Ji Hoon Jeong

List of Publications by Year
in descending order

266 papers	9,355 citations	53660 45 h-index	56606 83 g-index
269 all docs	269 docs citations	269 times ranked	12541 citing authors

#	Article	IF	Citations
1	Current status of polymeric gene delivery systemsâ˜†. Advanced Drug Delivery Reviews, 2006, 58, 467-486.	6.6	912
2	Enhanced extraction of bioactive natural products using tailor-made deep eutectic solvents: application to flavonoid extraction from Flos sophorae. Green Chemistry, 2015, 17, 1718-1727.	4.6	361
3	Local and systemic delivery of VEGF siRNA using polyelectrolyte complex micelles for effective treatment of cancer. Journal of Controlled Release, 2008, 129, 107-116.	4.8	343
4	Role of oxidative stress in epileptic seizures. Neurochemistry International, 2011, 59, 122-137.	1.9	335
5	siRNA Conjugate Delivery Systems. Bioconjugate Chemistry, 2009, 20, 5-14.	1.8	300
6	Molecular design of functional polymers for gene therapy. Progress in Polymer Science, 2007, 32, 1239-1274.	11.8	243
7	Tailoring and recycling of deep eutectic solvents as sustainable and efficient extraction media. Journal of Chromatography A, 2015, 1424, 10-17.	1.8	156
8	Extra-Large Pore Mesoporous Silica Nanoparticles Enabling Co-Delivery of High Amounts of Protein Antigen and Toll-like Receptor 9 Agonist for Enhanced Cancer Vaccine Efficacy. ACS Central Science, 2018, 4, 484-492.	5.3	146
9	Smart vaccine delivery based on microneedle arrays decorated with ultra-pH-responsive copolymers for cancer immunotherapy. Biomaterials, 2018, 185, 13-24.	5.7	142
10	pH triggered inÂvivo photothermal therapy and fluorescence nanoplatform of cancer based on responsive polymer-indocyanine green integrated reduced graphene oxide. Biomaterials, 2015, 61, 229-238.	5.7	135
11	Enhanced Cancer Vaccination by In Situ Nanomicelle-Generating Dissolving Microneedles. ACS Nano, 2018, 12, 9702-9713.	7.3	127
12	Cancer-targeted MDR-1 siRNA delivery using self-cross-linked glycol chitosan nanoparticles to overcome drug resistance. Journal of Controlled Release, 2015, 198, 1-9.	4.8	117
13	Target-specific delivery of siRNA by stabilized calcium phosphate nanoparticles using dopaâ€“hyaluronic acid conjugate. Journal of Controlled Release, 2014, 192, 122-130.	4.8	115
14	Beneficial effects of phosphatidylcholine on high-fat diet-induced obesity, hyperlipidemia and fatty liver in mice. Life Sciences, 2014, 118, 7-14.	2.0	99
15	METRNL attenuates lipid-induced inflammation and insulin resistance via AMPK or PPARÎ´-dependent pathways in skeletal muscle of mice. Experimental and Molecular Medicine, 2018, 50, 1-11.	3.2	97
16	Asprosin impairs insulin secretion in response to glucose and viability through TLR4/JNK-mediated inflammation. Molecular and Cellular Endocrinology, 2019, 486, 96-104.	1.6	92
17	Microneedle arrays coated with charge reversal pH-sensitive copolymers improve antigen presenting cells-homing DNA vaccine delivery and immune responses. Journal of Controlled Release, 2018, 269, 225-234.	4.8	90
18	Bioinspired pH- and Temperature-Responsive Injectable Adhesive Hydrogels with Polyplexes Promotes Skin Wound Healing. Biomacromolecules, 2018, 19, 3536-3548.	2.6	89

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19	VEGF siRNA Delivery System Using Arginine-Grafted Bioreducible Poly(disulfide amine). Molecular Pharmaceutics, 2009, 6, 718-726.	2.3	87
20	Hyaluronan nanoparticles bearing Î³-secretase inhibitor: In vivo therapeutic effects on rheumatoid arthritis. Journal of Controlled Release, 2014, 192, 295-300.	4.8	85
21	Polyplex-releasing microneedles for enhanced cutaneous delivery of DNA vaccine. Journal of Controlled Release, 2014, 179, 11-17.	4.8	83
