Ã–mer Aras

List of Publications by Year
in descending order

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102	3,321	172207	155451
papers	citations	29 h-index	55 g-index

104	104	104	4914
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sickle blood contains tissue factorâ€“positive microparticles derived from endothelial cells and monocytes. Blood, 2003, 102, 2678-2683.	0.6	483
2	Induction of microparticle- and cell-associated intravascular tissue factor in human endotoxemia. Blood, 2004, 103, 4545-4553.	0.6	277
3	Prostate Cancer: Can Multiparametric MR Imaging Help Identify Patients Who Are Candidates for Active Surveillance?. Radiology, 2013, 268, 144-152.	3.6	201
4	Correlation of Magnetic Resonance Imaging Tumor Volume with Histopathology. Journal of Urology, 2012, 188, 1157-1163.	0.2	188
5	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. Clinical Chemistry, 2001, 47, 661-666.	1.5	161
6	The SWI/SNF Protein PBRM1 Restrains VHL-Loss-Driven Clear Cell Renal Cell Carcinoma. Cell Reports, 2017, 18, 2893-2906.	2.9	153
7	Comparison of endorectal coil and nonendorectal coil T2W and diffusion-weighted MRI at 3 Tesla for localizing prostate cancer: Correlation with whole-mount histopathology. Journal of Magnetic Resonance Imaging, 2014, 39, 1443-1448.	1.9	138
8	Syntheses and Characterization of Lisinopril-Coated Gold Nanoparticles as Highly Stable Targeted CT Contrast Agents in Cardiovascular Diseases. Langmuir, 2012, 28, 10398-10408.	1.6	85
9	Codon-54 Polymorphism of the Fatty Acid-Binding Protein 2 Gene Is Associated with Elevation of Fasting and Postprandial Triglyceride in Type 2 Diabetes*. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 3155-3160.	1.8	57
10	Assessment of Prostate Cancer Aggressiveness by Use of the Combination of Quantitative DWI and Dynamic Contrast-Enhanced MRI. American Journal of Roentgenology, 2016, 206, 756-763.	1.0	56
11	FDG PET/CT findings in acute adult mononucleosis mimicking malignant lymphoma. European Journal of Haematology, 2008, 81, 154-156.	1.1	54
12	Relation between Plasma Homocysteine Concentration, the 844ins68 Variant of the Cystathionine Î²-Synthase Gene, and Pyridoxal-5â€²-Phosphate Concentration. Molecular Genetics and Metabolism, 1999, 67, 352-356.	0.5	52
13	Fully Automated Prostate Segmentation on MRI: Comparison With Manual Segmentation Methods and Specimen Volumes. American Journal of Roentgenology, 2013, 201, W720-W729.	1.0	52
14	Chemodynamic nanomaterials for cancer theranostics. Journal of Nanobiotechnology, 2021, 19, 192.	4.2	51
15	Interobserver variability of R.E.N.A.L., PADUA, and centrality index nephrometry score systems. World Journal of Urology, 2015, 33, 853-858.	1.2	47
16	Codon-54 Polymorphism of the Fatty Acid-Binding Protein 2 Gene Is Associated with Elevation of Fasting and Postprandial Triglyceride in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 3155-3160.	1.8	47
17	Diffusion weighted MRI for detecting and monitoring cancer: a review of current applications in body imaging. Diagnostic and Interventional Radiology, 2011, 18, 46-59.	0.7	46
18	Angiographic assessment of myocardial perfusion in patients with isolated coronary artery ectasia. American Journal of Cardiology, 2003, 91, 996-999.	0.7	45

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19	Biodistributionâ€‰ofâ€‰HPMAâ€‰Copolymer-Aminohexylgeldanamycin-RGDfKâ€‰Conjugatesâ€‰forâ€‰Prostateâ€‰Cancer Delivery. Molecular Pharmaceutics, 2009, 6, 1836-1847.	2.3	42
