

Kun-Ju Lin

List of Publications by Year in descending order

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188
papers

6,900
citations

57631

44
h-index

76769

74
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201
all docs

201
docs citations

201
times ranked

10130
citing authors

#	ARTICLE	IF	CITATIONS
1	An Implantable Depot That Can Generate Oxygen in Situ for Overcoming Hypoxia-Induced Resistance to Anticancer Drugs in Chemotherapy. <i>Journal of the American Chemical Society</i> , 2016, 138, 5222-5225.	6.6	311
2	Enteric-coated capsules filled with freeze-dried chitosan/poly(β -glutamic acid) nanoparticles for oral insulin delivery. <i>Biomaterials</i> , 2010, 31, 3384-3394.	5.7	255
3	Opening of Epithelial Tight Junctions and Enhancement of Paracellular Permeation by Chitosan: Microscopic, Ultrastructural, and Computed-Tomographic Observations. <i>Molecular Pharmaceutics</i> , 2012, 9, 1271-1279.	2.3	194
4	Protease inhibition and absorption enhancement by functional nanoparticles for effective oral insulin delivery. <i>Biomaterials</i> , 2012, 33, 2801-2811.	5.7	178
5	Biodistribution, pharmacodynamics and pharmacokinetics of insulin analogues in a rat model: Oral delivery using pH-Responsive nanoparticles vs. subcutaneous injection. <i>Biomaterials</i> , 2010, 31, 6849-6858.	5.7	172
6	A pH-Responsive Carrier System that Generates NO Bubbles to Trigger Drug Release and Reverse P-glycoprotein-Mediated Multidrug Resistance. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9890-9893.	7.2	162
7	Hyperthermia-Mediated Local Drug Delivery by a Bubble-Generating Liposomal System for Tumor-Specific Chemotherapy. <i>ACS Nano</i> , 2014, 8, 5105-5115.	7.3	160
8	(G2019S) LRRK2 activates MKK4-JNK pathway and causes degeneration of SN dopaminergic neurons in a transgenic mouse model of PD. <i>Cell Death and Differentiation</i> , 2012, 19, 1623-1633.	5.0	152
9	EGFR conjugated PEGylated nanographene oxide for targeted chemotherapy and photothermal therapy. <i>Biomaterials</i> , 2013, 34, 7204-7214.	5.7	133
10	Effects of chitosan-nanoparticle-mediated tight junction opening on the oral absorption of endotoxins. <i>Biomaterials</i> , 2011, 32, 8712-8721.	5.7	127
11	An AS1411 aptamer-conjugated liposomal system containing a bubble-generating agent for tumor-specific chemotherapy that overcomes multidrug resistance. <i>Journal of Controlled Release</i> , 2015, 208, 42-51.	4.8	119
12	Osteogenic differentiation of adipose-derived stem cells and calvarial defect repair using baculovirus-mediated co-expression of BMP-2 and miR-148b. <i>Biomaterials</i> , 2014, 35, 4901-4910.	5.7	118
13	Whole-body biodistribution and brain PET imaging with [^{18}F]AV-45, a novel amyloid imaging agent – a pilot study. <i>Nuclear Medicine and Biology</i> , 2010, 37, 497-508.	0.3	116
14	The characteristics, biodistribution and bioavailability of a chitosan-based nanoparticulate system for the oral delivery of heparin. <i>Biomaterials</i> , 2009, 30, 6629-6637.	5.7	106
15	Correlation of early-phase ^{18}F -florbetapir (AV-45/Amyvid) PET images to FDG images: preliminary studies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 613-620.	3.3	106
16	Self-Assembled pH-Sensitive Nanoparticles: A Platform for Oral Delivery of Protein Drugs. <i>Advanced Functional Materials</i> , 2010, 20, 3695-3700.	7.8	104
17	The glucose-lowering potential of exendin-4 orally delivered via a pH-sensitive nanoparticle vehicle and effects on subsequent insulin secretion in vivo. <i>Biomaterials</i> , 2011, 32, 2673-2682.	5.7	103
18	Correlation of Parkinson Disease Severity and ^{18}F -DTBZ Positron Emission Tomography. <i>JAMA Neurology</i> , 2014, 71, 758.	4.5	100