22	Functionalized biocompatible WO3 nanoparticles for triggered and targeted in vitro and in vivo photothermal therapy. Journal of Controlled Release, 2015, 217, 211-220.	4.8	79
23	Degradation-regulated architecture of injectable smart hydrogels enhances humoral immune response and potentiates antitumor activity in human lung carcinoma. Biomaterials, 2020, 230, 119599.	5.7	79
24	Current understanding of methamphetamine-associated dopaminergic neurodegeneration and psychotoxic behaviors. Archives of Pharmacal Research, 2017, 40, 403-428.	2.7	77
25	Co-delivery of VEGF and Bcl-2 dual-targeted siRNA polymer using a single nanoparticle for synergistic anti-cancer effects in vivo. Journal of Controlled Release, 2015, 220, 631-641.	4.8	76
26	Apocynin prevents mitochondrial burdens, microglial activation, and pro-apoptosis induced by a toxic dose of methamphetamine in the striatum of mice via inhibition of p47phox activation by ERK. Journal of Neuroinflammation, 2016, 13, 12.	3.1	75
27	MSC-based VEGF gene therapy in rat myocardial infarction model using facial amphipathic bile acid-conjugated polyethyleneimine. Biomaterials, 2014, 35, 1744-1754.	5.7	73
28	Separable Microneedle Patch to Protect and Deliver DNA Nanovaccines Against COVID-19. ACS Nano, 2021, 15, 14347-14359.	7.3	73
29	A Biodegradation Study of SBA-15 Microparticles in Simulated Body Fluid and in Vivo. Langmuir, 2015, 31, 6457-6462.	1.6	69
30	Asprosin attenuates insulin signaling pathway through PKCÎ´â€activated ER stress and inflammation in skeletal muscle. Journal of Cellular Physiology, 2019, 234, 20888-20899.	2.0	69
31	In Vitro and In Vivo Tumor Targeted Photothermal Cancer Therapy Using Functionalized Graphene Nanoparticles. Biomacromolecules, 2015, 16, 3519-3529.	2.6	68
32	Maresin 1 attenuates NAFLD by suppression of endoplasmic reticulum stress via AMPKâ€“SERCA2b pathway. Journal of Biological Chemistry, 2018, 293, 3981-3988.	1.6	68
33	Inactivation of JAK2/STAT3 Signaling Axis and Downregulation of M1 mAChR Cause Cognitive Impairment in klotho Mutant Mice, a Genetic Model of Aging. Neuropsychopharmacology, 2013, 38, 1426-1437.	2.8	65
34	Role of Mitochondria in Methamphetamine-Induced Dopaminergic Neurotoxicity: Involvement in Oxidative Stress, Neuroinflammation, and Pro-apoptosisâ€”A Review. Neurochemical Research, 2018, 43, 66-78.	1.6	63
35	Supertough Hybrid Hydrogels Consisting of a Polymer Doubleâ€Network and Mesoporous Silica Microrods for Mechanically Stimulated Onâ€Demand Drug Delivery. Advanced Functional Materials, 2017, 27, 1703826.	7.8	60
36	Protective potential of IL-6 against trimethyltin-induced neurotoxicity in vivo. Free Radical Biology and Medicine, 2012, 52, 1159-1174.	1.3	58

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37	The Future of Biosimilars: Maximizing Benefits Across Immune-Mediated Inflammatory Diseases. Drugs, 2020, 80, 99-113.	4.9	58
38	Liposomal melatonin rescues methamphetamineâ€elicited mitochondrial burdens, proâ€apoptosis, and dopaminergic degeneration through the inhibition PKCÎ´ gene. Journal of Pineal Research, 2015, 58, 86-106.	3.4	55
39	Sustained Exosomeâ€Guided Macrophage Polarization Using Hydrolytically Degradable PEG Hydrogels for Cutaneous Wound Healing: Identification of Key Proteins and MiRNAs, and Sustained Release Formulation. Small, 2022, 18, e2200060.	5.2	54
40	Epigallocatechin 3-gallate attenuates neuronal damage induced by 3-hydroxykynurenine. Toxicology, 2004, 195, 53-60.	2.0	53
41	Self-Assembled and Nanostructured siRNA Delivery Systems. Pharmaceutical Research, 2011, 28, 2072-2085.	1.7	51