20	¹⁸F-Positron Emitting/Trimethine Cyanine-Fluorescent Contrast for Image-Guided Prostate Cancer Management. Journal of Medicinal Chemistry, 2018, 61, 4256-4262.	2.9	40
21	Elevated Whole-Blood Tissue Factor Procoagulant Activity as a Marker of Restenosis After Percutaneous Transluminal Coronary Angioplasty and Stent Implantation. Circulation, 2003, 108, 1581-1584.	1.6	39
22	Molecular Imaging of Human ACE-1 Expression in Transgenic Rats. JACC: Cardiovascular Imaging, 2012, 5, 409-418.	2.3	39
23	A graph-theoretic approach for segmentation of PET images. , 2011, 2011, 8479-82.		37
24	Influence of 699Câ†’T and 1080Câ†’T polymorphisms of the cystathionine Î²-synthase gene on plasma homocysteine levels. Clinical Genetics, 2000, 58, 455-459.	1.0	35
25	Methylenetetrahydrofolate reductase gene polymorphism and risk of premature myocardial infarction. Clinical Cardiology, 2001, 24, 281-284.	0.7	35
26	Combining histone deacetylase inhibitors (HDACis) with other therapies for cancer therapy. European Journal of Medicinal Chemistry, 2021, 226, 113825.	2.6	34
27	Interlaboratory Variation of Plasma Total Homocysteine Measurements: Results of Three Successive Homocysteine Proficiency Testing Surveys. Clinical Chemistry, 2002, 48, 1539-1545.	1.5	32
28	Functional Peptide Nanofibers with Unique Tumor Targeting and Enzymeâ€Induced Local Retention Properties. Advanced Functional Materials, 2018, 28, 1803969.	7.8	32
29	Endothelial Nitric Oxide Gene Polymorphism (Glu298Asp) Is not Associated with Coronary Artery Disease in Turkish Population. Thrombosis and Haemostasis, 2002, 87, 347-349.	1.8	31
30	Tumor Xenografts of Human Clear Cell Renal Cell Carcinoma But Not Corresponding Cell Lines Recapitulate Clinical Response to Sunitinib: Feasibility of Using Biopsy Samples. European Urology Focus, 2017, 3, 590-598.	1.6	31
31	Deletion polymorphism at the angiotensin-converting enzyme gene in Turkish patients with coronary artery disease. Scandinavian Journal of Clinical and Laboratory Investigation, 1998, 58, 491-496.	0.6	30
32	Small ultra-red fluorescent protein nanoparticles as exogenous probes for noninvasive tumor imaging in vivo. International Journal of Biological Macromolecules, 2020, 153, 100-106.	3.6	30
33	Synthesis and Evaluation of a Series of ^{99m}Tc(CO)₃⁺ Lisinopril Complexes for In Vivo Imaging of Angiotensin-Converting Enzyme Expression. Journal of Nuclear Medicine, 2008, 49, 970-977.	2.8	29
34	PET of HER2-Positive Pulmonary Metastases with ¹⁸F-Z_{HER2:342} Affibody in a Murine Model of Breast Cancer: Comparison with ¹⁸F-FDG. Journal of Nuclear Medicine, 2012, 53, 939-946.	2.8	29
35	Automatic Detection and Quantification of Tree-in-Bud (TIB) Opacities From CT Scans. IEEE Transactions on Biomedical Engineering, 2012, 59, 1620-1632.	2.5	29
36	Deletion polymorphism of the angiotensin I converting enzyme gene is a potent risk factor for coronary artery ectasia. British Heart Journal, 2003, 89, 213-214.	2.2	28

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37	New imaging probes to track cell fate: reporter genes in stem cell research. Cellular and Molecular Life Sciences, 2017, 74, 4455-4469.	2.4	28
38	Hyperpolarized MRI Visualizes Warburg Effects and Predicts Treatment Response to mTOR Inhibitors in Patient-Derived ccRCC Xenograft Models. Cancer Research, 2019, 79, 242-250.	0.4	27
39	A dual-modal PET/near infrared fluorescent nanotag for long-term immune cell tracking. Biomaterials, 2021, 269, 120630.	5.7	27
40	Bone marrow angiogenesis in myeloma and its precursor disease: a prospective clinical trial. Leukemia, 2014, 28, 413-416.	3.3	24
