Sanja Vranjes-Duric

List of Publications by Year
in descending order

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43 papers	1,192 citations	394421 19 h-index	377865 34 g-index
43 all docs	43 docs citations	43 times ranked	1792 citing authors

#	Article	IF	Citations
1	Distinct Cytotoxic Mechanisms of Pristine versus Hydroxylated Fullerene. Toxicological Sciences, 2006, 91, 173-183.	3.1	264
2	The mechanism of cell-damaging reactive oxygen generation by colloidal fullerenes. Biomaterials, 2007, 28, 5437-5448.	11.4	112
3	Multiple mechanisms underlying the anticancer action of nanocrystalline fullerene. European Journal of Pharmacology, 2007, 568, 89-98.	3.5	88
4	Inactivation of nanocrystalline C60 cytotoxicity by Î³-irradiation. Biomaterials, 2006, 27, 5049-5058.	11.4	64
5	The biological effectiveness of antiproton irradiation. Radiotherapy and Oncology, 2006, 81, 233-242.	0.6	60
6	Recommendations for In Vitro and In Vivo Testing of Magnetic Nanoparticle Hyperthermia Combined with Radiation Therapy. Nanomaterials, 2018, 8, 306.	4.1	50
7	Preparation andin vivoevaluation of multifunctional⁹⁰Y-labeled magnetic nanoparticles designed for cancer therapy. Journal of Biomedical Materials Research - Part A, 2015, 103, 126-134.	4.0	48
8	^{99m}Tc-, ⁹⁰Y-, and ¹⁷⁷Lu-Labeled Iron Oxide Nanoflowers Designed for Potential Use in Dual Magnetic Hyperthermia/Radionuclide Cancer Therapy and Diagnosis. ACS Applied Materials & Interfaces, 2019, 11, 41109-41117.	8.0	45
9	Opposite effects of nanocrystalline fullerene (C60) on tumour cell growth in vitro and in vivo and a possible role of immunosupression in the cancer-promoting activity of C60. Biomaterials, 2009, 30, 6940-6946.	11.4	42
10	Investigating an organ-targeting platform based on hydroxyapatite nanoparticles using a novel in situ method of radioactive 125Iodine labeling. Materials Science and Engineering C, 2014, 43, 439-446.	7.3	42
11	Preparation and biodistribution of radiolabeled fullerene C₆₀nanocrystals. Nanotechnology, 2009, 20, 385102.	2.6	36
12	Gallium-68 Labeled Iron Oxide Nanoparticles Coated with 2,3-Dicarboxypropane-1,1-diphosphonic Acid as a Potential PET/MR Imaging Agent: A Proof-of-Concept Study. Contrast Media and Molecular Imaging, 2017, 2017, 1-13.	0.8	31
13	Comparison of the Radiotoxicity of Two Alpha-Particle-Emitting Immunoconjugates, Terbium-149 and Bismuth-213, Directed against a Tumor-Specific, Exon 9 Deleted (d9) E-Cadherin Adhesion Protein. Radiation Research, 2003, 159, 612-620.	1.5	29
14	Antiproton radiotherapy. Radiotherapy and Oncology, 2008, 86, 14-19.	0.6	27
15	Development and evaluation of 90Y-labeled albumin microspheres loaded with magnetite nanoparticles for possible applications in cancer therapy. Journal of Materials Chemistry, 2012, 22, 24017.	6.7	27
16	99mTcâ€“bisphosphonateâ€“coated magnetic nanoparticles as potential theranostic nanoagent. Materials Science and Engineering C, 2019, 102, 124-133.	7.3	26
17	Bioevaluation of glucose-modified liposomes as a potential drug delivery system for cancer treatment using 177-Lu radiotracking. Journal of Controlled Release, 2021, 332, 301-311.	9.9	21
18	Modulation of Tumor Necrosis Factor-mediated Cell Death by Fullerenes. Pharmaceutical Research, 2008, 25, 1365-1376.	3.5	20

