

Ayfer Yurt Kilcar

List of Publications by Year in descending order

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48
papers

383
citations

932766

10
h-index

996533

15
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48
all docs

48
docs citations

48
times ranked

423
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and radiolabeling of folic acid modified nanostructured lipid carriers as a contrast agent and drug delivery system. <i>Applied Radiation and Isotopes</i> , 2017, 119, 72-79.	0.7	33
2	<i>In Vitro</i> Incorporation of Radioiodinated Eugenol on Adenocarcinoma Cell Lines (Caco2, MCF7,) Tj ETQq0 0 0 rgBT /Overlock 10 Tt	0.7	24
3	A perspective on plant origin radiolabeled compounds, their biological affinities and interaction between plant extracts with radiopharmaceuticals. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 306, 1-9.	0.7	21
4	Green synthesis of silver nanoparticles by using eugenol and evaluation of antimicrobial potential. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4969.	1.7	16
5	Isolation of hydroxytyrosol from olive leaves extract, radioiodination and investigation of bioaffinity using <i>in vivo/in vitro</i> methods. <i>Radiochimica Acta</i> , 2013, 101, 585-593.	0.5	15
6	Radiolabeling of codeine with ¹³¹ I and its biodistribution in rats. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009, 280, 363-370.	0.7	14
7	Superparamagnetic iron oxide nanoparticle (SPION) mediated <i>in vitro</i> radiosensitization at megavoltage radiation energies. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 315, 595-602.	0.7	14
8	Synthesis of a Novel Antiestrogen Radioligand (^{99m} Tc-TOR-DTPA). <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2009, 24, 707-716.	0.7	12
9	^{99m} Tc labeled plumbagin: estrogen receptor dependent examination against breast cancer cells and comparison with PLGA encapsulated form. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 13-22.	0.7	12
10	Biological affinity evaluation of Lawsonia inermis origin Lawsone compound and its radioiodinated form via <i>in vitro</i> methods. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 701-708.	0.7	11
11	Effects of broccoli extract on biodistribution and labeling blood components with ^{99m} Tc-GH. <i>Acta Cirurgica Brasileira</i> , 2011, 26, 339-345.	0.3	10
12	Radioiodination and biodistribution of isolated lawsone compound from Lawsonia inermis (henna) leaves extract. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 302, 225-232.	0.7	10
13	The Effect of Bitter Melon (<i>Momordica charantia</i>) Extract on the Uptake of ^{99m} Tc Labeled Paclitaxel: <i>In Vitro</i> Monitoring in Breast Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 1497-1503.	0.9	10
14	Radiolabeling of Morphine with ¹³¹ I and Its Biodistribution in Rats. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2010, 25, 409-416.	0.7	9
15	Preparation and bioevaluation of ^{99m} Tc carbonyl complex of guanine. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 289, 845-849.	0.7	9
16	Radiolabeling of methanol extracts of yarrow (<i>Achillea millefolium</i> L) in rats. <i>Acta Cirurgica Brasileira</i> , 2012, 27, 294-300.	0.3	9
17	Synthesis, radiolabeling and biodistribution of a new opioid glucuronide derivative: ethyl-morphine glucuronide (em-glu). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 292, 667-673.	0.7	8
18	Synthesis, radiolabeling and <i>in vivo</i> biodistribution of diethylstilbestrol phosphate derivative (DES-P). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 293, 57-66.	0.7	8