41	Angiotensin I Converting Enzyme, Angiotensin II Type 1 Receptor and Angiotensinogen Polymorphisms and Early Myocardial Infarction in Turkish Population. Thrombosis and Haemostasis, 2002, 88, 693-694.	1.8	22
42	Optimization of Intrabone Delivery of Hematopoietic Progenitor Cells in a Swine Model Using Cell Radiolabeling with [89]zirconium. American Journal of Transplantation, 2015, 15, 606-617.	2.6	22
43	The role and regulation of cardiac angiotensin-converting enzyme for noninvasive molecular imaging in heart failure. Current Cardiology Reports, 2007, 9, 150-158.	1.3	17
44	Delayed recovery of fatty acid metabolism after transient myocardial ischemia: A potential imaging target for â€œischemic memoryâ€• Current Cardiology Reports, 2007, 9, 159-165.	1.3	17
45	Functional and Molecular Imaging: Applications for Diagnosis and Staging of Localised Prostate Cancer. Clinical Oncology, 2013, 25, 451-460.	0.6	16
46	¹⁸F-positron-emitting/fluorescent labeled erythrocytes allow imaging of internal hemorrhage in a murine intracranial hemorrhage model. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 776-786.	2.4	16
47	Analysis of individual platelet-derived microparticles, comparing flow cytometry and capillary electrophoresis with laser-induced fluorescence detection. Analyst, The, 2003, 128, 581.	1.7	14
48	Stored platelets contain residual amounts of tissue factor: evidence from studies on platelet concentrates stored for prolonged periods. Transfusion, 2005, 45, 572-579.	0.8	14
49	Factor V Leiden and Inflammation. Thrombosis, 2012, 2012, 1-10.	1.4	14
50	A Fluorescent, [¹⁸F]-Positron-Emitting Agent for Imaging Prostate-Specific Membrane Antigen Allows Genetic Reporting in Adoptively Transferred, Genetically Modified Cells. ACS Chemical Biology, 2019, 14, 1449-1459.	1.6	14
51	Is Homozygosity for the HR2 Haplotype a Risk Factor for Venous Thromboembolism?. Thrombosis and Haemostasis, 2002, 87, 173-174.	1.8	13
52	Plasma homocysteine levels in living kidney donors before and after uninephrectomy. Translational Research, 2004, 143, 340-343.	2.4	13
53	A Pilot Study Into the Use of FDG-mNP as an Alternative Approach in Neuroblastoma Cell Hyperthermia. IEEE Transactions on Nanobioscience, 2016, 15, 517-525.	2.2	13
54	⁸⁹Zr Labeled Fe₃O₄@TiO₂ Nanoparticles: In Vitro Afffinities with Breast and Prostate Cancer Cells. Applied Organometallic Chemistry, 2020, 34, e5616.	1.7	13

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55	Small Molecule, Multimodal, [18F]-PET and Fluorescence Imaging Agent Targeting Prostate-Specific Membrane Antigen: First-in-Human Study. Clinical Genitourinary Cancer, 2021, 19, 405-416.	0.9	13
56	Relation between the Insertion/Deletion Polymorphism of the Angiotensin I Converting Enzyme Gene and Restenosis after Coronary Stenting. European Journal of Cardiovascular Prevention and Rehabilitation, 2000, 7, 403-407.	3.1	12
57	Targeting tissue angiotensin-converting enzyme for imaging cardiopulmonary fibrosis. Current Cardiology Reports, 2008, 10, 128-134.	1.3	12
58	An [¹⁸F]-Positron-Emitting, Fluorescent, Cerebrospinal Fluid Probe for Imaging Damage to the Brain and Spine. Theranostics, 2017, 7, 2377-2391.	4.6	11
59	Recent Advances in Paclitaxel-based Self-Delivery Nanomedicine for Cancer Therapy. Current Medicinal Chemistry, 2021, 28, 6358-6374.	1.2	11
60	Cystatin C Is an Independent Predictor of Fasting and Post-Methionine Load Total Homocysteine Concentrations among Stable Renal Transplant Recipients. Clinical Chemistry, 2001, 47, 1263-1268.	1.5	10
