranslation to protect cells against oxidative stress. <i>Journal of Cell Science</i> , 2014 , 127, 4234-45	5.3	65
414	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, 4142-59	0.9	64
413	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	2.2	63
412	Rational drug repositioning guided by an integrated pharmacological network of protein, disease and drug. <i>BMC Systems Biology</i> , 2012 , 6, 80	3.5	62
411	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	5	62
410	Leucyl-tRNA Synthetase Activates Vps34 in Amino Acid-Sensing mTORC1 Signaling. <i>Cell Reports</i> , 2016 , 16, 1510-1517	10.6	61
409	Human resource management and firm performance in China: A critical review. <i>Asia Pacific Journal of Human Resources</i> , 2010 , 48, 58-85	2.2	60
408	Methionine deprivation suppresses triple-negative breast cancer metastasis in vitro and in vivo. <i>Oncotarget</i> , 2016 , 7, 67223-67234	3.3	59
407	Hospitality workers' 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	8.3	58
406	OPRoS: A New Component-Based Robot Software Platform. <i>ETRI Journal</i> , 2010 , 32, 646-656	1.4	57
405	Integrative analysis of mutational and transcriptional profiles reveals driver mutations of metastatic breast cancers. <i>Cell Discovery</i> , 2016 , 2, 16025	22.3	52
404	Structural basis for full-spectrum inhibition of translational functions on a tRNA synthetase. <i>Nature Communications</i> , 2015 , 6, 6402	17.4	50
403	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, 3298-300	3	50
402	Staging laparoscopy for the management of early-stage ovarian cancer: a metaanalysis. <i>American Journal of Obstetrics and Gynecology</i> , 2013 , 209, 58.e1-8	6.4	49
401	MICA/B and ULBP1 NKG2D ligands are independent predictors of good prognosis in cervical cancer. <i>BMC Cancer</i> , 2014 , 14, 957	4.8	48
400	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	7.3	47

399	Changes in ovarian cancer survival during the 20 years before the era of targeted therapy. <i>BMC Cancer</i> , 2018 , 18, 601	4.8	47
398	Use of acetylated softwood kraft lignin as filler in synthetic polymers. <i>Fibers and Polymers</i> , 2012 , 13, 1310-1318	4.7	
397	CDA: combinatorial drug discovery using transcriptional response modules. <i>PLoS ONE</i> , 2012 , 7, e42573	3.7	47
396	A general strategy for generating intact, full-length IgG antibodies that penetrate into the cytosol of living cells. <i>MAbs</i> , 2014 , 6, 1402-14	6.6	46
395	Robotic single-port transumbilical total hysterectomy: a pilot study. <i>Journal of Gynecologic Oncology</i> , 2011 , 22, 120-6	4	46
394	Prognostic impact of the cancer stem cell-related marker NANOG in ovarian serous carcinoma. <i>International Journal of Gynecological Cancer</i> , 2012 , 22, 1489-96	3.5	46
393	Expression of the p16 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, 162-8	4	46
392	Control of leucine-dependent mTORC1 pathway through chemical intervention of leucyl-tRNA synthetase and RagD interaction. <i>Nature Communications</i> , 2017 , 8, 732	17.4	45
391	Assembly of Multi-tRNA Synthetase Complex via Heterotetrameric Glutathione Transferase-homology Domains. <i>Journal of Biological Chemistry</i> , 2015 , 290, 29313-28	5.4	45
390	Aminoacyl-tRNA synthetase-interacting multifunctional proteins (AIMPs): a triad for cellular homeostasis. <i>IUBMB Life</i> , 2010 , 62, 296-302	4.7	45
389	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, 303-12	4	44
388	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	4	43
387	miR-543 and miR-590-3p regulate human mesenchymal stem cell aging via direct targeting of AIMP3/p18. <i>Age</i> , 2014 , 36, 9724		43
