

omer Aras

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98
papers

2,684
citations

27
h-index

50
g-index

104
ext. papers

3,009
ext. citations

5.1
avg. IF

4.54
L-index

#	Paper	IF	Citations
98	19F MRI Nanotheranostics for Cancer Management: Progress and Prospects.. <i>ChemMedChem</i> , 2021 ,	3.7	3
97	Facile synthesis of near-infrared bodipy by donor engineering for tumor targeted dual-modal imaging. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 9308-9315	7.3	1
96	Recent Advances in Paclitaxel-based Self-Delivery Nanomedicine for Cancer Therapy. <i>Current Medicinal Chemistry</i> , 2021 , 28, 6358-6374	4.3	2
95	Selective Intra-Arterial Lutetium-177-Labeled Prostate-Specific Membrane Antigen Therapy for Castration-Resistant Prostate Cancer: Initial Results. <i>Journal of Vascular and Interventional Radiology</i> , 2021 ,	2.4	2
94	Complicated pubovesical fistula on PET/CT and MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 3335-3336	8.8	
93	Preliminary study: myocardial T1 relaxation time in patients with ischemic findings and normal findings on coronary angiography. <i>Revista Da Associação Médica Brasileira</i> , 2021 , 67, 418-425	1.4	
92	Thymoquinone Glucuronide Conjugated Magnetic Nanoparticle for Bimodal Imaging and Treatment of Cancer as a Novel Theranostic Platform. <i>Current Radiopharmaceuticals</i> , 2021 , 14, 23-36	1.8	0
91	Simultaneous injection of F-BF3- Cy3-ACUPA and non-radioactive Cy7-ACUPA probes: a promising pre-biopsy PET and ex vivo fluorescence imaging approach to evaluate prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 3732-3733	8.8	1
90	Actinium-labeled prostate-specific membrane antigen targeting peptide induces complete response in a metastatic prostate cancer patient. <i>Acta Radiologica Open</i> , 2021 , 10, 20584601211022509 ^{1,2}	1.2	
89	Chemodynamic nanomaterials for cancer theranostics. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 192	9.4	16
88	A dual-modal PET/near infrared fluorescent nanotag for long-term immune cell tracking. <i>Biomaterials</i> , 2021 , 269, 120630	15.6	6
87	Small Molecule, Multimodal, [F]-PET and Fluorescence Imaging Agent Targeting Prostate-Specific Membrane Antigen: First-in-Human Study. <i>Clinical Genitourinary Cancer</i> , 2021 , 19, 405-416	3.3	3
86	Combining histone deacetylase inhibitors (HDACis) with other therapies for cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2021 , 226, 113825	6.8	2
85	Small ultra-red fluorescent protein nanoparticles as exogenous probes for noninvasive tumor imaging in vivo. <i>International Journal of Biological Macromolecules</i> , 2020 , 153, 100-106	7.9	25
84	Zr Labeled FeO@TiO Nanoparticles: Affinities with Breast and Prostate Cancer Cells. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5616	3.1	5
83	A near-infrared probe for non-invasively monitoring cerebrospinal fluid flow by F-positron emitting tomography and fluorescence. <i>EJNMMI Research</i> , 2020 , 10, 37	3.6	3
82	Success and reliability of extrafemoral Exoseal vascular closure device: Off-label usage. <i>Interventional Medicine & Applied Science</i> , 2020 , 11, 182-186	0.7	