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19	Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. <i>JAMA Neurology</i> , 2022, 79, 228.	4.5	97
20	Nasopharyngeal carcinoma staging by (18)F-fluorodeoxyglucose positron emission tomography. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 62, 501-507.	0.4	96
21	Increased brain amyloid deposition in patients with a lifetime history of major depression: evidenced on 18F-florbetapir (AV-45/Amyvid) positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 714-722.	3.3	95
22	Photothermal tumor ablation in mice with repeated therapy sessions using NIR-absorbing micellar hydrogels formed in situ. <i>Biomaterials</i> , 2015, 56, 26-35.	5.7	93
23	The characteristics, biodistribution, magnetic resonance imaging and biodegradability of superparamagnetic core-shell nanoparticles. <i>Biomaterials</i> , 2010, 31, 1316-1324.	5.7	87
24	The use of ASCs engineered to express BMP2 or TGF- β 3 within scaffold constructs to promote calvarial bone repair. <i>Biomaterials</i> , 2013, 34, 9401-9412.	5.7	85
25	The healing of critical-sized femoral segmental bone defects in rabbits using baculovirus-engineered mesenchymal stem cells. <i>Biomaterials</i> , 2010, 31, 3222-3230.	5.7	84
26	Well-Differentiated Thyroid Carcinoma with Concomitant Hashimoto's Thyroiditis Present with Less Aggressive Clinical Stage and Low Recurrence. <i>Endocrine Pathology</i> , 2011, 22, 144-149.	5.2	83
27	Non-Invasive Synergistic Treatment of Brain Tumors by Targeted Chemotherapeutic Delivery and Amplified Focused Ultrasound-Hyperthermia Using Magnetic Nanographene Oxide. <i>Advanced Materials</i> , 2013, 25, 3605-3611.	11.1	83
28	Augmented healing of critical-size calvarial defects by baculovirus-engineered MSCs that persistently express growth factors. <i>Biomaterials</i> , 2012, 33, 3682-3692.	5.7	80
29	Biodistribution of PEGylated graphene oxide nanoribbons and their application in cancer chemo-photothermal therapy. <i>Carbon</i> , 2014, 74, 83-95.	5.4	69
30	Dopamine transporter change in drug-naïve schizophrenia: an imaging study with 99mTc-TRODAT-1. <i>Schizophrenia Research</i> , 2003, 65, 39-46.	1.1	68
31	Multifunctional hollow nanoparticles based on graft-diblock copolymers for doxorubicin delivery. <i>Biomaterials</i> , 2011, 32, 2213-2221.	5.7	64
32	The role of adipose-derived stem cells engineered with the persistently expressing hybrid baculovirus in the healing of massive bone defects. <i>Biomaterials</i> , 2011, 32, 6505-6514.	5.7	61
33	Calcium depletion-mediated protease inhibition and apical-junctional-complex disassembly via an EGTA-conjugated carrier for oral insulin delivery. <i>Journal of Controlled Release</i> , 2013, 169, 296-305.	4.8	61
34	A FRET-guided, NIR-responsive bubble-generating liposomal system for in vivo targeted therapy with spatially and temporally precise controlled release. <i>Biomaterials</i> , 2016, 93, 48-59.	5.7	61
35	Whole-Body Biodistribution and Radiation Dosimetry of ¹⁸ F-FP-(+)-DTBZ (¹⁸F-AV-133): A Novel Vesicular Monoamine Transporter 2 Imaging Agent. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1480-1485.	2.8	60
36	GMP-compliant automated synthesis of [18F]AV-45 (Florbetapir F 18) for imaging β -amyloid plaques in human brain. <i>Applied Radiation and Isotopes</i> , 2010, 68, 2293-2297.	0.7	54