386	Effects of uterine manipulation on surgical outcomes in laparoscopic management of endometrial cancer: a prospective randomized clinical trial. <i>International Journal of Gynecological Cancer</i> , 2013 , 23, 372-9	3.5	43
385	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	11.5	43
384	Chemical inhibition of prometastatic lysyl-tRNA synthetase-laminin receptor interaction. <i>Nature Chemical Biology</i> , 2014 , 10, 29-34	11.7	42
383	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	8.3	41
382	MicroRNA profiling of a CD133(+) spheroid-forming subpopulation of the OVCAR3 human ovarian cancer cell line. <i>BMC Medical Genomics</i> , 2012 , 5, 18	3.7	41

381	Correlation of human leukocyte antigen-G (HLA-G) expression and disease progression in epithelial ovarian cancer. <i>Reproductive Sciences</i> , 2009 , 16, 1103-11	3	41
380	Employee perceptions of HR practices: A critical review and future directions. <i>International Journal of Human Resource Management</i> , 2020 , 31, 128-173	3.6	41
379	Secreted tryptophanyl-tRNA synthetase as a primary defence system against infection. <i>Nature Microbiology</i> , 2016 , 2, 16191	26.6	40
378	Splicing variant of AIMP2 as an effective target against chemoresistant ovarian cancer. <i>Journal of Molecular Cell Biology</i> , 2012 , 4, 164-73	6.3	40
377	Infection-specific phosphorylation of glutamyl-prolyl tRNA synthetase induces antiviral immunity. <i>Nature Immunology</i> , 2016 , 17, 1252-1262	19.1	40
376	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, 15084-9	11.5	38
375	Preparation and characterization of thermoplastic polyurethanes using partially acetylated kraft lignin. <i>Fibers and Polymers</i> , 2013 , 14, 1082-1093	2	38
374	Perovskite-Induced Ultrasensitive and Highly Stable Humidity Sensor Systems Prepared by Aerosol Deposition at Room Temperature. <i>Advanced Functional Materials</i> , 2020 , 30, 1907449	15.6	37
373	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, 9381-7	3.9	36
372	Genomic alterations in BCL2L1 and DLC1 contribute to drug sensitivity in gastric cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 12492-7	11.5	36
371	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, 3044-52	5.3	36
370	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	2.7	36
369	Separation of extracellular nanovesicles and apoptotic bodies from cancer cell culture broth using tunable microfluidic systems. <i>Scientific Reports</i> , 2017 , 7, 9907	4.9	35
368	Downregulation of lamin A by tumor suppressor AIMP3/p18 leads to a progeroid phenotype in mice. <i>Aging Cell</i> , 2010 , 9, 810-22	9.9	35
367	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	10.6	34
366	Identification of gp96 as a novel target for treatment of autoimmune disease in mice. <i>PLoS ONE</i> , 2010 , 5, e9792	3.7	33
365	The expressions of the Rb pathway in cervical intraepithelial neoplasia; predictive and prognostic significance. <i>Gynecologic Oncology</i> , 2007 , 104, 207-11	4.9	33
364	Aminoacyl-tRNA synthetases, therapeutic targets for infectious diseases. <i>Biochemical Pharmacology</i> , 2018 , 154, 424-434	6	32

- 363 The lysosomal potassium channel TMEM175 adopts a novel tetrameric architecture. *Nature*, **2017**, 547, 472-475 50.4 32
- 362 Development of a Deceleration-Based Surrogate Safety Measure for Rear-End Collision Risk. *IEEE Transactions on Intelligent Transportation Systems*, **2015**, 16, 2435-2445 6.1 32
- 361 Long Non-coding RNA Antisense Promotes Cell Proliferation and Invasion and Predicts Patient Prognosis in Serous Ovarian Cancer. *Cancer Research and Treatment*, **2017**, 49, 656-668 5.2 32
- 360 Treatment outcomes of extended-field radiation therapy and the effect of concurrent chemotherapy on uterine cervical cancer with para-aortic lymph node metastasis. *Radiation Oncology*, **2015**, 10, 18 4.2 31