81	Measurement of spinal root angle at spinal canal and foraminal levels in cases of facet arthropathy: T2-weighted turbo spin echo magnetic resonance myelography with SPACE technique. <i>Acta Radiologica</i> , 2020 , 61, 821-829	2	1
80	One-Step, Rapid, F-F Isotopic Exchange Radiolabeling of Difluoro-dioxaborinins: Substituent Effect on Stability and Applications. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 12693-12706	8.3	4
79	A Fluorescent, [F]-Positron-Emitting Agent for Imaging Prostate-Specific Membrane Antigen Allows Genetic Reporting in Adoptively Transferred, Genetically Modified Cells. <i>ACS Chemical Biology</i> , 2019 , 14, 1449-1459	4.9	9
78	An [F]-Positron Emitting Fluorophore Allows Safe Evaluation of Small Molecule Distribution in the CSF, CSF Fistulas, and CNS Device Placement. <i>Molecular Pharmaceutics</i> , 2019 , 16, 3636-3646	5.6	5
77	Diagnostic Performance of T2- weighted sequences in Upper Abdominal Magnetic Resonance Imaging: BLADE Technique or HASTE Technique?. <i>Journal of Clinical Medicine of Kazakhstan</i> , 2019 , 1, 37-43	0.2	
76	Hyperpolarized MRI Visualizes Warburg Effects and Predicts Treatment Response to mTOR Inhibitors in Patient-Derived ccRCC Xenograft Models. <i>Cancer Research</i> , 2019 , 79, 242-250	10.1	21
75	F-Positron Emitting/Trimethine Cyanine-Fluorescent Contrast for Image-Guided Prostate Cancer Management. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 4256-4262	8.3	29
74	An in-vivo pilot study into the effects of FDG-mNP in cancer in mice. <i>PLoS ONE</i> , 2018 , 13, e0202482	3.7	3
73	Characterizing Ionizing Radiation Exposure after T-Cell Depleted Allogeneic Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2018 , 24, S252-S253	4.7	2
72	Tissue Morphology and Gene Expression Characterisation of Transplantable Adenocarcinoma Bearing Mice Exposed to Fluorodeoxyglucose-Conjugated Magnetic Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 1979-1991	4	3
71	Functional Peptide Nanofibers with Unique Tumor Targeting and Enzyme-Induced Local Retention Properties. <i>Advanced Functional Materials</i> , 2018 , 28, 1803969	15.6	23
70	F-positron-emitting/fluorescent labeled erythrocytes allow imaging of internal hemorrhage in a murine intracranial hemorrhage model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 776-786	7.3	13
69	The SWI/SNF Protein PBRM1 Restrains VHL-Loss-Driven Clear Cell Renal Cell Carcinoma. <i>Cell Reports</i> , 2017 , 18, 2893-2906	10.6	109
68	An [F]-Positron-Emitting, Fluorescent, Cerebrospinal Fluid Probe for Imaging Damage to the Brain and Spine. <i>Theranostics</i> , 2017 , 7, 2377-2391	12.1	10
67	Analysis of metastatic involvement in bone using anatomical and functional information from 18F-FDG PET/CT. <i>Nuclear Medicine Communications</i> , 2017 , 38, 780-787	1.6	
66	New imaging probes to track cell fate: reporter genes in stem cell research. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 4455-4469	10.3	25
65	Tumor Xenografts of Human Clear Cell Renal Cell Carcinoma But Not Corresponding Cell Lines Recapitulate Clinical Response to Sunitinib: Feasibility of Using Biopsy Samples. <i>European Urology Focus</i> , 2017 , 3, 590-598	5.1	21
64	Multifunctional molecular imaging probes for estrogen receptors: 99mTc labeled diethylstilbestrol (DES) conjugated, cuinp quantum dot nanoparticles (DESCIP). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 314, 2609-2620	1.5	1

63	Prostate MRSI predicts outcome in radical prostatectomy patients. <i>Magnetic Resonance Imaging</i> , 2016 , 34, 674-81	3.3	8
62	Assessment of Prostate Cancer Aggressiveness by Use of the Combination of Quantitative DWI and Dynamic Contrast-Enhanced MRI. <i>American Journal of Roentgenology</i> , 2016 , 206, 756-63	5.4	43
61	Improved noninvasive prostate cancer assessment using multiparametric magnetic resonance imaging 2016 ,		1
60	A Pilot Study Into the Use of FDG-mNP as an Alternative Approach in Neuroblastoma Cell Hyperthermia. <i>IEEE Transactions on Nanobioscience</i> , 2016 , 15, 517-525	3.4	10
59	Extraction and radioiodination of Gingko flavonoids and monitoring the cellular incorporation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016 , 310, 271-278	1.5	0
58	Interactive Feature Space Explorer for multi-modal magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2015 , 33, 804-15	3.3	1
57	Optimization of intrabone delivery of hematopoietic progenitor cells in a swine model using cell radiolabeling with [89]zirconium. <i>American Journal of Transplantation</i> , 2015 , 15, 606-17	8.7	18
56	Interobserver variability of R.E.N.A.L., PADUA, and centrality index nephrometry score systems. <i>World Journal of Urology</i> , 2015 , 33, 853-8	4	34
55	Comparison of endorectal coil and nonendorectal coil T2W and diffusion-weighted MRI at 3 Tesla for localizing prostate cancer: correlation with whole-mount histopathology. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 39, 1443-8	5.6	123
54	Bone marrow angiogenesis in myeloma and its precursor disease: a prospective clinical trial. <i>Leukemia</i> , 2014 , 28, 413-6	10.7	22
53	Functional and molecular imaging: applications for diagnosis and staging of localised prostate cancer. <i>Clinical Oncology</i> , 2013 , 25, 451-60	2.8	13
52	Fully automated prostate segmentation on MRI: comparison with manual segmentation methods and specimen volumes. <i>American Journal of Roentgenology</i> , 2013 , 201, W720-9	5.4	42
51	Prostate cancer: can multiparametric MR imaging help identify patients who are candidates for active surveillance??. <i>Radiology</i> , 2013 , 268, 144-52	20.5	181
50	Automatic detection and quantification of tree-in-bud (TIB) opacities from CT scans. <i>IEEE Transactions on Biomedical Engineering</i> , 2012 , 59, 1620-32	5	22
49	Syntheses and characterization of lisinopril-coated gold nanoparticles as highly stable targeted CT contrast agents in cardiovascular diseases. <i>Langmuir</i> , 2012 , 28, 10398-408	4	67
48	Molecular imaging of human ACE-1 expression in transgenic rats. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 409-18	8.4	32
47	Correlation of magnetic resonance imaging tumor volume with histopathology. <i>Journal of Urology</i> , 2012 , 188, 1157-1163	2.5	152
46	Factor v leiden and inflammation. <i>Thrombosis</i> , 2012 , 2012, 594986		10