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37	PINK1 mutation in Taiwanese early-onset parkinsonism. <i>Journal of Neurology</i> , 2007, 254, 1347-1355.	1.8	53
38	Are dual-phase 18F-FDG PET scans necessary in nasopharyngeal carcinoma to assess the primary tumour and loco-regional nodes?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005, 32, 541-548.	3.3	52
39	Rapid progression and brain atrophy in anti-AMPA receptor encephalitis. <i>Journal of Neuroimmunology</i> , 2013, 261, 129-133.	1.1	51
40	Noninvasive imaging oral absorption of insulin delivered by nanoparticles and its stimulated glucose utilization in controlling postprandial hyperglycemia during OGTT in diabetic rats. <i>Journal of Controlled Release</i> , 2013, 172, 513-522.	4.8	49
41	Combination therapy via oral co-administration of insulin- and exendin-4-loaded nanoparticles to treat type 2 diabetic rats undergoing OGTT. <i>Biomaterials</i> , 2013, 34, 7994-8001.	5.7	49
42	Hepatoprotective effect and mechanistic insights of deoxyelephantopin, a phyto-sesquiterpene lactone, against fulminant hepatitis. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 516-530.	1.9	48
43	In Vivo Detection of Monoaminergic Degeneration in Early Parkinson Disease by ¹⁸ F-9-Fluoropropyl-(+)-Dihydrotetrabenzazine PET. <i>Journal of Nuclear Medicine</i> , 2014, 55, 73-79.	2.8	48
44	Focused Ultrasound-Induced Blood-Brain Barrier Opening Enhances GSK-3 Inhibitor Delivery for Amyloid-Beta Plaque Reduction. <i>Scientific Reports</i> , 2018, 8, 12882.	1.6	48
45	Binding characteristics of 9-fluoropropyl-(+)-dihydrotetrabenzazine (AV-133) to the vesicular monoamine transporter type 2 in rats. <i>Nuclear Medicine and Biology</i> , 2010, 37, 413-419.	0.3	46
46	Prognosis of Multifocal Papillary Thyroid Carcinoma. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-6.	0.6	45
47	Clinical acceptance of a molecular imaging agent: a long march with [99mTc]TRODAT. <i>Nuclear Medicine and Biology</i> , 2007, 34, 787-789.	0.3	44
48	Prevalence and significance of thyroid uptake detected by 18F-FDG PET. <i>Endocrine</i> , 2011, 40, 297-302.	1.1	44
49	Amyloid deposition after cerebral hypoperfusion: Evidenced on [18F]AV-45 positron emission tomography. <i>Journal of the Neurological Sciences</i> , 2012, 319, 124-129.	0.3	44
50	Regional Amyloid Deposition in Amnesic Mild Cognitive Impairment and Alzheimer's Disease Evaluated by [18F]AV-45 Positron Emission Tomography in Chinese Population. <i>PLoS ONE</i> , 2013, 8, e58974.	1.1	44
51	Xenotransplantation of Human Mesenchymal Stem Cells into Immunocompetent Rats for Calvarial Bone Repair. <i>Tissue Engineering - Part A</i> , 2010, 16, 479-488.	1.6	43
52	Accumulation of amyloid in cognitive impairment after mild traumatic brain injury. <i>Journal of the Neurological Sciences</i> , 2015, 349, 99-104.	0.3	43
53	Three-dimensional cell aggregates composed of HUVECs and cbMSCs for therapeutic neovascularization in a mouse model of hindlimb ischemia. <i>Biomaterials</i> , 2013, 34, 1995-2004.	5.7	42
54	Improved Chondrogenesis and Engineered Cartilage Formation from TGF- β 3-Expressing Adipose-Derived Stem Cells Cultured in the Rotating-Shaft Bioreactor. <i>Tissue Engineering - Part A</i> , 2012, 18, 2114-2124.	1.6	41