61	Unlike Type 2 Diabetes, Type 1 Does Not Interact with the Codon 54 Polymorphism of the Fatty Acid Binding Protein 2 Gene. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 3735-3739.	1.8	10
62	¹⁹F MRI Nanotheranostics for Cancer Management: Progress and Prospects. ChemMedChem, 2022, 17, .	1.6	9
63	Isolated hemifacial hypertrophy: a case with upper airway obstruction and sensorineural hearing loss. Journal of Laryngology and Otology, 2006, 120, 691-693.	0.4	8
64	Prostate MRSI predicts outcome in radical prostatectomy patients. Magnetic Resonance Imaging, 2016, 34, 674-681.	1.0	8
65	Facile synthesis of near-infrared bodipy by donor engineering for in vivo tumor targeted dual-modal imaging. Journal of Materials Chemistry B, 2021, 9, 9308-9315.	2.9	8
66	One-Step, Rapid, 18Fâ€“19F Isotopic Exchange Radiolabeling of Difluoro-dioxaborinins: Substituent Effect on Stability and In Vivo Applications. Journal of Medicinal Chemistry, 2020, 63, 12693-12706.	2.9	7
67	A novel spinal vertebrae segmentation framework combining geometric flow and shape prior with level set method. , 2012, , .		6
68	Targeting the mTOR Pathway in Hurthle Cell Carcinoma Results in Potent Antitumor Activity. Molecular Cancer Therapeutics, 2022, 21, 382-394.	1.9	6
69	Synthesis and biological studies of highly concentrated lisinopril-capped gold nanoparticles for CT tracking of angiotensin converting enzyme (ACE). Proceedings of SPIE, 2011, , .	0.8	5
70	An in-vivo pilot study into the effects of FDG-mNP in cancer in mice. PLoS ONE, 2018, 13, e0202482.	1.1	5
71	An [¹⁸F]-Positron Emitting Fluorophore Allows Safe Evaluation of Small Molecule Distribution in the CSF, CSF Fistulas, and CNS Device Placement. Molecular Pharmaceutics, 2019, 16, 3636-3646.	2.3	5
72	Ventriculoperitoneal Shunt Leakage Into a Breast Implant Demonstrated by Radionuclide Cisternography. Clinical Nuclear Medicine, 2011, 36, 1127-1128.	0.7	4

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73	Tissue Morphology and Gene Expression Characterisation of Transplantable Adenocarcinoma Bearing Mice Exposed to Fluorodeoxyglucose-Conjugated Magnetic Nanoparticles. Journal of Biomedical Nanotechnology, 2018, 14, 1979-1991.	0.5	4
74	Thymoquinone Glucuronide Conjugated Magnetic Nanoparticle for Bimodal Imaging and Treatment of Cancer as a Novel Theranostic Platform. Current Radiopharmaceuticals, 2021, 14, 23-36.	0.3	4
75	Simultaneous injection of 18F-BF3- Cy3-ACUPA and non-radioactive Cy7-ACUPA probes: a promising pre-biopsy PET and ex vivo fluorescence imaging approach to evaluate prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3732-3733.	3.3	4
76	Optimization of an Intra-Bone Hematopoietic Stem Cell Delivery Technique in a Swine Model.. Blood, 2012, 120, 2990-2990.	0.6	4
77	A near-infrared probe for non-invasively monitoring cerebrospinal fluid flow by 18F-positron emitting tomography and fluorescence. EJNMMI Research, 2020, 10, 37.	1.1	4
78	The role and regulation of CD36 for fatty acid imaging of the heart: Implications in diabetes mellitus and chronic kidney disease. Journal of Nuclear Cardiology, 2007, 14, S110-S117.	1.4	3
79	Targeting ischemic memory. Current Opinion in Biotechnology, 2007, 18, 46-51.	3.3	3
80	Targeted in-vivo computed tomography (CT) imaging of tissue ACE using concentrated lisinopril-capped gold nanoparticle solutions. Proceedings of SPIE, 2010, , .	0.8	3
81	Identification of spinal vertebrae using mathematical morphology and level set method. , 2011, , .		3