45	A novel spinal vertebrae segmentation framework combining geometric flow and shape prior with level set method 2012 ,		4
44	AUTOMATIC QUANTIFICATION OF TREE-IN-BUD PATTERNS FROM CT SCANS 2012 , 2012, 1459-1462	1.5	1
43	PET of HER2-positive pulmonary metastases with 18F-ZHER2:342 affibody in a murine model of breast cancer: comparison with 18F-FDG. <i>Journal of Nuclear Medicine</i> , 2012 , 53, 939-46	8.9	27
42	Diffusion-weighted MRI for detecting and monitoring cancer: a review of current applications in body imaging. <i>Diagnostic and Interventional Radiology</i> , 2012 , 18, 46-59	3.2	42
41	Optimization of an Intra-Bone Hematopoietic Stem Cell Delivery Technique in a Swine Model.. <i>Blood</i> , 2012 , 120, 2990-2990	2.2	
40	Identification of spinal vertebrae using mathematical morphology and level set method 2011 ,		3
39	Ventriculoperitoneal shunt leakage into a breast implant demonstrated by radionuclide cisternography. <i>Clinical Nuclear Medicine</i> , 2011 , 36, 1127-8	1.7	3
38	Synthesis and biological studies of highly concentrated lisinopril-capped gold nanoparticles for CT tracking of angiotensin converting enzyme (ACE) 2011 ,		3
37	A graph-theoretic approach for segmentation of PET images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 8479-82	0.9	29
36	Novel Molecular Imaging Detects Evidence of Altered Bone Marrow Biology in Myeloma Precursor Disease (MGUS and smoldering myeloma): A Prospective Clinical Study. <i>Blood</i> , 2011 , 118, 2888-2888	2.2	
35	Targeted in-vivo computed tomography (CT) imaging of tissue ACE using concentrated lisinopril-capped gold nanoparticle solutions 2010 ,		1
34	Biodistribution of HPMA copolymer-aminohexylgeldanamycin-RGDfK conjugates for prostate cancer drug delivery. <i>Molecular Pharmaceutics</i> , 2009 , 6, 1836-47	5.6	35
33	FDG PET/CT findings in acute adult mononucleosis mimicking malignant lymphoma. <i>European Journal of Haematology</i> , 2008 , 81, 154-6	3.8	47
32	Synthesis and evaluation of a series of $^{99m}\text{Tc}(\text{CO})_3^+$ lisinopril complexes for in vivo imaging of angiotensin-converting enzyme expression. <i>Journal of Nuclear Medicine</i> , 2008 , 49, 970-7	8.9	27
31	Targeting tissue angiotensin-converting enzyme for imaging cardiopulmonary fibrosis. <i>Current Cardiology Reports</i> , 2008 , 10, 128-34	4.2	10
30	The role and regulation of CD36 for fatty acid imaging of the heart: implications in diabetes mellitus and chronic kidney disease. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, S110-7	2.1	2
29	The role and regulation of cardiac angiotensin-converting enzyme for noninvasive molecular imaging in heart failure. <i>Current Cardiology Reports</i> , 2007 , 9, 150-8	4.2	14
28	Delayed recovery of fatty acid metabolism after transient myocardial ischemia: a potential imaging target for "ischemic memory". <i>Current Cardiology Reports</i> , 2007 , 9, 159-65	4.2	14

