## Jie Eun Park

List of Publications by Year in descending order

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131	3,916	28 h-index	56
papers	citations		g-index
135	135	135	5537
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tumor habitat analysis by magnetic resonance imaging distinguishes tumor progression from radiation necrosis in brain metastases after stereotactic radiosurgery. European Radiology, 2022, 32, 497-507.	4.5	13
2	Body CT and PET/CT detection of extracranial lymphoma in patients with newly diagnosed central nervous system lymphoma. Neuro-Oncology, 2022, 24, 482-491.	1.2	3
3	Hypovascular Cellular Tumor in Primary Central Nervous System Lymphoma is Associated with Treatment Resistance: Tumor Habitat Analysis Using Physiologic MRI. American Journal of Neuroradiology, 2022, 43, 40-47.	2.4	7
4	Thin-Slice Pituitary MRI with Deep Learning–Based Reconstruction for Preoperative Prediction of Cavernous Sinus Invasion by Pituitary Adenoma: A Prospective Study. American Journal of Neuroradiology, 2022, 43, 280-285.	2.4	7
5	Research Highlight: Use of Generative Images Created with Artificial Intelligence for Brain Tumor Imaging. Korean Journal of Radiology, 2022, 23, 500.	3.4	5
6	Contrast enhancing pattern on pre-treatment MRI predicts response to anti-angiogenic treatment in recurrent glioblastoma: comparison of bevacizumab and temozolomide treatment. Journal of Neuro-Oncology, 2022, 157, 405-415.	2.9	0
7	Review and consensus recommendations on clinical <scp>APT</scp> â€weighted imaging approaches at <scp>3T</scp> : Application to brain tumors. Magnetic Resonance in Medicine, 2022, 88, 546-574.	3.0	79
8	Artificial Intelligence in Neuro-Oncologic Imaging: A Brief Review for Clinical Use Cases and Future Perspectives. Brain Tumor Research and Treatment, 2022, 10, 69.	1.0	3
9	Diffuse glioma, not otherwise specified: imaging-based risk stratification achieves histomolecular-level prognostication. European Radiology, 2022, 32, 7780-7788.	4.5	6
10	Thin-Slice Pituitary MRI with Deep Learning–based Reconstruction: Diagnostic Performance in a Postoperative Setting. Radiology, 2021, 298, 114-122.	7.3	54
11	Extensive peritumoral edema and brain-to-tumor interface MRI features enable prediction of brain invasion in meningioma: development and validation. Neuro-Oncology, 2021, 23, 324-333.	1.2	40
12	Spatiotemporal Heterogeneity in Multiparametric Physiologic MRI Is Associated with Patient Outcomes in IDH-Wildtype Glioblastoma. Clinical Cancer Research, 2021, 27, 237-245.	7.0	18
13	Diffusion and perfusion MRI radiomics obtained from deep learning segmentation provides reproducible and comparable diagnostic model to human in post-treatment glioblastoma. European Radiology, 2021, 31, 3127-3137.	4.5	26
14	The Korean Society for Neuro-Oncology (KSNO) Guideline for Adult Diffuse Midline Glioma: Version 2021.1. Brain Tumor Research and Treatment, 2021, 9, 1.	1.0	16
15	Mood and Metabolic Health Status of Elderly Osteoporotic Patients in Korea: A Cross-Sectional Study of a Nationally Representative Sample. Healthcare (Switzerland), 2021, 9, 77.	2.0	0
16	Review of Statistical Methods for Evaluating the Performance of Survival or Other Time-to-Event Prediction Models (from Conventional to Deep Learning Approaches). Korean Journal of Radiology, 2021, 22, 1697.	3.4	34
17	Incidence of and risk factors for thromboembolism during pregnancy and postpartum: A 10-year nationwide population-based study. Taiwanese Journal of Obstetrics and Gynecology, 2021, 60, 103-110.	1.3	12
18	Clinicopathological and ultrasound features of endometrial cancer in postmenopausal women: a retrospective study in a single institute in South Korea. Pan African Medical Journal, 2021, 38, 148.	0.8	1