42	Ginsenoside Re protects methamphetamineâ€induced mitochondrial burdens and proapoptosis via genetic inhibition of protein kinase C Î´ in human neuroblastoma dopaminergic SHâ€SY5Y cell lines. Journal of Applied Toxicology, 2015, 35, 927-944.	1.4	50
43	Highly potent intradermal vaccination by an array of dissolving microneedle polypeptide cocktails for cancer immunotherapy. Journal of Materials Chemistry B, 2020, 8, 1171-1181.	2.9	50
44	Contents of chlorogenic acids and caffeine in various coffee-related products. Journal of Advanced Research, 2019, 17, 85-94.	4.4	49
45	Folate decorated hollow spheres of microporous organic networks as drug delivery materials. Chemical Communications, 2018, 54, 3652-3655.	2.2	48
46	Development and validation of modified QuEChERS method coupled with LCâ€“MS/MS for simultaneous determination of cymiazole, fipronil, coumaphos, fluvalinate, amitraz, and its metabolite in various types of honey and royal jelly. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1072, 60-69.	1.2	47
47	Kainate-induced mitochondrial oxidative stress contributes to hippocampal degeneration in senescence-accelerated mice. Cellular Signalling, 2008, 20, 645-658.	1.7	45
48	Anti-apoptotic cardioprotective effects of SHP-1 gene silencing against ischemiaâ€“reperfusion injury: Use of deoxycholic acid-modified low molecular weight polyethyleneimine as a cardiac siRNA-carrier. Journal of Controlled Release, 2013, 168, 125-134.	4.8	45
49	Enhanced therapeutic efficacy of an adenovirus-PEI-bile-acid complex in tumors with low coxsackie and adenovirus receptor expression. Biomaterials, 2014, 35, 5505-5516.	5.7	45
50	Protein kinase Cδ mediates trimethyltin-induced neurotoxicity in mice in vivo via inhibition of glutathione defense mechanism. Archives of Toxicology, 2016, 90, 937-953.	1.9	45
51	Modularly engineered injectable hybrid hydrogels based on protein-polymer network as potent immunologic adjuvant in vivo. Biomaterials, 2019, 195, 100-110.	5.7	45
52	Cell-penetrating peptide mimicking polymer-based combined delivery of paclitaxel and siRNA for enhanced tumor growth suppression. International Journal of Pharmaceutics, 2012, 434, 488-493.	2.6	43
53	Stabilized calcium phosphate nano-aggregates using a dopa-chitosan conjugate for gene delivery. International Journal of Pharmaceutics, 2013, 445, 196-202.	2.6	43
54	Trichloroethylene and Parkinsonâ€™s Disease: Risk Assessment. Molecular Neurobiology, 2018, 55, 6201-6214.	1.9	42

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55	Triple-, Double-, and Single-Shelled Hollow Spheres of Sulfonated Microporous Organic Network as Drug Delivery Materials. Chemistry of Materials, 2019, 31, 300-304.	3.2	42
56	Effect of metformin/irinotecan-loaded poly-lactic-co-glycolic acid nanoparticles on glioblastoma: in vitro and in vivo studies. Nanomedicine, 2018, 13, 1595-1606.	1.7	41
57	Hyperlipidemia-induced hepassocin in the liver contributes to insulin resistance in skeletal muscle. Molecular and Cellular Endocrinology, 2018, 470, 26-33.	1.6	40
58	Enhanced Cancer DNA Vaccine via Direct Transfection to Host Dendritic Cells Recruited in Injectable Scaffolds. ACS Nano, 2020, 14, 11623-11636.	7.3	40
59	Energyâ€Independent Intracellular Gene Delivery Mediated by Polymeric Biomimetics of Cellâ€Penetrating Peptides. Macromolecular Bioscience, 2011, 11, 1169-1174.	2.1	38
60	Cardiac RNAi therapy using RAGE siRNA/deoxycholic acid-modified polyethylenimine complexes for myocardial infarction. Biomaterials, 2014, 35, 7562-7573.	5.7	38
