

Dong Eun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

200
papers

5,690
citations

61984

43
h-index

106344

65
g-index

204
all docs

204
docs citations

204
times ranked

8872
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagosome-lysosome fusion is facilitated by plectin-stabilized actin and keratin 8 during macroautophagic process. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 95.	5.4	6
2	Highly sensitive near-infrared SERS nanoprobe for in vivo imaging using gold-assembled silica nanoparticles with controllable nanogaps. <i>Journal of Nanobiotechnology</i> , 2022, 20, 130.	9.1	26
3	Detection of SARS-CoV-2 RNA through tandem isothermal gene amplification without reverse transcription. <i>Analytica Chimica Acta</i> , 2022, 1212, 339909.	5.4	5
4	Aptamer-conjugated nano-liposome for immunogenic chemotherapy with reversal of immunosuppression. <i>Journal of Controlled Release</i> , 2022, 348, 893-910.	9.9	41
5	Multi-Quantum Dots-Embedded Silica-Encapsulated Nanoparticle-Based Lateral Flow Assay for Highly Sensitive Exosome Detection. <i>Nanomaterials</i> , 2021, 11, 768.	4.1	27
6	KRT8 (keratin 8) attenuates necrotic cell death by facilitating mitochondrial fission-mediated mitophagy through interaction with PLEC (plectin). <i>Autophagy</i> , 2021, 17, 3939-3956.	9.1	15
7	Cyclin-Dependent Kinase Inhibitor BMI-1026 Induces Apoptosis by Downregulating Mcl-1 (L) and c-FLIP (L) and Inactivating p-Akt in Human Renal Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4268.	4.1	1
8	Identification of Highly Conserved SARS-CoV-2 Antigenic Epitopes with Wide Coverage Using Reverse Vaccinology Approach. <i>Viruses</i> , 2021, 13, 787.	3.3	13
9	Autophagy down-regulates NLRP3-dependent inflammatory response of intestinal epithelial cells under nutrient deprivation. <i>BMB Reports</i> , 2021, 54, 260-265.	2.4	6
10	Recent Advances in Surface-Enhanced Raman Scattering Magnetic Plasmonic Particles for Bioapplications. <i>Nanomaterials</i> , 2021, 11, 1215.	4.1	11
11	Macrocytic Immunoproteasome Inhibitors as a Potential Therapy for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 10934-10950.	6.4	7
12	Fluidic handling system for PCR-based sample-to-answer detection of viral nucleic acids. <i>Sensors and Actuators B: Chemical</i> , 2021, 349, 130788.	7.8	7
13	Nonenzymatic Hydrogen Peroxide Detection Using Surface-Enhanced Raman Scattering of Gold-Silver Core-Shell-Assembled Silica Nanostructures. <i>Nanomaterials</i> , 2021, 11, 2748.	4.1	10
14	Label-free fluorometric detection of influenza viral RNA by strand displacement coupled with rolling circle amplification. <i>Analyst</i> , The, 2020, 145, 8002-8007.	3.5	12
15	Surface Modification of a Stable CdSeZnS/ZnS Alloy Quantum Dot for Immunoassay. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-9.	2.7	5
16	Sensitive detection of virus with broad dynamic range based on highly bright quantum dot-embedded nanoprobe and magnetic beads. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 90, 319-326.	5.8	10
17	Label-free fluorometric detection of microRNA using isothermal rolling circle amplification generating tandem G-quadruplex. <i>Analyst</i> , The, 2020, 145, 6130-6137.	3.5	7
18	Upregulation of DR5 and Downregulation of Survivin by IITZ-01, Lysosomotropic Autophagy Inhibitor, Potentiates TRAIL-Mediated Apoptosis in Renal Cancer Cells via Ubiquitin-Proteasome Pathway. <i>Cancers</i> , 2020, 12, 2363.	3.7	8