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19	The Korean Society for Neuro-Oncology (KSNO) Guideline for Antiepileptic Drug Usage of Brain Tumor: Version 2021.1. Brain Tumor Research and Treatment, 2021, 9, 9.	1.0	2
20	Clinically Available Software for Automatic Brain Volumetry: Comparisons of Volume Measurements and Validation of Intermethod Reliability. Korean Journal of Radiology, 2021, 22, 405.	3.4	16
21	Comparison of Automated Brain Volume Measures by NeuroQuant vs. Freesurfer in Patients with Mild Cognitive Impairment: Effect of Slice Thickness. Yonsei Medical Journal, 2021, 62, 255.	2.2	13
22	Neuroimaging Findings in Patients with COVID-19: A Systematic Review and Meta-Analysis. Korean Journal of Radiology, 2021, 22, 1875.	3.4	20
23	Vessel Type Determined by Vessel Architectural Imaging Improves Differentiation between Early Tumor Progression and Pseudoprogression in Glioblastoma. American Journal of Neuroradiology, 2021, 42, 663-670.	2.4	11
24	Spatiotemporal habitats from multiparametric physiologic MRI distinguish tumor progression from treatment-related change in post-treatment glioblastoma. European Radiology, 2021, 31, 6374-6383.	4.5	10
25	Differentiation of recurrent glioblastoma from radiation necrosis using diffusion radiomics with machine learning model development and external validation. Scientific Reports, 2021, 11, 2913.	3.3	23
26	Reproducibility of radiomic features in SENSE and compressed SENSE: impact of acceleration factors. European Radiology, 2021, 31, 6457-6470.	4.5	10
27	Utility of 7 Tesla Magnetic Resonance Imaging in Patients With Epilepsy: A Systematic Review and Meta-Analysis. Frontiers in Neurology, 2021, 12, 621936.	2.4	17
28	Development and Validation of a Deep Learning–Based Model to Distinguish Glioblastoma from Solitary Brain Metastasis Using Conventional MR Images. American Journal of Neuroradiology, 2021, 42, 838-844.	2.4	31
29	Low conductivity on electrical properties tomography demonstrates unique tumor habitats indicating progression in glioblastoma. European Radiology, 2021, 31, 6655-6665.	4.5	7
30	High-resolution MR imaging of cranial neuropathy in patients with anti-GQ1b antibody syndrome. Journal of the Neurological Sciences, 2021, 423, 117380.	0.6	4
31	Reactive Oxygen Species Scavenger in Acute Intracerebral Hemorrhage Patients. Stroke, 2021, 52, 1172-1181.	2.0	14
32	Magnetic Resonance Imaging Parameters for Noninvasive Prediction of Epidermal Growth Factor Receptor Amplification in Isocitrate Dehydrogenase-Wild-Type Lower-Grade Gliomas: A Multicenter Study. Neurosurgery, 2021, 89, 257-265.	1.1	11
33	Combination of automated brain volumetry on MRI and quantitative tau deposition on THK-5351 PET to support diagnosis of Alzheimer's disease. Scientific Reports, 2021, 11, 10343.	3.3	10
34	Generative adversarial network for glioblastoma ensures morphologic variations and improves diagnostic model for isocitrate dehydrogenase mutant type. Scientific Reports, 2021, 11, 9912.	3.3	7
35	Refinement of response assessment in neuro-oncology (RANO) using non-enhancing lesion type and contrast enhancement evolution pattern in IDH wild-type glioblastomas. BMC Cancer, 2021, 21, 654.	2.6	1
36	Reproducible imaging-based prediction of molecular subtype and risk stratification of gliomas across different experience levels using a structured reporting system. European Radiology, 2021, 31, 7374-7385.	4.5	14

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37	Extrahippocampal Radiomics Analysis Can Potentially Identify Laterality in Patients With MRI-Negative Temporal Lobe Epilepsy. Frontiers in Neurology, 2021, 12, 706576.	2.4	4
38	Stability of MRI radiomic features according to various imaging parameters in fast scanned T2-FLAIR for acute ischemic stroke patients. Scientific Reports, 2021, 11, 17143.	3.3	12
