

# Kazim Gumus

## List of Publications by Year in descending order

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59  
papers

4,287  
citations

279487

23  
h-index

155451

55  
g-index

62  
all docs

62  
docs citations

62  
times ranked

5642  
citing authors

#	ARTICLE	IF	CITATIONS
1	Not all imagery is created equal: A functional Magnetic resonance imaging study of internally driven and symbol driven musical performance imagery. <i>Journal of Chemical Neuroanatomy</i> , 2020, 104, 101748.	1.0	4
2	Brain susceptibility changes in neurologically asymptomatic pediatric patients with Wilson's disease: evaluation with quantitative susceptibility mapping. <i>Acta Radiologica</i> , 2018, 59, 1380-1385.	0.5	9
3	Diffusion tensor and volumetric magnetic resonance imaging findings in the brains of professional musicians. <i>Journal of Chemical Neuroanatomy</i> , 2018, 88, 33-40.	1.0	21
4	Can Functional Connectivity at Resting Brain in ADHD Indicate the Impairments in Sensory-Motor Functions and Face/Emotion Recognition?. <i>Journal of Medical and Biological Engineering</i> , 2018, 38, 138-149.	1.0	3
5	Magnetic Susceptibility Changes in the Basal Ganglia and Brain Stem of Patients with Wilson's Disease: Evaluation with Quantitative Susceptibility Mapping. <i>Magnetic Resonance in Medical Sciences</i> , 2018, 17, 73-79.	1.1	19
6	Diagnosis of intracranial calcification and hemorrhage in pediatric patients: Comparison of quantitative susceptibility mapping and phase images of susceptibility-weighted imaging. <i>Diagnostic and Interventional Imaging</i> , 2017, 98, 707-714.	1.8	27
7	Apparent diffusion coefficient in differentiation of pediatric posterior fossa tumors. <i>Japanese Journal of Radiology</i> , 2017, 35, 448-453.	1.0	32
8	Default mode network activity and neuropsychological profile in male children and adolescents with attention deficit hyperactivity disorder and conduct disorder. <i>Brain Imaging and Behavior</i> , 2017, 11, 1561-1570.	1.1	21
9	A rare incidence of metal artifact on MRI. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017, 7, 142-143.	1.1	1
10	Neural Correlates of Default Mode Network Connectivity in Children with Attention Deficit and Hyperactivity Disorder. <i>Current Medical Imaging</i> , 2017, 13, 185-194.	0.4	2
11	Anatomical characterization of ADHD using an atlas-based analysis: A diffusion tensor imaging study. <i>The EuroBiotech Journal</i> , 2017, 1, 46-56.	0.5	4
12	Obtaining resting state networks in early onset schizophrenia disease by Independent Component Analysis. , 2016, , .		0
13	Neural correlates for perception of companion animal photographs. <i>Neuropsychologia</i> , 2016, 85, 278-286.	0.7	9
14	Shell trajectory sampling of k-space in magnetic resonance imaging. <i>Journal of Biotechnology</i> , 2016, 231, S104.	1.9	0
15	The Role of Diffusion-Weighted Imaging in the Evaluation of the Whole Brain in Isolated Unilateral Polymicrogyria. <i>Journal of Child Neurology</i> , 2016, 31, 1575-1578.	0.7	0
16	Total intracranial and lateral ventricle volumes measurement in Alzheimer's disease: A methodological study. <i>Journal of Clinical Neuroscience</i> , 2016, 34, 133-139.	0.8	17
17	Brain diffusion tensor imaging in children with tuberous sclerosis. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 171-176.	1.8	11
18	Reconstruction of Quantitative Susceptibility Maps. <i>Radiology</i> , 2015, 275, 617-618.	3.6	3