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19	A high ATP concentration enhances the cooperative translocation of the SARS coronavirus helicase nsP13 in the unwinding of duplex RNA. <i>Scientific Reports</i> , 2020, 10, 4481.	3.3	91
20	LMP2 Inhibitors as a Potential Treatment for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3763-3783.	6.4	19
21	Fluorometric detection of single-nucleotide mutations using tandem gene amplification. <i>Sensors and Actuators B: Chemical</i> , 2020, 314, 128071.	7.8	6
22	Fluorometric Detection of Low-Abundance EGFR Exon 19 Deletion Mutation Using Tandem Gene Amplification. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 662-667.	2.1	2
23	The bacterial endoribonuclease RNase E can cleave RNA in the absence of the RNA chaperone Hfq. <i>Journal of Biological Chemistry</i> , 2019, 294, 16465-16478.	3.4	18
24	Anti-MUC1/CD44 Dual-Aptamer-Conjugated Liposomes for Cotargeting Breast Cancer Cells and Cancer Stem Cells. <i>ACS Applied Bio Materials</i> , 2019, 2, 4622-4633.	4.6	35
25	Functionalized β -Cyclodextrin Immobilized on Ag-Embedded Silica Nanoparticles as a Drug Carrier. <i>International Journal of Molecular Sciences</i> , 2019, 20, 315.	4.1	19
26	Hispidulin Inhibits Mast Cell-Mediated Allergic Inflammation through Down-Regulation of Histamine Release and Inflammatory Cytokines. <i>Molecules</i> , 2019, 24, 2131.	3.8	23
27	WP1130 Enhances TRAIL-Induced Apoptosis through USP9X-Dependent miR-708-Mediated Downregulation of c-FLIP. <i>Cancers</i> , 2019, 11, 344.	3.7	27
28	A dual inhibitor of the proteasome catalytic subunits LMP2 and Y attenuates disease progression in mouse models of Alzheimer's disease. <i>Scientific Reports</i> , 2019, 9, 18393.	3.3	15
29	Fluorometric Detection of Oncogenic EML4-ALK Fusion Gene based on a Graphene Oxide System. <i>Biochip Journal</i> , 2019, 13, 370-377.	4.9	4
30	Oxidative stress causes Alu RNA accumulation via PIWIL4 sequestration into stress granules. <i>BMB Reports</i> , 2019, 52, 196-201.	2.4	15
31	A novel anti-cancer agent, FPDHP, induces anoikis in various human cancer cells through activation of calpain, and downregulation of anoikis-related molecules. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5620-5631.	2.6	7
32	Polyethylene Glycol-Grafted Graphene Oxide as Biocompatible Materials for Peptide Nucleic Acid Delivery into Cells. <i>Bioconjugate Chemistry</i> , 2018, 29, 528-537.	3.6	45
33	Pulsatile plasma filtration and cell-free DNA amplification using a water-head-driven point-of-care testing chip. <i>Lab on A Chip</i> , 2018, 18, 915-922.	6.0	20
34	Fluorometric detection of EGFR exon 19 deletion mutation in lung cancer cells using graphene oxide. <i>Analyst</i> , 2018, 143, 1797-1804.	3.5	13
35	Dual effects of a CpG-DNAzyme targeting mutant EGFR transcripts in lung cancer cells: TLR9 activation and EGFR downregulation. <i>BMB Reports</i> , 2018, 51, 27-32.	2.4	9
36	Maritoclax Enhances TRAIL-Induced Apoptosis via CHOP-Mediated Upregulation of DR5 and miR-708-Mediated Downregulation of cFLIP. <i>Molecules</i> , 2018, 23, 3030.	3.8	13