61	N-Methyl, N-propynyl-2-phenylethylamine (MPPE), a Selegiline Analog, Attenuates MPTP-induced Dopaminergic Toxicity with Guaranteed Behavioral Safety: Involvement of Inhibitions of Mitochondrial Oxidative Burdens and p53 Gene-elicited Pro-apoptotic Change. Molecular Neurobiology, 2016, 53, 6251-6269.	1.9	38
62	Facial amphipathic deoxycholic acid-modified polyethyleneimine for efficient MMP-2 siRNA delivery in vascular smooth muscle cells. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 81, 14-23.	2.0	37
63	Melatonin Attenuates Memory Impairment Induced by Klotho Gene Deficiency Via Interactive Signaling Between MT2 Receptor, ERK, and Nrf2-Related Antioxidant Potential. International Journal of Neuropsychopharmacology, 2015, 18, .	1.0	37
64	Protective effects of phosphatidylcholine on oxaliplatin-induced neuropathy in rats. Life Sciences, 2015, 130, 81-87.	2.0	37
65	LECT2 promotes inflammation and insulin resistance in adipocytes via P38 pathways. Journal of Molecular Endocrinology, 2018, 61, 37-45.	1.1	37
66	PKCÎ´-dependent p47phox activation mediates methamphetamine-induced dopaminergic neurotoxicity. Free Radical Biology and Medicine, 2018, 115, 318-337.	1.3	36
67	Protection against kainate neurotoxicity by ginsenosides: Attenuation of convulsive behavior, mitochondrial dysfunction, and oxidative stress. Journal of Neuroscience Research, 2009, 87, 710-722.	1.3	35
68	Protective Potential of the Glutathione Peroxidase-1 Gene in Abnormal Behaviors Induced by Phencyclidine in Mice. Molecular Neurobiology, 2017, 54, 7042-7062.	1.9	34
69	Protectin DX Ameliorates Hepatic Steatosis by Suppression of Endoplasmic Reticulum Stress via AMPK-Induced ORP150 Expression. Journal of Pharmacology and Experimental Therapeutics, 2018, 365, 485-493.	1.3	34
70	IL-6 attenuates trimethyltin-induced cognitive dysfunction via activation of JAK2/STAT3, M1 mAChR and ERK signaling network. Cellular Signalling, 2013, 25, 1348-1360.	1.7	33
71	Anti-inflammatory Effects of Flavonoids on TNBS-induced Colitis of Rats. Korean Journal of Physiology and Pharmacology, 2015, 19, 43.	0.6	33
72	Analytical approach, dissipation pattern and risk assessment of pesticide residue in green leafy vegetables: A comprehensive review. Biomedical Chromatography, 2018, 32, e4134.	0.8	33

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73	Reducible Poly(amido ethylenimine)-Based Gene Delivery System for Improved Nucleus Trafficking of Plasmid DNA. Bioconjugate Chemistry, 2010, 21, 296-301.	1.8	32
74	Development of microRNA-21 mimic nanocarriers for the treatment of cutaneous wounds. Theranostics, 2020, 10, 3240-3253.	4.6	32
75	Non-viral systemic delivery of Fas siRNA suppresses cyclophosphamide-induced diabetes in NOD mice. Journal of Controlled Release, 2010, 143, 88-94.	4.8	31
76	Beneficial Effects of Red Yeast Rice on High-Fat Diet-Induced Obesity, Hyperlipidemia, and Fatty Liver in Mice. Journal of Medicinal Food, 2015, 18, 1095-1102.	0.8	31
77	Endogenous metabolite, kynurenic acid, attenuates nonalcoholic fatty liver disease via AMPK/autophagyâ€•and AMPK/ORP150â€mediated signaling. Journal of Cellular Physiology, 2021, 236, 4902-4912.	2.0	31
78	Glutathione peroxidase-1 and neuromodulation: Novel potentials of an old enzyme. Food and Chemical Toxicology, 2021, 148, 111945.	1.8	31
79	Liquid chromatographyâ€“tandem mass spectrometry quantification of acetamiprid and thiacloprid residues in butterbur grown under regulated conditions. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1055-1056, 172-177.	1.2	30
80	Flavone polyphenols dominate in Thymus schimperi Ronniger : LCâ€“ESIâ€“MS/MS characterization and study of anti-proliferative effects of plant extract on AGS and HepG2 cancer cells. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1053, 1-8.	1.2	30