39	Upregulation of AQP4 Improves Blood–Brain Barrier Integrity and Perihematomal Edema Following Intracerebral Hemorrhage. Neurotherapeutics, 2021, 18, 2692-2706.	4.4	30
40	Development of Brain Metastases in Patients With Non–Small Cell Lung Cancer and No Brain Metastases at Initial Staging Evaluation: Cumulative Incidence and Risk Factor Analysis. American Journal of Roentgenology, 2021, 217, 1184-1193.	2.2	13
41	Evaluation of Reproducibility of Brain Volumetry between Commercial Software, Inbrain and		

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55	Comparison of Dynamic Contrast-Enhancement Parameters between Gadobutrol and Gadoterate Meglumine in Posttreatment Glioma: A Prospective Intraindividual Study. American Journal of Neuroradiology, 2020, 41, 2041-2048.	2.4	4
56	Preoperative Prophylactic Balloon-Assisted Occlusion of the Internal Iliac Arteries in the Management of Placenta Increta/Percreta. Medicina (Lithuania), 2020, 56, 368.	2.0	9
57	Deep-learned time-signal intensity pattern analysis using an autoencoder captures magnetic resonance perfusion heterogeneity for brain tumor differentiation. Scientific Reports, 2020, 10, 21485.	3.3	11
58	Comparative Value of 2-Hydroxyglutarate–to–Lipid and Lactate Ratio versus 2-Hydroxyglutarate Concentration on MR Spectroscopic Images for Predicting Isocitrate Dehydrogenase Mutation Status in Gliomas. Radiology Imaging Cancer, 2020, 2, e190083.	1.6	3
59	Identification of Early Response to Anti-Angiogenic Therapy in Recurrent Glioblastoma: Amide Proton Transfer–weighted and Perfusion-weighted MRI compared with Diffusion-weighted MRI. Radiology, 2020, 295, 397-406.	7.3	49
60	Radiomics prognostication model in glioblastoma using diffusion- and perfusion-weighted MRI. Scientific Reports, 2020, 10, 4250.	3.3	50
61	Advanced Physiologic Imaging: Perfusion– Theory and Applications. , 2020, , 61-91.		3
62	A National Consensus Survey for Current Practice in Brain Tumor Management II: Diffuse Midline Glioma and Meningioma. Brain Tumor Research and Treatment, 2020, 8, 11.	1.0	2
63	A National Consensus Survey for Current Practice in Brain Tumor Management III: Brain Metastasis and Primary Central Nervous System Lymphoma. Brain Tumor Research and Treatment, 2020, 8, 20.	1.0	4
64	Radiomics and Deep Learning from Research to Clinical Workflow: Neuro-Oncologic Imaging. Korean Journal of Radiology, 2020, 21, 1126.	3.4	25
65	Radiological Recurrence Patterns after Bevacizumab Treatment of Recurrent High-Grade Glioma: A Systematic Review and Meta-Analysis. Korean Journal of Radiology, 2020, 21, 908.	3.4	8
66	Current Applications and Future Perspectives of Brain Tumor Imaging. Journal of the Korean Society of Radiology, 2020, 81, 467.	0.2	1
67	A National Consensus Survey for Current Practice in Brain Tumor Management I: Antiepileptic Drug and Steroid Usage. Brain Tumor Research and Treatment, 2020, 8, 1.	1.0	6
68	Incorporating diffusion- and perfusion-weighted MRI into a radiomics model improves diagnostic performance for pseudoprogression in glioblastoma patients. Neuro-Oncology, 2019, 21, 404-414.	1.2	153
69	Radiomics in peritumoral non-enhancing regions: fractional anisotropy and cerebral blood volume improve prediction of local progression and overall survival in patients with glioblastoma. Neuroradiology, 2019, 61, 1261-1272.	2.2	35
70	Primary Central Nervous System Lymphoma: Diagnostic Yield of Whole-Body CT and FDG PET/CT for Initial Systemic Imaging. Radiology, 2019, 292, 440-446.	7.3	17
71	Amide proton transfer–weighted MRI can detect tissue acidosis and monitor recovery in a transient middle cerebral artery occlusion model compared with a permanent occlusion model in rats. European Radiology, 2019, 29, 4096-4104.	<b>4.</b> 5	6
72	Amide proton transfer-weighted MRI in distinguishing high- and low-grade gliomas: a systematic review and meta-analysis. Neuroradiology, 2019, 61, 525-534.	2.2	28