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37	Fluorometric detection of influenza viral RNA using graphene oxide. <i>Analytical Biochemistry</i> , 2018, 561-562, 66-69.	2.4	30
38	Multilayer Ag-Embedded Silica Nanostructure as a Surface-Enhanced Raman Scattering-Based Chemical Sensor with Dual-Function Internal Standards. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40748-40755.	8.0	49
39	Assembly of Plasmonic and Magnetic Nanoparticles with Fluorescent Silica Shell Layer for Tri-functional SERS-Magnetic-Fluorescence Probes and Its Bioapplications. <i>Scientific Reports</i> , 2018, 8, 13938.	3.3	30
40	Involvement of Up-Regulation of DR5 Expression and Down-Regulation of c-FLIP in Niclosamide-Mediated TRAIL Sensitization in Human Renal Carcinoma Caki Cells. <i>Molecules</i> , 2018, 23, 2264.	3.8	1
41	Microfluidic chip with movable layers for the manipulation of biochemicals. <i>Lab on A Chip</i> , 2018, 18, 1867-1874.	6.0	9
42	Applications of Cancer Cell-Specific Aptamers in Targeted Delivery of Anticancer Therapeutic Agents. <i>Molecules</i> , 2018, 23, 830.	3.8	61
43	A WUSCHEL Homeobox Transcription Factor, OsWOX13, Enhances Drought Tolerance and Triggers Early Flowering in Rice. <i>Molecules and Cells</i> , 2018, 41, 781-798.	2.6	60
44	Thioridazine enhances sensitivity to carboplatin in human head and neck cancer cells through downregulation of c-FLIP and Mcl-1 expression. <i>Cell Death and Disease</i> , 2017, 8, e2599-e2599.	6.3	31
45	Graphene Oxide Conjugated Magnetic Beads for RNA Extraction. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1883-1888.	3.3	16
46	Fluorometric detection of influenza virus RNA by PCR-coupled rolling circle amplification generating G-quadruplex. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 894-901.	7.8	15
47	Autophagy and KRT8/keratin 8 protect degeneration of retinal pigment epithelium under oxidative stress. <i>Autophagy</i> , 2017, 13, 248-263.	9.1	55
48	Convergent roles of ATF3 and CSL in chromatin control of cancer-associated fibroblast activation. <i>Journal of Experimental Medicine</i> , 2017, 214, 2349-2368.	8.5	33
49	Structure-based prediction and identification of 4-epimerization activity of phosphate sugars in class II aldolases. <i>Scientific Reports</i> , 2017, 7, 1934.	3.3	6
50	NOX4-mediated ROS production induces apoptotic cell death via down-regulation of c-FLIP and Mcl-1 expression in combined treatment with thioridazine and curcumin. <i>Redox Biology</i> , 2017, 13, 608-622.	9.0	53
51	Cluster-like Headache Secondary to Focal Cervical Myelitis. <i>Neurologist</i> , 2017, 22, 138-140.	0.7	3
52	SRSF2 directly inhibits intron splicing to suppresses cassette exon inclusion. <i>BMB Reports</i> , 2017, 50, 423-428.	2.4	12
53	Label/Quencher-Free Detection of Exon Deletion Mutation in Epidermal Growth Factor Receptor Gene Using G-Quadruplex-Inducing DNA Probe. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 72-76.	2.1	4
54	Dependence of RIG-I Nucleic Acid-Binding and ATP Hydrolysis on Activation of Type I Interferon Response. <i>Immune Network</i> , 2016, 16, 249.	3.6	4