- 359 4-1BB Delineates Distinct Activation Status of Exhausted Tumor-Infiltrating CD8 T Cells in Hepatocellular Carcinoma. *Hepatology*, **2020**, 71, 955-971 11.2 31
- 358 Intraoperative cryoanalgesia for managing pain after the Nuss procedure. *Journal of Pediatric Surgery*, **2017**, 52, 920-924 2.6 30
- 357 High efficiency green TADF emitters of acridine donor and triazine acceptor DAD structures. *Journal of Materials Chemistry C*, **2019**, 7, 7672-7680 7.1 30
- 356 Recurrent fusion transcripts detected by whole-transcriptome sequencing of 120 primary breast cancer samples. *Genes Chromosomes and Cancer*, **2015**, 54, 681-91 5 30
- 355 Association of aminoacyl-tRNA synthetases with cancer. *Topics in Current Chemistry*, **2014**, 344, 207-45 30
- 354 The impact of pretreatment thrombocytosis and persistent thrombocytosis after adjuvant chemotherapy in patients with advanced epithelial ovarian cancer. *Gynecologic Oncology*, **2011**, 122, 238-41 4.9 30
- 353 A case-control study of robotic radical hysterectomy and pelvic lymphadenectomy using 3 robotic arms compared with abdominal radical hysterectomy in cervical cancer. *International Journal of Gynecological Cancer*, **2010**, 20, 1284-9 3.5 30
- 352 Glucose-dependent control of leucine metabolism by leucyl-tRNA synthetase 1. *Science*, **2020**, 367, 205-210 3.5 30
- 351 Evolution of the multi-tRNA synthetase complex and its role in cancer. *Journal of Biological Chemistry*, **2019**, 294, 5340-5351 5.4 30
- 350 Development of Mixed-Cation CsxRb1-xPbX3 Perovskite Quantum Dots and Their Full-Color Film with High Stability and Wide Color Gamut. *Advanced Optical Materials*, **2018**, 6, 1800295 8.1 30
- 349 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. *Journal of Gynecologic Oncology*, **2019**, 30, e47 4 29
- 348 Expression of stress-induced phosphoprotein1 (STIP1) is associated with tumor progression and poor prognosis in epithelial ovarian cancer. *Genes Chromosomes and Cancer*, **2014**, 53, 277-88 5 28
- 347 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. *Polyhedron*, **2012**, 42, 135-141 2.7 28
- 346 A threonyl-tRNA synthetase-mediated translation initiation machinery. *Nature Communications*, **2019**, 10, 1357 17.4 27

345	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	4	27
344	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, 2136-45		27
343	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	2	26
342	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	3.6	26
341	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, 18-23	4	26
340	MicroRNA-630 inhibitor sensitizes chemoresistant ovarian cancer to chemotherapy by enhancing apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 497, 513-520	3.4	25
339	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	2.4	25
338	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, 1318-24	5.2	25
337	Preparation and Characterization of Superabsorbent Polymers Based on Starch Aldehydes and Carboxymethyl Cellulose. <i>Polymers</i> , 2018 , 10,	4.5	24
336	Evaluating link criticality of road network based on the concept of macroscopic fundamental diagram. <i>Transportmetrica A: Transport Science</i> , 2017 , 13, 162-193	2.5	24
335	AIMP3/p18 controls translational initiation by mediating the delivery of charged initiator tRNA to initiation complex. <i>Journal of Molecular Biology</i> , 2012 , 423, 475-81	6.5	24
334	First-Line Managers' HR Involvement and HR Effectiveness: The Case of South Korea. <i>Human Resource Management</i> , 2013 , 52, 947-966	4.8	24
333	Protein-protein interactions and multi-component complexes of aminoacyl-tRNA synthetases. <i>Topics in Current Chemistry</i> , 2014 , 344, 119-44		24