27	Targeting ischemic memory. <i>Current Opinion in Biotechnology</i> , 2007 , 18, 46-51	11.4	3
26	Isolated hemifacial hypertrophy: a case with upper airway obstruction and sensorineural hearing loss. <i>Journal of Laryngology and Otology</i> , 2006 , 120, 691-3	1.8	5
25	Stored platelets contain residual amounts of tissue factor: evidence from studies on platelet concentrates stored for prolonged periods. <i>Transfusion</i> , 2005 , 45, 572-9	2.9	13
24	Plasma homocysteine levels in living kidney donors before and after uninephrectomy. <i>Translational Research</i> , 2004 , 143, 340-3		12
23	Induction of microparticle- and cell-associated intravascular tissue factor in human endotoxemia. <i>Blood</i> , 2004 , 103, 4545-53	2.2	254
22	Intravascular Tissue Factor (TF) Is Predominantly Platelet-Associated during the Aplastic Phase of Hematopoietic Stem Cell Transplantation (HSCT).. <i>Blood</i> , 2004 , 104, 1928-1928	2.2	
21	Analysis of individual platelet-derived microparticles, comparing flow cytometry and capillary electrophoresis with laser-induced fluorescence detection. <i>Analyst, The</i> , 2003 , 128, 581-8	5	12
20	Angiographic assessment of myocardial perfusion in patients with isolated coronary artery ectasia. <i>American Journal of Cardiology</i> , 2003 , 91, 996-9, A7	3	34
19	Sickle blood contains tissue factor-positive microparticles derived from endothelial cells and monocytes. <i>Blood</i> , 2003 , 102, 2678-83	2.2	435
18	Deletion polymorphism of the angiotensin I converting enzyme gene is a potent risk factor for coronary artery ectasia. <i>British Heart Journal</i> , 2003 , 89, 213-4		20
17	Elevated whole-blood tissue factor procoagulant activity as a marker of restenosis after percutaneous transluminal coronary angioplasty and stent implantation. <i>Circulation</i> , 2003 , 108, 1581-4	16.7	34
16	Endothelial Nitric Oxide Gene Polymorphism (Glu298Asp) Is not Associated with Coronary Artery Disease in Turkish Population. <i>Thrombosis and Haemostasis</i> , 2002 , 87, 347-349	7	28
15	Is Homozygosity for the HR2 Haplotype a Risk Factor for Venous Thromboembolism?. <i>Thrombosis and Haemostasis</i> , 2002 , 87, 173-174	7	11
14	Unlike type 2 diabetes, type 1 does not interact with the codon 54 polymorphism of the fatty acid binding protein 2 gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 3735-9	5.6	9
13	Angiotensin I Converting Enzyme, Angiotensin II Type 1 Receptor and Angiotensinogen Polymorphisms and Early Myocardial Infarction in Turkish Population. <i>Thrombosis and Haemostasis</i> , 2002 , 88, 693-694	7	19
12	Interlaboratory Variation of Plasma Total Homocysteine Measurements: Results of Three Successive Homocysteine Proficiency Testing Surveys. <i>Clinical Chemistry</i> , 2002 , 48, 1539-1545	5.5	27
11	Methylenetetrahydrofolate reductase gene polymorphism and risk of premature myocardial infarction. <i>Clinical Cardiology</i> , 2001 , 24, 281-4	3.3	31
10	Cystatin C Is an Independent Predictor of Fasting and Post-Methionine Load Total Homocysteine Concentrations among Stable Renal Transplant Recipients. <i>Clinical Chemistry</i> , 2001 , 47, 1263-1268	5.5	7

9	C677T and A1298C Polymorphisms of the Methylenetetrahydrofolate Reductase Gene: Incidence and Effect of Combined Genotypes on Plasma Fasting and Post-Methionine Load Homocysteine in Vascular Disease. <i>Clinical Chemistry</i> , 2001 , 47, 661-666	5.5	140
8	Relation between the insertion/deletion polymorphism of the angiotensin I converting enzyme gene and restenosis after coronary stenting. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2000 , 7, 403-7		10
7	Influence of 699C-->T and 1080C-->T polymorphisms of the cystathionine beta-synthase gene on plasma homocysteine levels. <i>Clinical Genetics</i> , 2000 , 58, 455-9	4	30
6	Codon-54 polymorphism of the fatty acid-binding protein 2 gene is associated with elevation of fasting and postprandial triglyceride in type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 3155-60	5.6	49
5	Codon-54 Polymorphism of the Fatty Acid-Binding Protein 2 Gene Is Associated with Elevation of Fasting and Postprandial Triglyceride in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 3155-3160	5.6	38
4	Relation between plasma homocysteine concentration, the 844ins68 variant of the cystathionine beta-synthase gene, and pyridoxal-5'-phosphate concentration. <i>Molecular Genetics and Metabolism</i> , 1999 , 67, 352-6	3.7	46
3	Deletion polymorphism at the angiotensin-converting enzyme gene in Turkish patients with coronary artery disease. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1998 , 58, 491-5	2	27
2	Technetium-99m and ICG-labeled HPG (hyperbranched polyglycerol) as a SPECT/FL dual imaging nanoprobe for imaging blood cells: in vitro investigation using myelogenous leukemia cells. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1	1.5	
1	Synthesis and morphological studies of Tc-99m-labeled lupulone-conjugated Fe ₃ O ₄ @TiO ₂ nanocomposite, and in vitro cytotoxicity activity on prostate cancer cell lines. <i>Applied Organometallic Chemistry</i> , e6435	3.1	1