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55	Bioconjugation of recombinant tissue plasminogen activator to magnetic nanocarriers for targeted thrombolysis. <i>International Journal of Nanomedicine</i> , 2012, 7, 5159.	3.3	41
56	Imaging characteristic of dual-phase 18F-florbetapir (AV-45/Amyvid) PET for the concomitant detection of perfusion deficits and beta-amyloid deposition in Alzheimer's disease and mild cognitive impairment. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1304-1314.	3.3	41
57	A Noninvasive Gut-to-Brain Oral Drug Delivery System for Treating Brain Tumors. <i>Advanced Materials</i> , 2021, 33, e2100701.	11.1	38
58	Healing of massive segmental femoral bone defects in minipigs by allogenic ASCs engineered with FLPo/Frt-based baculovirus vectors. <i>Biomaterials</i> , 2015, 50, 98-106.	5.7	37
59	Engineering Nano- and Microparticles as Oral Delivery Vehicles to Promote Intestinal Lymphatic Drug Transport. <i>Advanced Materials</i> , 2021, 33, e2104139.	11.1	37
60	Perfusion-like template and standardized normalization-based brain image analysis using 18F-florbetapir (AV-45/Amyvid) PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 908-920.	3.3	35
61	Hypoxia-induced therapeutic neovascularization in a mouse model of an ischemic limb using cell aggregates composed of HUVECs and cbMSCs. <i>Biomaterials</i> , 2013, 34, 9441-9450.	5.7	34
62	Amyloid Burden in the Hippocampus and Default Mode Network. <i>Medicine (United States)</i> , 2015, 94, e763.	0.4	34
63	Enhancement of cell adhesion, retention, and survival of HUVEC/cbMSC aggregates that are transplanted in ischemic tissues by concurrent delivery of an antioxidant for therapeutic angiogenesis. <i>Biomaterials</i> , 2016, 74, 53-63.	5.7	34
64	Immune responses during healing of massive segmental femoral bone defects mediated by hybrid baculovirus-engineered ASCs. <i>Biomaterials</i> , 2012, 33, 7422-7434.	5.7	33
65	Phase-Changeable Nanoemulsions for Oral Delivery of a Therapeutic Peptide: Toward Targeting the Pancreas for Antidiabetic Treatments Using Lymphatic Transport. <i>Advanced Functional Materials</i> , 2019, 29, 1809015.	7.8	32
66	Gene expression-based chemical genomics identifies heat shock protein 90 inhibitors as potential therapeutic drugs in cholangiocarcinoma. <i>Cancer</i> , 2013, 119, 293-303.	2.0	31
67	Beta-amyloid deposition and cognitive function in patients with major depressive disorder with different subtypes of mild cognitive impairment: 18F-florbetapir (AV-45/Amyvid) PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1067-1076.	3.3	31
68	Safety and efficacy of self-assembling bubble carriers stabilized with sodium dodecyl sulfate for oral delivery of therapeutic proteins. <i>Journal of Controlled Release</i> , 2017, 259, 168-175.	4.8	31
69	Beta-amyloid deposition in patients with major depressive disorder with differing levels of treatment resistance: a pilot study. <i>EJNMMI Research</i> , 2017, 7, 24.	1.1	31
70	Vascularization and restoration of heart function in rat myocardial infarction using transplantation of human cbMSC/HUVEC core-shell bodies. <i>Biomaterials</i> , 2012, 33, 2127-2136.	5.7	30
71	Biodistribution study of [123I] ADAM in mice: correlation with whole body autoradiography. <i>Nuclear Medicine and Biology</i> , 2002, 29, 643-650.	0.3	29
72	Quantitative micro-SPECT/CT for detecting focused ultrasound-induced blood-brain barrier opening in the rat. <i>Nuclear Medicine and Biology</i> , 2009, 36, 853-861.	0.3	28