#	ARTICLE	IF	CITATIONS
19	Exploring default mode connectivity using region of interest analysis in children with attention deficit and hyperactivity disorder. , 2015, , .		0
20	Susceptibility-Based Differentiation of Intracranial Calcification and Hemorrhage in Pediatric Patients. Journal of Child Neurology, 2015, 30, 1029-1036.	0.7	19
21	Comparison of optical and MR-based tracking. Magnetic Resonance in Medicine, 2015, 74, 894-902.	1.9	12
22	Flow void artifact mimicking aneurysm in the anterior communicating artery region on T1- and T2-weighted images. Quantitative Imaging in Medicine and Surgery, 2015, 5, 633-4.	1.1	0
23	Prevention of motion-induced signal loss in diffusion-weighted echo-planar imaging by dynamic restoration of gradient moments. Magnetic Resonance in Medicine, 2014, 71, 2006-2013.	1.9	22
24	Macrocerbellum: a case report. Turkish Neurosurgery, 2014, 25, 948-53.	0.1	4
25	Measurement and Correction of Microscopic Head Motion during Magnetic Resonance Imaging of the Brain. PLoS ONE, 2012, 7, e48088.	1.1	177
26	Performance and operation of the CMS electromagnetic calorimeter. Journal of Instrumentation, 2010, 5, T03010-T03010.	0.5	59
27	Time reconstruction and performance of the CMS electromagnetic calorimeter. Journal of Instrumentation, 2010, 5, T03011-T03011.	0.5	34
28	Performance of CMS hadron calorimeter timing and synchronization using test beam, cosmic ray, and LHC beam data. Journal of Instrumentation, 2010, 5, T03013-T03013.	0.5	20
29	Performance of the CMS drift tube chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03015-T03015.	0.5	24
30	Calibration of the CMS drift tube chambers and measurement of the drift velocity with cosmic rays. Journal of Instrumentation, 2010, 5, T03016-T03016.	0.5	17
31	Performance study of the CMS barrel resistive plate chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03017-T03017.	0.5	25
32	Performance of the CMS cathode strip chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03018-T03018.	0.5	20
33	Aligning the CMS muon chambers with the muon alignment system during an extended cosmic ray run. Journal of Instrumentation, 2010, 5, T03019-T03019.	0.5	19
34	Measurement of the muon stopping power in lead tungstate. Journal of Instrumentation, 2010, 5, P03007-P03007.	0.5	25
35	Performance of the CMS Level-1 trigger during commissioning with cosmic ray muons and LHC beams. Journal of Instrumentation, 2010, 5, T03002-T03002.	0.5	24
36	Performance of the CMS drift-tube chamber local trigger with cosmic rays. Journal of Instrumentation, 2010, 5, T03003-T03003.	0.5	19

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37	Commissioning and performance of the CMS silicon strip tracker with cosmic ray muons. Journal of Instrumentation, 2010, 5, T03008-T03008.	0.5	25
38	Alignment of the CMS silicon tracker during commissioning with cosmic rays. Journal of Instrumentation, 2010, 5, T03009-T03009.	0.5	59
39	Commissioning of the CMS experiment and the cosmic run at four tesla. Journal of Instrumentation, 2010, 5, T03001-T03001.	0.5	37
40	Fine synchronization of the CMS muon drift-tube local trigger using cosmic rays. Journal of Instrumentation, 2010, 5, T03004-T03004.	0.5	18
41	Commissioning of the CMS High-Level Trigger with cosmic rays. Journal of Instrumentation, 2010, 5, T03005-T03005.	0.5	5
42	Performance of the CMS hadron calorimeter with cosmic ray muons and LHC beam data. Journal of Instrumentation, 2010, 5, T03012-T03012.	0.5	36
43	Alignment of the CMS muon system with cosmic-ray and beam-halo muons. Journal of Instrumentation, 2010, 5, T03020-T03020.	0.5	23
44	Precise mapping of the magnetic field in the CMS barrel yoke using cosmic rays. Journal of Instrumentation, 2010, 5, T03021-T03021.	0.5	36
45	Performance of CMS muon reconstruction in cosmic-ray events. Journal of Instrumentation, 2010, 5, T03022-T03022.	0.5	52
46	CMS data processing workflows during an extended cosmic ray run. Journal of Instrumentation, 2010, 5, T03006-T03006.	0.5	19
47	Commissioning and performance of the CMS pixel tracker with cosmic ray muons. Journal of Instrumentation, 2010, 5, T03007-T03007.	0.5	35
48	Identification and filtering of uncharacteristic noise in the CMS hadron calorimeter. Journal of Instrumentation, 2010, 5, T03014-T03014.	0.5	57
49	The CMS Collaboration. Nuclear Physics A, 2009, 830, 946c-956c.	0.6	0
50	The CMS barrel calorimeter response to particle beams from 2 to 350 GeV/c. European Physical Journal C, 2009, 60, 359-373.	1.4	29
51	Comparison of high-energy hadronic shower profiles measured with scintillation and Cherenkov light. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 584, 304-318.	0.7	7
52	Design, performance, and calibration of CMS forward calorimeter wedges. European Physical Journal C, 2008, 53, 139-166.	1.4	60
53	Design, performance, and calibration of CMS hadron-barrel calorimeter wedges. European Physical Journal C, 2008, 55, 159-171.	1.4	30
54	Design, performance, and calibration of the CMS hadron-outer calorimeter. European Physical Journal C, 2008, 57, 653-663.	1.4	12

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55	The CMS experiment at the CERN LHC. <i>Journal of Instrumentation</i> , 2008, 3, S08004-S08004.	0.5	2,192
56	CMS Physics Technical Design Report, Volume II: Physics Performance. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007, 34, 995-1579.	1.4	683
57	CMS Physics Technical Design Report: Addendum on High Density QCD with Heavy Ions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007, 34, 2307-2455.	1.4	136
58	Separation of scintillation and Cherenkov light in an optical calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 550, 185-200.	0.7	19
59	Vibrational Spectroscopic Studies on the Dicycloheptylaminecobalt(II) Tetracyanonickellate(II) Host-Aromatic Guest Systems. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005, 53, 219-229.	1.6	7