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55	Galactosylated Liposomes for Targeted Co-Delivery of Doxorubicin/Vimentin siRNA to Hepatocellular Carcinoma. <i>Nanomaterials</i> , 2016, 6, 141.	4.1	67
56	The multi-target drug BAI induces apoptosis in various human cancer cells through modulation of Bcl-xL protein. <i>International Journal of Oncology</i> , 2016, 49, 2620-2628.	3.3	3
57	Chloroquine enhances TRAIL-mediated apoptosis through up-regulation of DR5 by stabilization of mRNA and protein in cancer cells. <i>Scientific Reports</i> , 2016, 6, 22921.	3.3	29
58	Inhibitory RNA Aptamers of Tau Oligomerization and Their Neuroprotective Roles against Proteotoxic Stress. <i>Molecular Pharmaceutics</i> , 2016, 13, 2039-2048.	4.6	32
59	Rolling circle amplification as isothermal gene amplification in molecular diagnostics. <i>Biochip Journal</i> , 2016, 10, 262-271.	4.9	49
60	Facilitation of Polymerase Chain Reaction with Poly(ethylene glycol)-Engrafted Graphene Oxide Analogous to a Single-Stranded-DNA Binding Protein. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33521-33528.	8.0	18
61	Label/quencher-free detection of single-nucleotide changes in DNA using isothermal amplification and G-quadruplexes. <i>Analyst</i> , 2016, 141, 6503-6506.	3.5	17
62	Rottlerin induces cyclooxygenase-2 upregulation through an ATF4 and reactive oxygen species-independent pathway in HEI-OC1 cells. <i>Molecular Medicine Reports</i> , 2016, 14, 845-850.	2.4	6
63	Rapid visual identification of PCR amplified nucleic acids by centrifugal gel separation: Potential use for molecular point-of-care tests. <i>Biosensors and Bioelectronics</i> , 2016, 79, 829-834.	10.1	13
64	Fluorometric Detection of MicroRNA Using Isothermal Gene Amplification and Graphene Oxide. <i>Analytical Chemistry</i> , 2016, 88, 2999-3003.	6.5	126
65	PDCD4 is a CSL associated protein with a transcription repressive function in cancer associated fibroblast activation. <i>Oncotarget</i> , 2016, 7, 58717-58727.	1.8	13
66	Cognitive function and activities of daily living in people affected by leprosy: A cross-sectional, population-based, case-control study. <i>Neurology India</i> , 2016, 64, 656.	0.4	3
67	Comparison of Drug Delivery Efficiency between Doxorubicin Intercalated in <sc>RNA</sc> Aptamer and One Encapsulated in <sc>RNA</sc> Aptamer-€Conjugated Liposome. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2494-2500.	1.9	14
68	Withaferin A induces apoptosis through the generation of thiol oxidation in human head and neck cancer cells. <i>International Journal of Molecular Medicine</i> , 2015, 35, 247-252.	4.0	19
69	Facilitated Tau Degradation by USP14 Aptamers via Enhanced Proteasome Activity. <i>Scientific Reports</i> , 2015, 5, 10757.	3.3	48
70	Glucocorticoid Enhances Viability of Human Respiratory Epithelial Cells Inflicted by Ambient Particulate Matter. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1322-1327.	1.9	0
71	Activation of p53 with Ilimaquinone and Ethylsmenoquinone, Marine Sponge Metabolites, Induces Apoptosis and Autophagy in Colon Cancer Cells. <i>Marine Drugs</i> , 2015, 13, 543-557.	4.6	40
72	Simple Detection of the IS6110 Sequence of Mycobacterium tuberculosis Complex in Sputum, Based on PCR with Graphene Oxide. <i>PLoS ONE</i> , 2015, 10, e0136954.	2.5	13