81	Carbohydrate-Functionalized rGO as an Effective Cancer Vaccine for Stimulating Antigen-Specific Cytotoxic T Cells and Inhibiting Tumor Growth. Chemistry of Materials, 2017, 29, 6883-6892.	3.2	30
82	Extremely low frequency magnetic field induces hyperalgesia in mice modulated by nitric oxide synthesis. Life Sciences, 2006, 78, 1407-1412.	2.0	29
83	Therapeutic effect of apatinib-loaded nanoparticles on diabetes-induced retinal vascular leakage. International Journal of Nanomedicine, 2016, Volume 11, 3101-3109.	3.3	29
84	Injectable Macroporous Ferrogel Microbeads with a High Structural Stability for Magnetically Actuated Drug Delivery. ACS Applied Materials & Interfaces, 2017, 9, 31372-31380.	4.0	29
85	Synthesis and self-assembly behavior of novel polyaspartamide derivatives for anti-tumor drug delivery. Colloid and Polymer Science, 2011, 289, 63-71.	1.0	28
86	Protectin DX ameliorates palmitate- or high-fat diet-induced insulin resistance and inflammation through an AMPK-PPARÎ±-dependent pathway in mice. Scientific Reports, 2017, 7, 1397.	1.6	28
87	Self-assembled PEGylated albumin nanoparticles (SPAN) as a platform for cancer chemotherapy and imaging. Drug Delivery, 2018, 25, 1570-1578.	2.5	28
88	Ginsenoside Rb2 Ameliorates LPS-Induced Inflammation and ER Stress in HUVECs and THP-1 Cells via the AMPK-Mediated Pathway. The American Journal of Chinese Medicine, 2020, 48, 967-985.	1.5	28
89	Platelet-activating factor receptor knockout mice are protected from MPTP-induced dopaminergic degeneration. Neurochemistry International, 2013, 63, 121-132.	1.9	27
90	Method development, matrix effect, and risk assessment of 49 multiclass pesticides in kiwifruit using liquid chromatography coupled to tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1076, 130-138.	1.2	27

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91	Maresin 1 attenuates pro-inflammatory reactions and ER stress in HUVECs via PPARÎ±-mediated pathway. Molecular and Cellular Biochemistry, 2018, 448, 335-347.	1.4	26
92	Ginsenoside Re protects methamphetamine-induced dopaminergic neurotoxicity in mice via upregulation of dynorphin-mediated Î¹-opioid receptor and downregulation of substance P-mediated neurokinin 1 receptor. Journal of Neuroinflammation, 2018, 15, 52.	3.1	26
93	Exposure to Extremely Low Frequency Magnetic Fields Enhances Locomotor Activity via Activation of Dopamine D1-Like Receptors in Mice. Journal of Pharmacological Sciences, 2007, 105, 367-371.	1.1	25
94	Protein Kinase CÎ´ Gene Depletion Protects Against Methamphetamine-Induced Impairments in Recognition Memory and ERK1/2 Signaling via Upregulation of Glutathione Peroxidase-1 Gene. Molecular Neurobiology, 2018, 55, 4136-4159.	1.9	25
95	Synergistic anti-tumor effects of bevacizumab and tumor targeted polymerized VEGF siRNA nanoparticles. Biochemical and Biophysical Research Communications, 2017, 489, 35-41.	1.0	25
96	Genetic or pharmacological depletion of cannabinoid CB1 receptor protects against dopaminergic neurotoxicity induced by methamphetamine in mice. Free Radical Biology and Medicine, 2017, 108, 204-224.	1.3	25
97	Ginsenoside Re Protects Trimethyltin-Induced Neurotoxicity via Activation of IL-6-Mediated Phosphoinositol 3-Kinase/Akt Signaling in Mice. Neurochemical Research, 2017, 42, 3125-3139.	1.6	25
98	YY-1224, a terpene trilactone-strengthened Ginkgo biloba, attenuates neurodegenerative changes induced by Î²-amyloid (1-42) or double transgenic overexpression of APP and PS1 via inhibition of cyclooxygenase-2. Journal of Neuroinflammation, 2017, 14, 94.	3.1	25