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73	False-Positive Measurement at 2-Hydroxyglutarate MR Spectroscopy in Isocitrate Dehydrogenase Wild-Type Glioblastoma: A Multifactorial Analysis. Radiology, 2019, 291, 752-762.	7.3	28
74	Incidence of gestational trophoblastic disease in South Korea: a longitudinal, population-based study. Peerl, 2019, 7, e6490.	2.0	16
75	Permeability measurement using dynamic susceptibility contrast magnetic resonance imaging enhances differential diagnosis of primary central nervous system lymphoma from glioblastoma. European Radiology, 2019, 29, 5539-5548.	4.5	11
76	Radiomic features and multilayer perceptron network classifier: a robust MRI classification strategy for distinguishing glioblastoma from primary central nervous system lymphoma. Scientific Reports, 2019, 9, 5746.	3.3	73
77	Clinicopathologic characteristics and treatment patterns of pelvic organ prolapse in South Korea. Pan African Medical Journal, 2019, 34, 14.	0.8	4
78	Reproducibility and Generalizability in Radiomics Modeling: Possible Strategies in Radiologic and Statistical Perspectives. Korean Journal of Radiology, 2019, 20, 1124.	3.4	225
79	Intra-individual correlations between quantitative THK-5351 PET and MRI-derived cortical volume in Alzheimer's disease differ according to disease severity and amyloid positivity. PLoS ONE, 2019, 14, e0226265.	2.5	6
80	Reliability of fast magnetic resonance imaging for acute ischemic stroke patients using a 1.5-T scanner. European Radiology, 2019, 29, 2641-2650.	4.5	11
81	MRI as a diagnostic biomarker for differentiating primary central nervous system lymphoma from glioblastoma: A systematic review and metaâ€analysis. Journal of Magnetic Resonance Imaging, 2019, 50, 560-572.	3.4	39
82	Comparison of Survival Outcomes Between Partial Resection and Biopsy for Primary Glioblastoma: A Propensity Score-Matched Study. World Neurosurgery, 2019, 121, e858-e866.	1.3	12
83	Tumor-infiltrating immune cell subpopulations and programmed death ligand 1 (PD-L1) expression associated with clinicopathological and prognostic parameters in ependymoma. Cancer Immunology, Immunotherapy, 2019, 68, 305-318.	4.2	23
84	Application of Vendor-Neutral Iterative Reconstruction Technique to Pediatric Abdominal Computed Tomography. Korean Journal of Radiology, 2019, 20, 1358.	3.4	23
85	Amide proton transfer imaging seems to provide higher diagnostic performance in post-treatment high-grade gliomas than methionine positron emission tomography. European Radiology, 2018, 28, 3285-3295.	4.5	27
86	Diffusion radiomics as a diagnostic model for atypical manifestation of primary central nervous system lymphoma: development and multicenter external validation. Neuro-Oncology, 2018, 20, 1251-1261.	1.2	103
87	Radiomics as a Quantitative Imaging Biomarker: Practical Considerations and the Current Standpoint in Neuro-oncologic Studies. Nuclear Medicine and Molecular Imaging, 2018, 52, 99-108.	1.0	60
88	Serial magnetic resonance imaging evaluations of irradiated superior cervical sympathetic ganglia: Not every retropharyngeal enlarging mass is a sign of malignancy. European Journal of Radiology, 2018, 98, 126-129.	2.6	4
89	Clinical Characteristics and Treatment Outcomes of Spinal Arteriovenous Malformations. Clinical Neuroradiology, 2018, 28, 39-46.	1.9	13
90	Ectopic pregnancy incidence in the Republic of Korea in 2009–2015: A population-based cross-sectional study. Scientific Reports, 2018, 8, 17308.	3.3	3

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91	Joint approach of diffusion- and perfusion-weighted MRI in intra-axial mass like lesions in clinical practice simulation. PLoS ONE, 2018, 13, e0202891.	2.5	4