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73	Dual effects of duplex RNA harboring 5'ε ² -terminal triphosphate on gene silencing and RIG-I mediated innate immune response. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 591-597.	2.1	2
74	Proteasome Inhibitors with Pyrazole Scaffolds from Structure-Based Virtual Screening. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2036-2041.	6.4	45
75	6-Shogaol enhances renal carcinoma Caki cells to TRAIL-induced apoptosis through reactive oxygen species-mediated cytochrome c release and down-regulation of c-FLIP(L) expression. <i>Chemico-Biological Interactions</i> , 2015, 228, 69-78.	4.0	28
76	Self-assembled Monolayer Mediated Surface Environment Modification of Poly(vinylpyrrolidone)-Coated Hollow Au@Ag Nanoshells for Enhanced Loading of Hydrophobic Drug and Efficient Multimodal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 12789-12796.	8.0	8
77	Fluorescence-based detection of single-nucleotide changes in RNA using graphene oxide and DNAzyme. <i>Chemical Communications</i> , 2015, 51, 5641-5644.	4.1	26
78	A simple PCR-based fluorometric system for detection of mutant fusion DNAs using a quencher-free fluorescent DNA probe and graphene oxide. <i>Chemical Communications</i> , 2015, 51, 6960-6963.	4.1	23
79	Midbrain infarction presenting with binocular elevation palsies and ptosis. <i>Neurological Sciences</i> , 2015, 36, 1939-1941.	1.9	0
80	On-chip enzymatic assay for chloramphenicol acetyltransferase using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 465-469.	5.0	2
81	Combined CSL and p53 downregulation promotes cancer-associated fibroblast activation. <i>Nature Cell Biology</i> , 2015, 17, 1193-1204.	10.3	170
82	llimaquinone and Ethylsmenoquinone, Marine Sponge Metabolites, Suppress the Proliferation of Multiple Myeloma Cells by Down-Regulating the Level of β ² -Catenin. <i>Marine Drugs</i> , 2014, 12, 3231-3244.	4.6	32
83	BAI, a novel Cdk inhibitor, enhances farnesyltransferase inhibitor LB42708-mediated apoptosis in renal carcinoma cells through the downregulation of Bcl-2 and c-FLIP (L). <i>International Journal of Oncology</i> , 2014, 45, 1680-1690.	3.3	5
84	RNA aptamer-conjugated liposome as an efficient anticancer drug delivery vehicle targeting cancer cells in vivo. <i>Journal of Controlled Release</i> , 2014, 196, 234-242.	9.9	123
85	Detection and quantification of the Bcr/Abl chimeric protein on biochips using LDI-TOF MS. <i>Chemical Communications</i> , 2014, 50, 4831.	4.1	17
86	Mechanism of DNA Adsorption and Desorption on Graphene Oxide. <i>Langmuir</i> , 2014, 30, 12587-12595.	3.5	154
87	Axl is a novel target of withaferin A in the induction of apoptosis and the suppression of invasion. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 455-460.	2.1	16
88	Ursolic acid and its natural derivative corosolic acid suppress the proliferation of APC-mutated colon cancer cells through promotion of β ² -catenin degradation. <i>Food and Chemical Toxicology</i> , 2014, 67, 87-95.	3.6	74
89	Silibinin induces apoptosis of HT29 colon carcinoma cells through early growth response-1 (EGR-1)-mediated non-steroidal anti-inflammatory drug-activated gene-1 (NAG-1) up-regulation. <i>Chemico-Biological Interactions</i> , 2014, 211, 36-43.	4.0	26
90	Facile synthesis of monodispersed silica-coated magnetic nanoparticles. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2646-2649.	5.8	65

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91	An RNA Aptamer That Specifically Binds to the Glycosylated Hemagglutinin of Avian Influenza Virus and Suppresses Viral Infection in Cells. PLoS ONE, 2014, 9, e97574.	2.5	40
92	A graphene oxide-based platform for the assay of RNA synthesis by RNA polymerase using a fluorescent peptide nucleic acid probe. Chemical Communications, 2013, 49, 9203.	4.1	20
93	Deoxyribozyme-loaded nano-graphene oxide for simultaneous sensing and silencing of the hepatitis C virus gene in liver cells. Chemical Communications, 2013, 49, 8241.	4.1	72
94	Gene expression and characterization of thermostable glutamate decarboxylase from Pyrococcus furiosus. Biotechnology and Bioprocess Engineering, 2013, 18, 375-381.	2.6	8
95	Discovery of Hepatitis C Virus NS3 Helicase Inhibitors by a Multiplexed, High-Throughput Helicase Activity Assay Based on Graphene Oxide. Angewandte Chemie - International Edition, 2013, 52, 2340-2344.	13.8	64
96	Retrospective 3D Modeling of RF Coils Using a 3D Tracker for EM Simulation. Concepts in Magnetic Resonance Part B, 2013, 43, 126-132.	0.7	3
97	Quantitative detection of single base mutation by combining PNA hybridization and MALDI-TOF mass analysis. Chemical Communications, 2013, 49, 3754.	4.1	4
98	Two different clinical entities of small vessel occlusion in TOAST classification. Clinical Neurology and Neurosurgery, 2013, 115, 1686-1692.	1.4	6
99	An efficient colorimetric assay for RNA synthesis by viral RNA-dependent RNA polymerases, using thermostable pyrophosphatase. Analytical Biochemistry, 2013, 434, 284-286.	2.4	8
100	Desorption of single-stranded nucleic acids from graphene oxide by disruption of hydrogen bonding. Analyst, The, 2013, 138, 1745.	3.5	111
101	Cleavage of BCR-ABL transcripts at the T315I point mutation by DNAzyme promotes apoptotic cell death in imatinib-resistant BCR-ABL leukemic cells. Leukemia, 2013, 27, 1650-1658.	7.2	15
102	Fast $B_{1\rho}$ mapping based on interleaved $\text{flip}\text{-}\text{angle}$ (ITFA) excitation. Medical Physics, 2013, 40, 112301.	3.0	2
103	A vertical loop array transmit coil for two-channel $B_{1\rho}$ shimming at 3T. Concepts in Magnetic Resonance Part B, 2013, 43, 59-68.	0.7	0
104	Discovery of Hepatitis C Virus NS3 Helicase Inhibitors by a Multiplexed, High-Throughput Helicase Activity Assay Based on Graphene Oxide. Angewandte Chemie, 2013, 125, 2396-2400.	2.0	3
105	Sniffing for Gene-Silencing Efficiency of siRNAs in HeLa Cells in Comparison with That in HEK293T Cells: Correlation Between Knockdown Efficiency and Sustainability of siRNAs Revealed by FRET-Based Probing. Nucleic Acid Therapeutics, 2013, 23, 152-159.	3.6	8
106	Juxtacortical Spots on Fluid-Attenuated Inversion Recovery Images in Cryptogenic Transient Ischemic		