99	Exposure to far-infrared rays attenuates methamphetamine-induced recognition memory impairment via modulation of the muscarinic M1 receptor, Nrf2, and PKC. Neurochemistry International, 2018, 116, 63-76.	1.9	25
100	Natural deep eutectic solvents as a storage medium for human interferon-Î±2: a green and improved strategy for room-temperature biologics. Journal of Industrial and Engineering Chemistry, 2018, 65, 343-348.	2.9	25
101	Phosphatidylcholine induces apoptosis of 3T3-L1 adipocytes. Journal of Biomedical Science, 2011, 18, 91.	2.6	24
102	Protectin DX suppresses hepatic gluconeogenesis through AMPK-HO-1-mediated inhibition of ER stress. Cellular Signalling, 2017, 34, 133-140.	1.7	24
103	WISP1 promotes nonâ€alcoholic fatty liver disease and skeletal muscle insulin resistance via TLR4/JNK signaling. Journal of Cellular Physiology, 2018, 233, 6077-6087.	2.0	24
104	Protectin DX attenuates LPS-induced inflammation and insulin resistance in adipocytes via AMPK-mediated suppression of the NF-Î¹B pathway. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E543-E551.	1.8	24
105	Humanin attenuates palmitate-induced hepatic lipid accumulation and insulin resistance via AMPK-mediated suppression of the mTOR pathway. Biochemical and Biophysical Research Communications, 2020, 526, 539-545.	1.0	24
106	Enhanced Transfection of Human Mesenchymal Stem Cells Using a Hyaluronic Acid/Calcium Phosphate Hybrid Gene Delivery System. Polymers, 2019, 11, 798.	2.0	23
107	A modified QuEChERS method coupled with liquid chromatography-tandem mass spectrometry for the simultaneous detection and quantification of scopolamine, L-hyoscyamine, and sparteine residues in animal-derived food products. Journal of Advanced Research, 2019, 15, 95-102.	4.4	23
108	Ginsenosides attenuate kainic acid-induced synaptosomal oxidative stress via stimulation of adenosine A2A receptors in rat hippocampus. Behavioural Brain Research, 2009, 197, 239-245.	1.2	22

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109	Hyaluronic Acid-siRNA Conjugate/Reducible Polyethylenimine Complexes for Targeted siRNA Delivery. Journal of Nanoscience and Nanotechnology, 2014, 14, 7388-7394.	0.9	22
110	The role of phosphatidylcholine and deoxycholic acid in inflammation. Life Sciences, 2014, 108, 88-93.	2.0	22
111	Repeated exposure to far infrared ray attenuates acute restraint stress in mice via inhibition of JAK2/STAT3 signaling pathway by induction of glutathione peroxidase-1. Neurochemistry International, 2016, 94, 9-22.	1.9	22
112	PKCÎ´ knockout mice are protected from para-methoxymethamphetamine-induced mitochondrial stress and associated neurotoxicity in the striatum of mice. Neurochemistry International, 2016, 100, 146-158.	1.9	22
113	Ginsenoside Re protects against phencyclidine-induced behavioral changes and mitochondrial dysfunction via interactive modulation of glutathione peroxidase-1 and NADPH oxidase in the dorsolateral cortex of mice. Food and Chemical Toxicology, 2017, 110, 300-315.	1.8	22
114	Exposure to farâ€infrared ray attenuates methamphetamineâ€induced impairment in recognition memory through inhibition of protein kinase C Î´ in male mice: Comparison with the antipsychotic clozapine. Journal of Neuroscience Research, 2018, 96, 1294-1310.	1.3	22
115	Administration of kynurenic acid reduces hyperlipidemia-induced inflammation and insulin resistance in skeletal muscle and adipocytes. Molecular and Cellular Endocrinology, 2020, 518, 110928.	1.6	22