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73	Oral Nonviral Gene Delivery for Chronic Protein Replacement Therapy. <i>Advanced Science</i> , 2018, 5, 1701079.	5.6	28
74	The interaction between dopamine transporter function, gender differences, and possible laterality in depression. <i>Psychiatry Research - Neuroimaging</i> , 2013, 211, 72-77.	0.9	26
75	Self-assembling bubble carriers for oral protein delivery. <i>Biomaterials</i> , 2015, 64, 115-124.	5.7	26
76	Characterization of 18F-PM-PBB3 (18F-APN-1607) Uptake in the rTg4510 Mouse Model of Tauopathy. <i>Molecules</i> , 2020, 25, 1750.	1.7	26
77	Brain Imaging of Vesicular Monoamine Transporter Type 2 in Healthy Aging Subjects by 18F-FP-(+)-DTBZ PET. <i>PLoS ONE</i> , 2013, 8, e75952.	1.1	26
78	Brain SPECT imaging and whole-body biodistribution with [¹²³ I]ADAM – a serotonin transporter radiotracer in healthy human subjects. <i>Nuclear Medicine and Biology</i> , 2006, 33, 193-202.	0.3	25
79	Optimal scanning time window for 18F-FP-(+)-DTBZ (18F-AV-133) summed uptake measurements. <i>Nuclear Medicine and Biology</i> , 2011, 38, 1149-1155.	0.3	25
80	Hippocampal Amyloid Burden with Downstream Fusiform Gyrus Atrophy Correlate with Face Matching Task Scores in Early Stage Alzheimer’s Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 145.	1.7	25
81	Characterization of the binding sites for 123I-ADAM and the relationship to the serotonin transporter in rat and mouse brains using quantitative autoradiography. <i>Journal of Nuclear Medicine</i> , 2004, 45, 673-81.	2.8	25
82	An Intestinal “Transformers”-like Nanocarrier System for Enhancing the Oral Bioavailability of Poorly Water-Soluble Drugs. <i>ACS Nano</i> , 2018, 12, 6389-6397.	7.3	24
83	Animal PET for Thioacetamide-Induced Rat Cholangiocarcinoma: A Novel and Reliable Platform. <i>Molecular Imaging and Biology</i> , 2008, 10, 209-216.	1.3	23
84	Diversity of neurodegenerative pathophysiology in nondemented patients with major depressive disorder: Evidence of cerebral amyloidosis and hippocampal atrophy. <i>Brain and Behavior</i> , 2018, 8, e01016.	1.0	23
85	<i>Lactobacillus plantarum</i> TWK10 Attenuates Aging-Associated Muscle Weakness, Bone Loss, and Cognitive Impairment by Modulating the Gut Microbiome in Mice. <i>Frontiers in Nutrition</i> , 2021, 8, 708096.	1.6	22
86	Development of hybrid baculovirus vectors for artificial MicroRNA delivery and prolonged gene suppression. <i>Biotechnology and Bioengineering</i> , 2011, 108, 2958-2967.	1.7	21
87	Multimodality noninvasive imaging for assessing therapeutic effects of exogenously transplanted cell aggregates capable of angiogenesis on acute myocardial infarction. <i>Biomaterials</i> , 2015, 73, 12-22.	5.7	21
88	Biodistribution and Radiation Dosimetry for the Tau Tracer ¹⁸ F-THK-5351 in Healthy Human Subjects. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1498-1503.	2.8	21
89	Plasma amyloid assay as a pre-screening tool for amyloid positron emission tomography imaging in early-stage Alzheimer’s disease. <i>Alzheimer’s Research and Therapy</i> , 2019, 11, 111.	3.0	21
90	A bubble bursting-mediated oral drug delivery system that enables concurrent delivery of lipophilic and hydrophilic chemotherapeutics for treating pancreatic tumors in rats. <i>Biomaterials</i> , 2020, 255, 120157.	5.7	21

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91	Quantitative analysis of the therapeutic effect of magnolol on MPTP-induced mouse model of Parkinson's disease using in vivo 18F-9-fluoropropyl-(+)-dihydrotetrabenazine PET imaging. PLoS ONE, 2017, 12, e0173503.	1.1	21
92	Engineering a biomimetic bone scaffold that can regulate redox homeostasis and promote osteogenesis to repair large bone defects. Biomaterials, 2022, 286, 121574.	5.7	21
93	Long-Term Tracking of Segmental Bone Healing Mediated by Genetically Engineered Adipose-Derived Stem Cells: Focuses on Bone Remodeling and Potential Side Effects. Tissue Engineering - Part A, 2014, 20, 1392-1402.	1.6	20
94	Comparison of 99mTc-TRODAT-1 SPECT and 18 F-AV-133 PET imaging in healthy controls and Parkinson's disease patients. Nuclear Medicine and Biology, 2014, 41, 322-329.	0.3	20
95	The Imaging Features and Clinical Associations of a Novel Tau PET Tracer 18F-APN1607 in Alzheimer Disease. Clinical Nuclear Medicine, 2020, 45, 747-756.	0.7	20
96	Preliminary studies of differential impairments of the dopaminergic system in subtypes of progressive supranuclear palsy. Nuclear Medicine Communications, 2010, 31, 974-980.	0.5	19
97	Biomimetic Engineering of a Scavenger-Free Nitric Oxide-Generating/Delivering System to Enhance Radiation Therapy. Small, 2020, 16, e2000655.	5.2	19
98	Caspr2 antibody limbic encephalitis is associated with Hashimoto thyroiditis and thymoma. Journal of the Neurological Sciences, 2014, 341, 36-40.	0.3	18
99	Localized sequence-specific release of a chemopreventive agent and an anticancer drug in a time-controllable manner to enhance therapeutic efficacy. Biomaterials, 2016, 101, 241-250.	5.7	18
100	A Novel Individual Metabolic Brain Network for 18F-FDG PET Imaging. Frontiers in Neuroscience, 2020, 14, 344.	1.4	18
101	Polyethylene glycol-coated graphene oxide attenuates antigen-specific IgE production and enhanced antigen-induced T-cell reactivity in ovalbumin-sensitized BALB/c mice. International Journal of Nanomedicine, 2014, 9, 4257.	3.3	17
102	The etiologies and prognosis associated with spinal cord infarction. Annals of Clinical and Translational Neurology, 2019, 6, 1456-1464.	1.7	17
103	A comparison between spinal cord infarction and neuromyelitis optica spectrum disorders: Clinical and MRI studies. Scientific Reports, 2019, 9, 7435.	1.6	17
104	Diagnostic value of adrenal iodine-131 6-beta-iodomethyl-19-norcholesterol scintigraphy for primary aldosteronism. Nuclear Medicine Communications, 2019, 40, 568-575.	0.5	17
105	Fully Automatic Region of Interest Selection in Glomerular Filtration Rate Estimation from 99mTc-DTPA Renogram. Journal of Digital Imaging, 2011, 24, 1010-1023.	1.6	16
106	Therapeutic outcome and prognosis in young patients with papillary and follicular thyroid cancer. Pediatric Surgery International, 2012, 28, 489-494.	0.6	16
107	Improved hepatocyte function of future liver remnant of cirrhotic rats after portal vein ligation: A bonus other than volume shifting. Surgery, 2009, 145, 202-211.	1.0	15
108	Combining a Solution-Phase Derived Library with In-Situ Cellular Bioassay: Prompt Screening of Amide-Forming Minilibraries Using MTT Assay. Chemical and Pharmaceutical Bulletin, 2009, 57, 714-718.	0.6	15