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109	Site-selective Cleavage of RNA at Two Sites by Tandem DNAzyme and its Detection by Mass Spectrometry for Genotyping of SNP. Bulletin of the Korean Chemical Society, 2013, 34, 3543-3544.	1.9	1
110	Antiviral Efficacy of a Short PNA Targeting microRNA-122 Using Galactosylated Cationic Liposome as a Carrier for the Delivery of the PNA-DNA Hybrid to Hepatocytes. Bulletin of the Korean Chemical Society, 2013, 34, 735-742.	1.9	4
111	A Case of Takotsubo Cardiomyopathy due to Submucosal Epinephrine Injection during Endoscopic Sinus Surgery. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2013, 56, 317.	0.2	0
112	Withaferin A Inhibits PMA-Induced MMP-9 Expression in Human Cervical Carcinoma Caski Cells. Journal of Life Science, 2013, 23, 355-360.	0.2	0
113	DNA Binding Analysis of Severe Acute Respiratory Syndrome (SARS) Coronavirus Helicase. Bulletin of the Korean Chemical Society, 2013, 34, 1260-1262.	1.9	0
114	Small molecule-based disruption of the Axin/ β -catenin protein complex regulates mesenchymal stem cell differentiation. Cell Research, 2012, 22, 237-247.	12.0	113
115	Site-specific cleavage of mutant <i>ABL</i> mRNA by DNAzyme is facilitated by peptide nucleic acid binding to RNA substrate. FEBS Letters, 2012, 586, 3865-3869.	2.8	4
116	Development of RNA aptamers for detection of Salmonella Enteritidis. Journal of Microbiological Methods, 2012, 89, 79-82.	1.6	44
117	High-mobility group box-1 protein induces mucin 8 expression through the activation of the JNK and PI3K/Akt signal pathways in human airway epithelial cells. Biochemical and Biophysical Research Communications, 2012, 421, 436-441.	2.1	20
118	Withaferin A inhibits JAK/STAT3 signaling and induces apoptosis of human renal carcinoma Caki cells. Biochemical and Biophysical Research Communications, 2012, 427, 24-29.	2.1	85
119	Characterization of bacteriophage ϕ Pto-bp6g, a novel phage that lyses <i>Pseudomonas tolaasii</i> causing brown blotch disease in mushrooms. Journal of Microbiological Methods, 2012, 91, 514-519.	1.6	14
120	Functional delivery of DNAzyme with iron oxide nanoparticles for hepatitis C virus gene knockdown. Biomaterials, 2012, 33, 2754-2761.	11.4	66
121	Suppression of Hepatitis C Viral Genome Replication with RNA-Cleaving Deoxyribozyme. , 2012, , 429-452.		2
122	Hyperperfusion Syndrome after Carotid Stent-Supported Angioplasty in Patients with Autonomic Dysfunction. Journal of Korean Neurosurgical Society, 2012, 52, 476.	1.2	5
123	Enhanced Tumor-targeted Gene Delivery by Immunolipoplexes Conjugated with the Humanized Anti-TAG-72 Fab' Fragments. Bulletin of the Korean Chemical Society, 2012, 33, 651-656.	1.9	4
124	FRET-based probing to gain direct information on siRNA sustainability in live cells: Asymmetric degradation of siRNA strands. Molecular BioSystems, 2011, 7, 2110.	2.9	29
125	Cloning, characterization and evaluation of potent inhibitors of <i>Shigella sonnei</i> acetohydroxyacid synthase catalytic subunit. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 1825-1831.	2.3	10
126	Selection of an Antiviral RNA Aptamer Against Hemagglutinin of the Subtype H5 Avian Influenza Virus. Nucleic Acid Therapeutics, 2011, 21, 395-402.	3.6	47