116	Toxico-metabolomics study of a deep eutectic solvent comprising choline chloride and urea suggests in vivo toxicity involving oxidative stress and ammonia stress. Green Chemistry, 2021, 23, 1300-1311.	4.6	22
117	YY162 prevents ADHD-like behavioral side effects and cytotoxicity induced by Aroclor1254 via interactive signaling between antioxidant potential, BDNF/TrkB, DAT and NET. Food and Chemical Toxicology, 2014, 65, 280-292.	1.8	21
118	Signal enhancement strategy for a micro-arrayed polydiacetylene (PDA) immunosensor using enzyme-catalyzed precipitation. Biosensors and Bioelectronics, 2014, 61, 314-320.	5.3	21
119	Simultaneous regulation of apoptotic gene silencing and angiogenic gene expression for myocardial infarction therapy: Single-carrier delivery of SHP-1 siRNA and VEGF-expressing pDNA. Journal of Controlled Release, 2016, 243, 182-194.	4.8	21
120	Extremely lowâ€frequency electromagnetic field exposure enhances inflammatory response and inhibits effect of antioxidant in RAW 264.7 cells. Bioelectromagnetics, 2017, 38, 374-385.	0.9	21
121	A quick and effective methodology for analyzing dinotefuran and its highly polar metabolites in plum using liquid chromatography-tandem mass spectrometry. Food Chemistry, 2018, 239, 1235-1243.	4.2	21
122	RAGE siRNA-mediated gene silencing provides cardioprotection against ventricular arrhythmias in acute ischemia and reperfusion. Journal of Controlled Release, 2015, 217, 315-326.	4.8	20
123	Apatinib-loaded nanoparticles suppress vascular endothelial growth factor-induced angiogenesis and experimental corneal neovascularization. International Journal of Nanomedicine, 2017, Volume 12, 4813-4822.	3.3	20
124	Phosphatidylcholine attenuated docetaxel-induced peripheral neurotoxicity in rats. Drug and Chemical Toxicology, 2018, 41, 476-485.	1.2	20
125	Genetic overexpression of glutathione peroxidase-1 attenuates microcystin-leucine-arginine-induced memory impairment in mice. Neurochemistry International, 2018, 118, 152-165.	1.9	20
126	Aspirin Improves Nonalcoholic Fatty Liver Disease and Atherosclerosis through Regulation of the PPARÎ´-AMPK-PGC-1Î±Pathway in Dyslipidemic Conditions. BioMed Research International, 2020, 2020, 1-17.	0.9	20

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127	Meteorin-like protein (METRNL)/IL-41 improves LPS-induced inflammatory responses via AMPK or PPARÎâ€“mediated signaling pathways. Advances in Medical Sciences, 2021, 66, 155-161.	0.9	20
128	Self-crosslinked polyethylenimine nanogels for enhanced intracellular delivery of siRNA. Macromolecular Research, 2011, 19, 166-171.	1.0	19
129	Pectin Micro- and Nano-capsules of Retinyl Palmitate as Cosmeceutical Carriers for Stabilized Skin Transport. Korean Journal of Physiology and Pharmacology, 2015, 19, 59.	0.6	19
130	Protective effect of ultrasonication-processed ginseng berry extract on the D-galactosamine/lipopolysaccharide-induced liver injury model in rats. Journal of Ginseng Research, 2018, 42, 540-548.	3.0	19
131	Ceruloplasmin is an endogenous protectant against kainate neurotoxicity. Free Radical Biology and Medicine, 2015, 84, 355-372.	1.3	18
132	Significance of protein kinase C in the neuropsychotoxicity induced by methamphetamine-like psychostimulants. Neurochemistry International, 2019, 124, 162-170.	1.9	18
133	DEL-1 ameliorates high-fat diet-induced insulin resistance in mouse skeletal muscle through SIRT1/SERCA2-mediated ER stress suppression. Biochemical Pharmacology, 2020, 171, 113730.	2.0	18
134	Valdecoxib improves lipid-induced skeletal muscle insulin resistance via simultaneous suppression of inflammation and endoplasmic reticulum stress. Biochemical Pharmacology, 2021, 188, 114557.	2.0	18