82	Characterizing Ionizing Radiation Exposure after T-Cell Depleted Allogeneic Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2018, 24, S252-S253.	2.0	3
83	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. Acta Radiologica, 2020, 61, 821-829.	0.5	3
84	Synthesis and morphological studies of Tcâ€99mâ€labeled lupuloneâ€conjugated Fe 3 O 4 @TiO 2 nanocomposite, and in vitro cytotoxicity activity on prostate cancer cell lines. Applied Organometallic Chemistry, 0, , e6435.	1.7	3
85	Interactive Feature Space ExplorerÂ© for multi-modal magnetic resonance imaging. Magnetic Resonance Imaging, 2015, 33, 804-815.	1.0	2
86	Selective Intra-Arterial Lutetium-177-Labeled Prostate-Specific Membrane Antigen Therapy for Castration-Resistant Prostate Cancer: Initial Results. Journal of Vascular and Interventional Radiology, 2022, 33, 342-345.	0.2	2
87	Preparation of lisinopril-capped gold nanoparticles for molecular imaging of angiotensin-converting enzyme. Proceedings of SPIE, 2009, , .	0.8	1
88	Automatic quantification of Tree-in-Bud patterns from CT scans. , 2012, 2012, 1459-1462.		1
89	Improved noninvasive prostate cancer assessment using multiparametric magnetic resonance imaging. , 2016, , .		1
90	Extraction and radioiodination of Gingko flavonoids and monitoring the cellular incorporation. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 271-278.	0.7	1

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91	Multifunctional molecular imaging probes for estrogen receptors: 99mTc labeled diethylstilbestrol (DES) conjugated, cuinp quantum dot nanoparticles (DESCIP). Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 2609-2620.	0.7	1
92	Complicated pubovesical fistula on PET/CT and MRI. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3335-3336.	3.3	1
93	Analysis of metastatic involvement in bone using anatomical and functional information from 18F-FDG PET/CT. Nuclear Medicine Communications, 2017, 38, 780-787.	0.5	0
94	Preliminary study: myocardial T1 relaxation time in patients with ischemic findings and normal findings on coronary angiography. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2021, 67, 418-425.	0.3	0
95	225Actinium-labeled prostate-specific membrane antigen targeting peptide induces complete response in a metastatic prostate cancer patient. Acta Radiologica Open, 2021, 10, 205846012110225.	0.3	0
96	Intravascular Tissue Factor (TF) Is Predominantly Platelet-Associated during the Aplastic Phase of Hematopoietic Stem Cell Transplantation (HSCT).. Blood, 2004, 104, 1928-1928.	0.6	0
97	Novel Molecular Imaging Detects Evidence of Altered Bone Marrow Biology in Myeloma Precursor Disease (MGUS and smoldering myeloma): A Prospective Clinical Study. Blood, 2011, 118, 2888-2888.	0.6	0
98	Abstract 4291: Near-infrared optical imaging visualizes tumor cell death induced by adoptive transferred T cells. , 2012, , .		0
99	Abstract 369: Role of bone marrow angiogenesis in myeloma and its precursor disease: a prospective clinical trial.. , 2013, , .		0
100	Diagnostic Performance of T2- weighted sequences in Upper Abdominal Magnetic Resonance Imaging: BLADE Technique or HASTE Technique?. Journal of Clinical Medicine of Kazakhstan, 2019, 1, 37-43.	0.1	0
101	Success and reliability of extrafemoral Exoseal vascular closure device: â€œOff-labelâ€•usage. Interventional Medicine & Applied Science, 2020, 11, 182-186.	0.2	0
102	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. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 43-54.	0.7	0