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127	2,6-Bis-arylmethoxy-5-hydroxychromones with antiviral activity against both hepatitis C virus (HCV) and SARS-associated coronavirus (SCV). <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5698-5704.	5.5	61
128	Facile Method for Development of Ligand-Patterned Substrates Induced by a Chemical Reaction. <i>Chemistry - A European Journal</i> , 2011, 17, 5804-5807.	3.3	20
129	Detection of single-base mutation in RNA using T4 RNA ligase-based nick-joining or DNAzyme-based nick-generation. <i>Analytical Biochemistry</i> , 2011, 414, 303-305.	2.4	9
130	Galangin Suppresses the Proliferation of β -Catenin Response Transcription-Positive Cancer Cells by Promoting Adenomatous Polyposis Coli/Axin/Glycogen Synthase Kinase-3 β -Independent β -Catenin Degradation. <i>Molecular Pharmacology</i> , 2011, 79, 1014-1022.	2.3	40
131	Validation of Affinity Differences between RNA Aptamers and a Target Protein using MALDI-TOF MS. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 2827-2829.	1.9	1
132	Two Cases of Congenital Vallecular Cyst with Respiratory Distress and Feeding Problems in Young Infant. <i>Korean Journal of Otorhinolaryngology-Head and Neck Surgery</i> , 2011, 54, 646.	0.2	0
133	DNA Helicase Reduces Production of Aberrant Run-off Transcripts during in vitro RNA Synthesis with T7 RNA Polymerase. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 3779-3782.	1.9	0
134	Facilitation of polymerase chain reaction with thermostable inorganic pyrophosphatase from hyperthermophilic archaeon <i>Pyrococcus horikoshii</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 807-812.	3.6	19
135	Two O-methyltransferases from <i>Picea abies</i> : characterization and molecular basis of different reactivity. <i>Planta</i> , 2010, 232, 837-844.	3.2	7
136	A Graphene-Based Platform for the Assay of Duplex DNA Unwinding by Helicase. <i>Angewandte Chemie</i> , 2010, 122, 5839-5843.	2.0	51
137	A Graphene-Based Platform for the Assay of Duplex DNA Unwinding by Helicase. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5703-5707.	13.8	218
138	Synthesis and anti-hepatitis C virus (HCV) activity of 3-C-substituted-methyl pyrimidine and purine nucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4812-4820.	3.0	3
139	3-O-Arylmethylgalangin, a novel isostere for anti-HCV 1,3-diketoacids (DKAs). <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7331-7337.	3.0	7
140	7-O-Arylmethylgalangin as a novel scaffold for anti-HCV agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5709-5712.	2.2	13
141	Apoptotic Cell Imaging Using Phosphatidylserine-Specific Receptor-Conjugated Ru(bpy) ₃ ²⁺ -Doped Silica Nanoparticles. <i>Small</i> , 2010, 6, 1499-1503.	10.0	14
142	Cooperative translocation enhances the unwinding of duplex DNA by SARS coronavirus helicase nsP13. <i>Nucleic Acids Research</i> , 2010, 38, 7626-7636.	14.5	69
143	Characterization of Acetohydroxyacid Synthase I from <i>Escherichia coli</i> K-12 and Identification of Its Inhibitors. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 2281-2286.	1.3	8
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