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109	Quantitative analysis of binding sites for 9-fluoropropyl(+)-dihydrotrabenazine ([¹⁸ F]AV-133) in a MPTP-lesioned PD mouse model. <i>Synapse</i> , 2012, 66, 823-831.	0.6	15
110	[¹²³ I]iodooctyl fenbufen amide as a SPECT tracer for imaging tumors that over-express COX enzymes. <i>Biomaterials</i> , 2013, 34, 3355-3365.	5.7	15
111	[¹⁸ F]FP(+)-DTBZ positron emission tomography detection of monoaminergic deficient network in patients with carbon monoxide related parkinsonism. <i>European Journal of Neurology</i> , 2015, 22, 845.	1.7	15
112	Plasmon-Activated Water Reduces Amyloid Burden and Improves Memory in Animals with Alzheimer's Disease. <i>Scientific Reports</i> , 2019, 9, 13252.	1.6	15
113	Chemopreventive and chemotherapeutic effects of dietary supplementation of vitamin D on cholangiocarcinoma in a Chemical-Induced animal model. <i>Oncotarget</i> , 2014, 5, 3849-3861.	0.8	15
114	Sigma receptor binding of trabenazine series tracers targeting VMAT2 in rat pancreas. <i>Nuclear Medicine and Biology</i> , 2011, 38, 1029-1034.	0.3	14
115	An in situ slow-releasing H ₂ S donor depot with long-term therapeutic effects for treating ischemic diseases. <i>Materials Science and Engineering C</i> , 2019, 104, 109954.	3.8	14
116	Validation of an ¹⁸ F-labeled biphenylalkyne as a positron emission tomography imaging agent for β -amyloid plaques. <i>Nuclear Medicine and Biology</i> , 2009, 36, 411-417.	0.3	13
117	Vaccination With OK-432 Followed by TC-1 Tumor Lysate Leads to Significant Antitumor Effects. <i>Reproductive Sciences</i> , 2011, 18, 687-694.	1.1	13
118	Treatment of chemotherapy-induced neutropenia in a rat model by using multiple daily doses of oral administration of G-CSF-containing nanoparticles. <i>Biomaterials</i> , 2014, 35, 3641-3649.	5.7	13
119	Everyday cognition scales are related to cognitive function in the early stage of probable Alzheimer's disease and FDG-PET findings. <i>Scientific Reports</i> , 2017, 7, 1719.	1.6	13
120	Quantitative study of ¹⁸ F-(+)-DTBZ image: comparison of PET template-based and MRI based image analysis. <i>Scientific Reports</i> , 2018, 8, 16027.	1.6	13
121	Characteristic patterns of inter- and intra-hemispheric metabolic connectivity in patients with stable and progressive mild cognitive impairment and Alzheimer's disease. <i>Scientific Reports</i> , 2018, 8, 13807.	1.6	13
122	Role of HMGB1 in an Animal Model of Vascular Cognitive Impairment Induced by Chronic Cerebral Hypoperfusion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2176.	1.8	13
123	[¹⁸ F]FP(+)-DTBZ PET study in a lactacystin-treated rat model of Parkinson disease. <i>Annals of Nuclear Medicine</i> , 2017, 31, 506-513.	1.2	12
124	Visualization of ischemic stroke-related changes on ¹⁸ F-THK-5351 positron emission tomography. <i>EJNMMI Research</i> , 2018, 8, 62.	1.1	12
125	The role of ⁶⁷ Ga in the early detection of spinal epidural abscesses. <i>Nuclear Medicine Communications</i> , 2000, 21, 165-170.	0.5	11
126	Biodistribution study of [^{99m} Tc] TRODAT-1 alone or combined with other dopaminergic drugs in mice with macroautoradiography. <i>Applied Radiation and Isotopes</i> , 2002, 57, 35-42.	0.7	11