92	Clinical Value of Vascular Permeability Estimates Using Dynamic Susceptibility Contrast MRI: Improved Diagnostic Performance in Distinguishing Hypervascular Primary CNS Lymphoma from Glioblastoma. American Journal of Neuroradiology, 2018, 39, 1415-1422.	2.4	10
93	New grading system for the clinical evaluation of patients with spinal vascular lesions. Neuroradiology, 2018, 60, 1035-1041.	2.2	8
94	Partial molar pregnancy and coexisting fetus with Turner syndrome: Case report and literature review. Journal of Genetic Medicine, 2018, 15, 43-47.	0.2	1
95	Clinicopathologic Characteristics and Causes of Postmenopausal Bleeding in Older Patients. Annals of Geriatric Medicine and Research, 2018, 22, 189-193.	1.8	2
96	Voxel-based lesion symptom mapping analysis of depressive mood in patients with isolated cerebellar stroke: A pilot study. NeuroImage: Clinical, 2017, 13, 39-45.	2.7	24
97	Improved Diagnostic Accuracy Using Arterial Phase CT for Lateral Cervical Lymph Node Metastasis from Papillary Thyroid Cancer. American Journal of Neuroradiology, 2017, 38, 782-788.	2.4	40
98	Concomitant origin of the anterior or posterior spinal artery with the feeder of a spinal dural arteriovenous fistula (SDAVF). Journal of NeuroInterventional Surgery, 2017, 9, 405-410.	3.3	22
99	Comparison of 3 Different Types of Spinal Arteriovenous Shunts below the Conus in Clinical Presentation, Radiologic Findings, and Outcomes. American Journal of Neuroradiology, 2017, 38, 403-409.	2.4	37
100	Comparison of 3D magnetic resonance imaging and digital subtraction angiography for intracranial artery stenosis. European Radiology, 2017, 27, 4737-4746.	4.5	29
101	Prognostic relevance of gemistocytic grade II astrocytoma: gemistocytic component and MR imaging features compared to non-gemistocytic grade II astrocytoma. European Radiology, 2017, 27, 3022-3032.	4.5	11
102	Normalization of cortical thickness measurements across different T1 magnetic resonance imaging protocols by novel W-Score standardization. NeuroImage, 2017, 159, 224-235.	4.2	17
103	Differences in dynamic and static functional connectivity between young and elderly healthy adults. Neuroradiology, 2017, 59, 781-789.	2.2	24
104	Detection of Local Tumor Recurrence After Definitive Treatment of Head and Neck Squamous Cell Carcinoma: Histogram Analysis of Dynamic Contrast-Enhanced T1-Weighted Perfusion MRI. American Journal of Roentgenology, 2017, 208, 42-47.	2.2	14
105	[P3â€"330]: COMPARISON OF QUANTITATIVE TAU DEPOSITION ON THKâ€5351 PET IMAGING AND HIPPOCAMPA VOLUME IN DIAGNOSIS OF ALZHEIMER's DISEASE SPECTRUM. Alzheimer's and Dementia, 2017, 13, P1077.	.8.0 <sup>1</sup>	O
106	[P1–132]: IMPROVEMENT OF CORTICAL THICKNESS COMPATIBILITY BETWEEN DIFFERENT MRI T1 PROTOCOLS BY Wâ€SCORE STANDARDIZATION. Alzheimer's and Dementia, 2017, 13, P292.	0.8	0
107	Improved Diagnostic Accuracy of Alzheimer's Disease by Combining Regional Cortical Thickness and Default Mode Network Functional Connectivity: Validated in the Alzheimer's Disease Neuroimaging Initiative Set. Korean Journal of Radiology, 2017, 18, 983.	3.4	12
108	Perfusion of surgical cavity wall enhancement in early post-treatment MR imaging may stratify the time-to-progression in glioblastoma. PLoS ONE, 2017, 12, e0181933.	2.5	3

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109	Joint approach based on clinical and imaging features to distinguish non-neoplastic from neoplastic pituitary stalk lesions. PLoS ONE, 2017, 12, e0187989.	2.5	9
110	Depiction of Acute Stroke Using 3-Tesla Clinical Amide Proton Transfer Imaging: Saturation Time Optimization Using an <i>in vivo</i> Rat Stroke Model, and a Preliminary Study in Human. Investigative Magnetic Resonance Imaging, 2017, 21, 65.	0.4	3
111	Selection and Reporting of Statistical Methods to Assess Reliability of a Diagnostic Test: Conformity to Recommended Methods in a Peer-Reviewed Journal. Korean Journal of Radiology, 2017, 18, 888.	3.4	26