332	Model-Based Segmentation Featuring Simultaneous Segment-Level Variable Selection. <i>Journal of Marketing Research</i> , 2012 , 49, 725-736	5.2	24
331	The role of S100A14 in epithelial ovarian tumors. <i>Oncotarget</i> , 2014 , 5, 3482-96	3.3	24
330	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	2.1	24
329	Oncogenic Mutation of AIMP2/p38 Inhibits Its Tumor-Suppressive Interaction with Smurf2. <i>Cancer Research</i> , 2016 , 76, 3422-36	10.1	24
328	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	5.7	23

327	Synthesis and characterisation of palladium(II) and platinum(II) complexes with N,N',N-tridentate ligands based on N,N-di(2-picolyl)cycloalkylamine and polymerisation of methyl methacrylate. <i>Polyhedron</i> , 2013 , 63, 139-146	2.7	23
326	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	4.9	23
325	AIMP2 Controls Intestinal Stem Cell Compartments and Tumorigenesis by Modulating Wnt/ β Catenin Signaling. <i>Cancer Research</i> , 2016 , 76, 4559-68	10.1	22
324	Extracellular activities of aminoacyl-tRNA synthetases: new mediators for cell-cell communication. <i>Topics in Current Chemistry</i> , 2014 , 344, 145-66		22
323	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, 20746-57	5.4	22
322	Relationships Among Self-Efficacy, Pay-for-Performance Perceptions, and Pay Satisfaction: A Korean Examination. <i>Human Performance</i> , 2008 , 21, 158-179	2.4	22
321	Translational validation of personalized treatment strategy based on genetic characteristics of glioblastoma. <i>PLoS ONE</i> , 2014 , 9, e103327	3.7	22
320	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	5.2	22
319	HIF1 α -mediated AIMP3 suppression delays stem cell aging via the induction of autophagy. <i>Aging Cell</i> , 2019 , 18, e12909	9.9	21
318	Solvent-Free Aerosol Deposition for Highly Luminescent and Thermally Stable Perovskite-Ceramic Nanocomposite Film. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900359	4.6	21
317	Simultaneous detection of bioavailable arsenic and cadmium in contaminated soils using dual-sensing bioreporters. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 3713-22	5.7	21
316	Palladium(II) complexes containing N,N'-bidentate N-cycloalkyl 2-iminomethylpyridine and 2-iminomethylquinoline: Synthesis, characterisation and methyl methacrylate polymerisation. <i>Polyhedron</i> , 2014 , 69, 149-155	2.7	21
315	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, 1222-30	3	21
314	Antitumor activity and pharmacokinetic properties of ARS-interacting multi-functional protein 1 (AIMP1/p43). <i>Cancer Letters</i> , 2010 , 287, 157-64	9.9	21
313	Autoantibodies against stress-induced phosphoprotein-1 as a novel biomarker candidate for ovarian cancer. <i>Genes Chromosomes and Cancer</i> , 2010 , 49, 585-95	5	21
312	Lysyl-tRNA synthetase-expressing colon spheroids induce M2 macrophage polarization to promote metastasis. <i>Journal of Clinical Investigation</i> , 2018 , 128, 5034-5055	15.9	21
311	Use of Tunable Whole-Cell Bioreporters to Assess Bioavailable Cadmium and Remediation Performance in Soils. <i>PLoS ONE</i> , 2016 , 11, e0154506	3.7	21
310	Targeting the interaction of AIMP2-DX2 with HSP70 suppresses cancer development. <i>Nature Chemical Biology</i> , 2020 , 16, 31-41	11.7	21

309	Use of transthoracic cryoanalgesia during the Nuss procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 887-888	1.5	20
308	A 58nm 1.8V 1Gb PRAM with 6.4MB/s program BW 2011 ,		20
307	Upregulation of homeobox gene is correlated with poor survival outcomes in cervical cancer. <i>Oncotarget</i> , 2017 , 8, 84396-84402	3.3	20
306	Evaluation of bioavailable arsenic and remediation performance using a whole-cell bioreporter. <i>Science of the Total Environment</i> , 2016 , 547, 125-131	10.2	19