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127	Impaired liver regeneration of steatotic rats after portal vein ligation: A particular emphasis on ^{99m} Tc-DISIDA scintigraphy and adiponectin signaling. <i>Journal of Hepatology</i> , 2010, 52, 540-549.	1.8	11
128	Amyloid PET pattern with dementia and amyloid angiopathy in Taiwan familial AD with D678H APP mutation. <i>Journal of the Neurological Sciences</i> , 2019, 398, 107-116.	0.3	11
129	Therapeutic outcomes of papillary thyroid carcinomas with tumors more advanced than T1N0M0. <i>Radiotherapy and Oncology</i> , 2008, 89, 97-104.	0.3	10
130	Significance of Insulin Signaling in Liver Regeneration Triggered by Portal Vein Ligation. <i>Journal of Surgical Research</i> , 2011, 166, 77-86.	0.8	10
131	Reappraisal of the Therapeutic Role of Celecoxib in Cholangiocarcinoma. <i>PLoS ONE</i> , 2013, 8, e69928.	1.1	10
132	Chronic manganese: A long-term follow-up study with a new dopamine terminal biomarker of ¹⁸ F-FP-(+)-DTBZ (¹⁸ F-AV-133) brain PET scan. <i>Journal of the Neurological Sciences</i> , 2015, 353, 102-106.	0.3	10
133	Prognostic factors for Taiwanese patients with cutaneous melanoma undergoing sentinel lymph node biopsy. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 415-421.	0.8	10
134	Correlation between visual association memory test and structural changes in patients with Alzheimer's disease and amnesic mild cognitive impairment. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 1325-1332.	0.8	10
135	¹⁸ F-THK5351 PET imaging in patients with progressive supranuclear palsy: associations with core domains and diagnostic certainty. <i>Scientific Reports</i> , 2020, 10, 19410.	1.6	10
136	Plasma pyroglutamate- ϵ -modified amyloid beta differentiates amyloid pathology. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12029.	1.2	10
137	An automatic MRI/SPECT registration algorithm using image intensity and anatomical feature as matching characters: application on the evaluation of Parkinson's disease. <i>Nuclear Medicine and Biology</i> , 2007, 34, 447-457.	0.3	9
138	Synthesis and evaluation of [¹⁸ F]Fluorobutyl ethacrynic amide: A potential PET tracer for studying glutathione transferase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 3998-4003.	1.0	9
139	Fully automated computer-aided volume estimation system for thyroid planar scintigraphy. <i>Computers in Biology and Medicine</i> , 2013, 43, 1341-1352.	3.9	9
140	¹⁸ F-Glutathione Conjugate as a PET Tracer for Imaging Tumors that Overexpress L-PGDS Enzyme. <i>PLoS ONE</i> , 2014, 9, e104118.	1.1	9
141	Synergistic anti-proliferative effect of mTOR inhibitor (rad001) plus gemcitabine on cholangiocarcinoma by decreasing choline kinase activity. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	9
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