135	Dextromethorphan-induced psychotoxic behaviors cause sexual dysfunction in male mice via stimulation of Ïƒ-1 receptors. Neurochemistry International, 2012, 61, 913-922.	1.9	17
136	Mountain-Cultivated Ginseng Attenuates Phencyclidine-Induced Abnormal Behaviors in Mice by Positive Modulation of Glutathione in the Prefrontal Cortex of Mice. Journal of Medicinal Food, 2016, 19, 961-969.	0.8	17
137	Exposure to Far Infrared Ray Protects Methamphetamine-Induced Behavioral Sensitization in Glutathione Peroxidase-1 Knockout Mice via Attenuating Mitochondrial Burdens and Dopamine D1 Receptor Activation. Neurochemical Research, 2018, 43, 1118-1135.	1.6	17
138	Phosphatidylcholine Causes Lipolysis and Apoptosis in Adipocytes through the Tumor Necrosis Factor Alpha-Dependent Pathway. Pharmacology, 2018, 101, 111-119.	0.9	17
139	Blockade of platelet-activating factor receptor attenuates abnormal behaviors induced by phencyclidine in mice through down-regulation of NF-ÎºB. Brain Research Bulletin, 2018, 137, 71-78.	1.4	17
140	Smart pH-Responsive Nanocube-Controlled Delivery of DNA Vaccine and Chemotherapeutic Drugs for Chemoimmunotherapy. ACS Applied Materials & Interfaces, 2019, 11, 13058-13068.	4.0	17
141	Glutathione Peroxidase-1 Knockout Facilitates Memory Impairment Induced by Î²-Amyloid (1â€“42) in Mice via Inhibition of PKC Î²II-Mediated ERK Signaling; Application with Glutathione Peroxidase-1 Gene-Encoded Adenovirus Vector. Neurochemical Research, 2020, 45, 2991-3002.	1.6	17
142	Innovative approaches to biologic development on the trail of CT-P13: biosimilars, value-added medicines, and biobetters. MAbs, 2021, 13, 1868078.	2.6	17
143	Patchouli alcohol ameliorates skeletal muscle insulin resistance and NAFLD via AMPK/SIRT1-mediated suppression of inflammation. Molecular and Cellular Endocrinology, 2021, 538, 111464.	1.6	17
144	Polyethylenimine-g-poly(lactic-co-glycolic acid) as non-toxic micelle-type carrier for gene delivery. Macromolecular Research, 2011, 19, 688-693.	1.0	16

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145	Combined Delivery of a Lipopolysaccharideâ€Binding Peptide and the Heme Oxygenaseâ€1 Gene Using Deoxycholic Acidâ€Conjugated Polyethylenimine for the Treatment of Acute Lung Injury. Macromolecular Bioscience, 2017, 17, 1600490.	2.1	16
146	The role of system Xc â^' in methamphetamine-induced dopaminergic neurotoxicity in mice. Neurochemistry International, 2017, 108, 254-265.	1.9	16
147	Treatment with Mountain-Cultivated Ginseng Alleviates Trimethyltin-Induced Cognitive Impairments in Mice via IL-6-Dependent JAK2/STAT3/ERK Signaling. Planta Medica, 2017, 83, 1342-1350.	0.7	16
148	Targeted cellular delivery of robust enzyme nanoparticles for the treatment of drug-induced hepatotoxicity and liver injury. Acta Biomaterialia, 2018, 81, 231-241.	4.1	16
149	Role of protein kinase CÎ´ in dopaminergic neurotoxic events. Food and Chemical Toxicology, 2018, 121, 254-261.	1.8	16
150	Dualâ€Responsive Carbon Dot for pH/Redoxâ€Triggered Fluorescence Imaging with Controllable Photothermal Ablation Therapy of Cancer. ChemMedChem, 2018, 13, 1459-1468.	1.6	16
151	Glutathione peroxidaseâ€1 overexpressing transgenic mice are protected from neurotoxicity induced by microcystinâ€leucineâ€arginine. Environmental Toxicology, 2018, 33, 1019-1028.	2.1	16
152	Simultaneous delivery of DNA vaccine and hydrophobic adjuvant using reducible polyethylenimine-functionalized graphene oxide for activation of dendritic cells. Journal of Industrial and Engineering Chemistry, 2019, 80, 870-876.	2.9	16
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