305	A catalytic biofuel production strategy involving separate conversion of hemicellulose and cellulose using 2-sec-butylphenol (SBP) and lignin-derived (LD) alkylphenol solvents. <i>Bioresource Technology</i> , 2016 , 204, 1-8	11	19
304	Agent-based network transmission model using the properties of macroscopic fundamental diagram. <i>Transportation Research Part C: Emerging Technologies</i> , 2018 , 93, 79-101	8.4	19
303	Cancer association study of aminoacyl-tRNA synthetase signaling network in glioblastoma. <i>PLoS ONE</i> , 2012 , 7, e40960	3.7	19
302	Crystal structure of human cytosolic aspartyl-tRNA synthetase, a component of multi-tRNA synthetase complex. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013 , 81, 1840-6	4.2	19
301	NeuroWander 2010 ,		19
300	Released Tryptophanyl-tRNA Synthetase Stimulates Innate Immune Responses against Viral Infection. <i>Journal of Virology</i> , 2019 , 93,	6.6	19
299	O-GlcNAcylation of Orphan Nuclear Receptor Estrogen-Related Receptor 1 Promotes Hepatic Gluconeogenesis. <i>Diabetes</i> , 2016 , 65, 2835-48	0.9	18
298	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016 , 17, 1932-1943	6.1	18
297	13.4 A 512Gb 3-bit/Cell 3D 6th-Generation V-NAND Flash Memory with 82MB/s Write Throughput and 1.2Gb/s Interface 2019 ,		17
296	Novel Morphologic and Genetic Analysis of Cancer Cells in a 3D Microenvironment Identifies STAT3 as a Regulator of Tumor Permeability Barrier Function. <i>Cancer Research</i> , 2016 , 76, 1044-54	10.1	17
295	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	2.5	17
294	Ca-regulated Ca channels with an RCK gating ring control plant symbiotic associations. <i>Nature Communications</i> , 2019 , 10, 3703	17.4	17
293	Compressive viscoelastic properties of softwood kraft lignin-based flexible polyurethane foams. <i>Fibers and Polymers</i> , 2013 , 14, 1301-1310	2	17
292	Chemical suppression of an oncogenic splicing variant of AIMP2 induces tumour regression. <i>Biochemical Journal</i> , 2013 , 454, 411-6	3.8	17

291	Identification of CD23 as a functional receptor for the proinflammatory cytokine AIMP1/p43. <i>Journal of Cell Science</i> , 2012 , 125, 4620-9	5.3	17
290	Optimization-based assessment framework for carbon utilization strategies: Energy production from coke oven gas. <i>Energy Conversion and Management</i> , 2019 , 187, 1-14	10.6	16
289	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	4.9	16
288	Real-Time Travel Time Prediction Using Multi-Level k-Nearest Neighbor Algorithm and Data Fusion Method 2014 ,		16
287	A case of placenta increta presenting as delayed postabortal intraperitoneal bleeding in the first trimester. <i>Journal of Korean Medical Science</i> , 2007 , 22, 932-5	4.7	16
286	Primary and recurrent ovarian high-grade serous carcinomas display similar microRNA expression patterns relative to those of normal ovarian tissue. <i>Oncotarget</i> , 2016 , 7, 70524-70534	3.3	16
285	Clinical outcomes of adjuvant radiation therapy and prognostic factors in early stage uterine cervical cancer. <i>Radiation Oncology Journal</i> , 2015 , 33, 126-33	2.5	16
284	Comparison of Clinical Outcomes of Pathologic Mutation, Variants of Unknown Significance, or Wild Type Epithelial Ovarian Cancer Patients. <i>Cancer Research and Treatment</i> , 2017 , 49, 408-415	5.2	16
283	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	6.4	16
282	Treatment preferences of advanced ovarian cancer patients for adding bevacizumab to first-line therapy. <i>Gynecologic Oncology</i> , 2016 , 143, 622-627	4.9	15
281	Endoscopic treatment of Morel-Lavallee lesion. <i>Injury</i> , 2016 , 47, 1064-6	2.5	15
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