Hyunsil Cha

List of Publications by Year
in descending order

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Version: 2024-02-01

28	296	840776 11	940533 16
papers	citations	h-index	g-index

28	28	28	323
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of a Mixed Reality-based Cognitive Training System Compared to a Conventional Computer-assisted Cognitive Training System on Mild Cognitive Impairment: A Pilot Study. Cognitive and Behavioral Neurology, 2019, 32, 172-178.	0.9	36
2	Hydrophilic Biocompatible Poly(Acrylic Acid-co-Maleic Acid) Polymer as a Surface-Coating Ligand of Ultrasmall Gd2O3 Nanoparticles to Obtain a High r1 Value and T1 MR Images. Diagnostics, 2021, 11, 2.	2.6	28
3	Stable and non-toxic ultrasmall gadolinium oxide nanoparticle colloids (coating material =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 agents. RSC Advances, 2018, 8, 3189-3197.	3.6	27
4	In Vivo Positive Magnetic Resonance Imaging Applications of Poly(methyl vinyl ether-alt-maleic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	3.8	22
5	Magnetic resonance imaging, gadolinium neutron capture therapy, and tumor cell detection using ultrasmall Gd₂O₃ nanoparticles coated with polyacrylic acid-rhodamine B as a multifunctional tumor theragnostic agent. RSC Advances, 2018, 8, 12653-12665.	3.6	19
6	d -Glucuronic Acid-Coated Ultrasmall Paramagnetic Ln2 O3 (Ln = Tb, Dy, and Ho) Nanoparticles: Magnetic Properties, Water Proton Relaxivities, and Fluorescence Properties. European Journal of Inorganic Chemistry, 2019, 2019, 3832-3839.	2.0	16
7	Synthesis, Characterizations, and 9.4 Tesla T2 MR Images of Polyacrylic Acid-Coated Terbium(III) and Holmium(III) Oxide Nanoparticles. Nanomaterials, 2021, 11, 1355.	4.1	15
8	Altered power spectral density in the resting-state sensorimotor network in patients with myotonic dystrophy type 1. Scientific Reports, 2018, 8, 987.	3.3	14
9	Diffusion tensor imaging and voxel-based morphometry reveal corticospinal tract involvement in the motor dysfunction of adult-onset myotonic dystrophy type 1. Scientific Reports, 2018, 8, 15592.	3.3	13
10	Interhemispheric Functional Connectivity in the Primary Motor Cortex Assessed by Resting-State Functional Magnetic Resonance Imaging Aids Long-Term Recovery Prediction among Subacute Stroke Patients with Severe Hand Weakness. Journal of Clinical Medicine, 2020, 9, 975.	2.4	13
11	The neural correlates of thoughtâ€“action fusion in healthy adults: A functional magnetic resonance imaging study. Depression and Anxiety, 2019, 36, 732-743.	4.1	12
12	Aberrant functional connectivity of neural circuits associated with thought-action fusion in patients with obsessiveâ€“compulsive disorder. Psychological Medicine, 2022, 52, 2106-2115.	4.5	11
13	Polyaspartic Acid-Coated Paramagnetic Gadolinium Oxide Nanoparticles as a Dual-Modal T1 and T2 Magnetic Resonance Imaging Contrast Agent. Applied Sciences (Switzerland), 2021, 11, 8222.	2.5	11
14	Alterations in power spectral density in motor- and pain-related networks on neuropathic pain after spinal cord injury. NeuroImage: Clinical, 2020, 28, 102342.	2.7	9
15	A Novel Paramagnetic Nanoparticle <scp>T₂</scp> Magnetic Resonance Imaging Contrast Agent With High Colloidal Stability: Polyacrylic <scp>Acidâ€Coated</scp> Ultrafine Dysprosium Oxide Nanoparticles. Bulletin of the Korean Chemical Society, 2020, 41, 829-836.	1.9	9
16	New Class of Efficient T2 Magnetic Resonance Imaging Contrast Agent: Carbon-Coated Paramagnetic Dysprosium Oxide Nanoparticles. Pharmaceuticals, 2020, 13, 312.	3.8	8
17	Effects of Cognitive Training in Mild Cognitive Impairmentmeasured by Resting State Functional Imaging. Behavioral Sciences (Basel, Switzerland), 2020, 10, 175.	2.1	7
18	In Vivo Positive Magnetic Resonance Imaging of Brain Cancer (U87MG) Using Folic Acid-Conjugated Polyacrylic Acid-Coated Ultrasmall Manganese Oxide Nanoparticles. Applied Sciences (Switzerland), 2021, 11, 2596.	2.5	7

#	Article	IF	Citations
19	Effects of emotional maltreatment on semantic network activity during cognitive reappraisal. Brain Imaging and Behavior, 2020, 15, 1181-1190.	2.1	6
20	Believing is seeing: an fMRI study of thought-action fusion in healthy male adults. Brain Imaging and Behavior, 2021, 15, 300-310.	2.1	3
21	Impact of fractional amplitude of lowâ€frequency fluctuations in motorâ€and sensoryâ€related brain networks on spinal cord injury severity. NMR in Biomedicine, 2022, 35, e4612.	2.8	3
22	Relaxometric, Optical and Cell Viability Properties of D-Glucuronic Acid Coated Cr2O3 Nanoparticles. Journal of Nanoscience and Nanotechnology, 2018, 18, 6333-6338.	0.9	2
23	Chitosan Oligosaccharide Lactate-Coated Ultrasmall Gadolinium Oxide Nanoparticles: Synthesis, In Vitro Cytotoxicity, and Relaxometric Properties. Journal of Nanoscience and Nanotechnology, 2021, 21, 4145-4150.	0.9	2
24	The Neural Correlates of Positive Versus Negative Thought-action Fusion in Healthy Young Adults. Clinical Psychopharmacology and Neuroscience, 2021, 19, 628-639.	2.0	2
25	Neural processing of lower- and upper-case text in second language learners of English: an fMRI study. Language, Cognition and Neuroscience, 2018, 33, 165-174.	1.2	1
26	Synthesis, MR Relaxivities, and In Vitro Cytotoxicity of 3,5-Diiodo-L-tyrosine-Coated Gd2O3 Nanoparticles. BioNanoScience, 2019, 9, 179-185.	3.5	0
27	Synthesis, Biocompatibility, and Relaxometric Properties of Heavily Loaded Apoferritin with D-Glucuronic Acid-Coated Ultrasmall Gd2O3 Nanoparticles. BioNanoScience, 2021, 11, 380-389.	3.5	0
28	Reconciliation of Two Cognitive Models in Obsessive-Compulsive Disorder: An fMRI Study. Psychiatry Investigation, 2021, 18, 545-552.	1.6	0