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19	Radioiodine labeled CdSe/CdS quantum dots: Lectin targeted dual probes. <i>Radiochimica Acta</i> , 2014, 102, 849-859.	0.5	8
20	Synthesis of a theranostic agent: radioiodinated PEGylated PLGA-indocyanine capsules and in vitro determination of their bioaffinity on ovarian, cervical and breast cancer cells. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 659-670.	0.7	8
21	Radioiodinated Ginger Compounds (6-gingerol and 6-shogaol) and Incorporation Assays on Breast Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 1129-1139.	0.9	8
22	Synthesis, radiolabeling and biodistribution of morphine glucuronide (mor-glu). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 291, 849-857.	0.7	7
23	In vitro evaluation of radiolabeled (¹²⁵ I) methanol extracts of yarrow in cell lines of MCF-7, PC-3, A-549 and Caco-2. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 593-599.	0.7	7
24	Synthesis, characterization and biodistribution of ^{99m} Tc-Bioquin-HMPAO (^{99m} Tc-BH) as a novel brain imaging agent. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 302, 563-573.	0.7	7
25	A new approach to liquid penetrant inspection: radiolabeled QDots. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 313, 291-297.	0.7	7
26	One-step conjugation of glycylglycine with [¹⁸ F]FDG and a pilot PET imaging study. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 457-463.	0.7	7
27	Bioavailability of ^{99m} Tc-paclitaxel-glucuronide (^{99m} Tc-PAC-G). <i>Radiochimica Acta</i> , 2011, 99, 301-306.	0.5	6
28	<i>In vivo</i> biological evaluation of ¹³¹ I radiolabeled-paclitaxel glucuronide (¹³¹ I-PAC-G). <i>Radiochimica Acta</i> , 2012, 100, 339-345.	0.5	6
29	Effect of a plant origin drug on the biodistribution of ^{99m} Tc-DTPA in Wistar albino rats. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 344-349.	0.6	6
30	Extraction, radiolabeling, and biodistribution of thebaine in rats. <i>Medicinal Chemistry Research</i> , 2013, 22, 3459-3465.	1.1	6
31	Investigation of Therapeutic Efficiency of Bleomycin and Bleomycin-Glucuronide Labeled with ¹³¹ I on the Cancer Cell Lines. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2013, 28, 310-319.	0.7	6
32	PLGA encapsulation and radioiodination of indole-3-carbinol: investigation of anticancerogenic effects against MCF7, Caco2 and PC3 cells by in vitro assays. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 1043-1052.	0.7	6
33	Isolation of resveratrol from peanut sprouts, radioiodination and investigation of its bioactivity on neuroblastoma cell lines. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 325, 75-84.	0.7	6
34	Anti toxic effect of broccoli extract on stannous dichloride toxicity. <i>Acta Cirurgica Brasileira</i> , 2012, 27, 606-610.	0.3	5
35	Effect of rosemary (<i>Rosmarinus officinalis</i>) extract on the biodistribution of ^{99m} Tc sulphur colloid and on the radiolabeled blood constituents. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 182-185.	0.6	4
36	Diethylenetriamine Pentaacetic Acid Derivative of Toremfene and <i>In Vitro</i> Evaluation in Human Breast Cancer Cell Line MCF-7. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2011, 26, 105-111.	0.7	3

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37	Interaction between green tea extract and ^{99m} Tc-pertechnetate on in vivo distribution. Journal of Radioanalytical and Nuclear Chemistry, 2014, 300, 1021-1026.	0.7	3
38	PLGA encapsulation effect on Bioquin-HMPAO: radiolabeling and in vitro behaviour on brain and lung cancer cells. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 155-164.	0.7	3
39	Investigation of therapeutic efficiency of phenytoin (PHT) labeled with radioactive ¹³¹ I in the cancer cell lines. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 131-140.	0.7	3
40	Investigation of nanoformulation and incorporation potential of radiolabeled curcumin using HeLa and MDAH-2774 cells. Journal of Radioanalytical and Nuclear Chemistry, 2021, 327, 299-305.	0.7	3
41	Magnetic nanoparticle-conjugated and radioiodinated-DESC: in vitro and in vivo efficiency investigation. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 63-69.	0.7	2
42	In Vitro/In Vivo Evaluation of Radiolabeled [^{99m} Tc(CO) ₃]+Hydroxyurea and Fluorescein Isothiocyanate-Hydroxyurea. Cancer Biotherapy and Radiopharmaceuticals, 2016, 31, 14-19.	0.7	2
43	^{99m} Tc(I) carbonyl-radiolabeled lipid based drug carriers for temozolomide delivery and bioevaluation by <i>in vitro</i> and <i>in vivo</i> . Radiochimica Acta, 2019, 107, 1185-1193.	0.5	2
44	Preparation of technetium-99m labeled ibuprofen by direct route and technetium-99m tricarbonyl route: a comparison of <i>in vivo</i> behaviors. Drug Development and Industrial Pharmacy, 2020, 46, 1108-1113.	0.9	2
45	Radioiodination of Pimonidazole as a Novel Theranostic Hypoxia Probe. Current Radiopharmaceuticals, 2021, 14, 46-50.	0.3	2
46	Thymidine kinase enzyme selective imaging radiopharmaceutical: ^{99m} Tc(CO) ₃ -Ganciclovir. Radiochimica Acta, 2013, 101, 123-128.	0.5	1
47	Extraction and radioiodination of Ginkgo flavonoids and monitoring the cellular incorporation. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 271-278.	0.7	1
48	mTOR inhibitors from a diagnostic perspective: radiolabeling of everolimus and its nanoformulation, in vitro incorporation assays against cervix and ovarian cancer cells. Journal of Radioanalytical and Nuclear Chemistry, 0, , 1.	0.7	1