112	Up to 52 administrations of macrocyclic ionic MR contrast agent are not associated with intracranial gadolinium deposition: Multifactorial analysis in 385 patients. PLoS ONE, 2017, 12, e0183916.	2.5	27
113	Does the Reporting Quality of Diagnostic Test Accuracy Studies, as Defined by STARD 2015, Affect Citation?. Korean Journal of Radiology, 2016, 17, 706.	3.4	16
114	An extremely rare case of prenatally diagnosed absent both aortic and pulmonary valves. Obstetrics and Gynecology Science, 2016, 59, 393.	1.6	4
115	Superior Cervical Sympathetic Ganglion: Normal Imaging Appearance on 3T-MRI. Korean Journal of Radiology, 2016, 17, 657.	3.4	12
116	Intravoxel Incoherent Motion MR Imaging in the Head and Neck: Correlation with Dynamic Contrast-Enhanced MR Imaging and Diffusion-Weighted Imaging. Korean Journal of Radiology, 2016, 17, 641.	3.4	31
117	Fetal left modified myocardial performance index measured by the Auto Mod-MPI system: development of reference values and application to recipients of twin-to-twin transfusion syndrome. Prenatal Diagnosis, 2016, 36, 424-431.	2.3	12
118	Assessment of Measurement Repeatability and Reliability With Virtual Touch Tissue Quantification Imaging in Cervical Lymphadenopathy. Journal of Ultrasound in Medicine, 2016, 35, 927-932.	1.7	5
119	Induced-Wedge Technique to Improve Liquid Embolic Agent Penetration into Spinal Dural Arteriovenous Fistula. World Neurosurgery, 2016, 96, 309-315.	1.3	13
120	Magnetic resonance imaging of leukoencephalopathy in amnestic workers exposed to organotin. NeuroToxicology, 2016, 57, 128-135.	3.0	7
121	Hemangioblastomas with leptomeningeal dissemination: case series and review of the literature. Acta Neurochirurgica, 2016, 158, 1169-1178.	1.7	10
122	Alteration of long-distance functional connectivity and network topology in patients with supratentorial gliomas. Neuroradiology, 2016, 58, 311-320.	2.2	36
123	Added value of amide proton transfer imaging to conventional and perfusion MR imaging for evaluating the treatment response of newly diagnosed glioblastoma. European Radiology, 2016, 26, 4390-4403.	4.5	70
124	The usefulness of low-dose CT scan in elderly patients with suspected acute lower respiratory infection in the emergency room. British Journal of Radiology, 2016, 89, 20150654.	2.2	9
125	Pre- and Posttreatment Glioma: Comparison of Amide Proton Transfer Imaging with MR Spectroscopy for Biomarkers of Tumor Proliferation. Radiology, 2016, 278, 514-523.	7.3	87
126	Amide Proton Transfer Imaging in Clinics: Basic Concepts and Current and Future Use in Brain Tumors and Stroke. Journal of the Korean Society of Radiology, 2016, 75, 419.	0.2	11

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127	Uninterpretable Dynamic Susceptibility Contrast-Enhanced Perfusion MR Images in Patients with Post-Treatment Glioblastomas: Cross-Validation of Alternative Imaging Options. PLoS ONE, 2015, 10, e0136380.	2.5	24
128	Pseudoprogression in Patients with Glioblastoma: Assessment by Using Volume-weighted Voxel-based Multiparametric Clustering of MR Imaging Data in an Independent Test Set. Radiology, 2015, 275, 792-802.	7.3	53
129	Histogram Analysis of Amide Proton Transfer Imaging to Identify Contrast-enhancing Low-Grade Brain Tumor That Mimics High-Grade Tumor: Increased Accuracy of MR Perfusion. Radiology, 2015, 277, 151-161.	7.3	57
130	Efficacy of Case Management for the Community Dwelling Schizophrenia Patients: A 36-Month Prospective Follow-Up Study. Journal of Korean Neuropsychiatric Association, 2015, 54, 578.	0.5	3
131	Testing a tool for assessing the risk of bias for nonrandomized studies showed moderate reliability and promising validity. Journal of Clinical Epidemiology, 2013, 66, 408-414.	5.0	873