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19	Aminosilanized flower-structured superparamagnetic iron oxide nanoparticles coupled to 131I-labeled CC49 antibody for combined radionuclide and hyperthermia therapy of cancer. International Journal of Pharmaceutics, 2020, 587, 119628.	5.2	19
20	TiO2/APTES cross-linked to carboxylic graphene based impedimetric glucose biosensor. Microchemical Journal, 2020, 158, 105150.	4.5	17
21	Particle size analysis: ⁹⁰Y and ^{99m}Tcâ€labelled colloids. Journal of Microscopy, 2008, 232, 601-604.	1.8	14
22	Design and preparation of ⁹⁰Y-labeled imidodiphosphate- and inositol hexaphosphate-coated magnetic nanoparticles for possible medical applications. Journal of Materials Chemistry B, 2017, 5, 8738-8747.	5.8	12
23	90Y-Labeled Tin Fluoride Colloid as a Promising Therapeutic Agent: Preparation, Characterization, and Biological Study in Rats. Journal of Pharmaceutical Sciences, 2012, 101, 2194-2203.	3.3	10
24	Nanotechnologies for early diagnosis, in situ disease monitoring, and prevention. , 2018, , 1-92.		10
25	Effect of Peroral Administration of Chromium on Insulin Signaling Pathway in Skeletal Muscle Tissue of Holstein Calves. Biological Trace Element Research, 2017, 180, 223-232.	3.5	9
26	Synthesis and biological evaluation of ^{99m}Tc tricarbonyl complex of O,Oâ€²â€diethylethylenediamineâ€N,Nâ€²â€diâ€3â€propanoate as potential tumour diagnostic agent. Applied Organometallic Chemistry, 2016, 30, 81-88.	3.5	7
27	Hemocompatibility of gallium-68 labeled iron oxide nanoparticles coated with 2,3-dicarboxypropane-1,1-diphosphonic acid. Materials Science and Engineering C, 2020, 115, 111121.	7.3	7
28	CORTISOL CONCENTRATIONS IN HAIR, BLOOD AND MILK OF HOLSTEIN AND BUSHA CATTLE. Slovenian Veterinary Research, 2017, 54, .	0.2	7
29	The Acute Effect of Ethanol on Adrenal Cortex in Female Ratsâ€"Possible Role of Nitric Oxide. Alcohol and Alcoholism, 2011, 46, 523-528.	1.6	6
30	Ethanol and nitric oxide modulate expression of glucocorticoid receptor in the rat adrenal cortex. Pharmacological Reports, 2012, 64, 896-901.	3.3	6
31	Novel tetradentate diamine dioxime ligands: synthesis, characterization and in vivo behavior of their ^{99m}Tcâ€complexes. Applied Organometallic Chemistry, 2012, 26, 347-355.	3.5	6
32	Complementary approaches for the evaluation of biocompatibility of 90Y-labeled superparamagnetic citric acid (Fe,Er)3O4 coated nanoparticles. Materials Science and Engineering C, 2017, 75, 157-164.	7.3	5
33	Investigation of 177Lu-labeled HEDP, DPD, and IDP as potential bone pain palliation agents. Journal of Radiation Research and Applied Sciences, 2020, 13, 27-36.	1.2	5
34	Supplemental Selenium Reduces the Levels of Biomarkers of Oxidative and General Stress in Peripartum Dairy Cows / Dodati Selen SniÅ¾ava Nivoe Biomarkera Oksidativnog I OpÅ¡teg Stresa Kod MleÄnih Krava U Peripartalnom Periodu. Acta Veterinaria, 2015, 65, 191-201.	0.5	5
35	The analysis of 2,3-dicarboxypropane-1,1-diphosphonic acid-coated magnetite nanoparticles under an external magnetic field and their radiolabeling for possible theranostic applications. New Journal of Chemistry, 2019, 43, 5932-5939.	2.8	3
36	Magnetic nano- and micro-particles based on Gd-substituted magnetite with improved colloidal stability. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	3

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37	Transmittance Measurements in Non-alternating Magnetic Field as Reliable Method for Determining of Heating Properties of Phosphate and Phosphonate Coated Fe3O4ÂMagnetic Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 4426-4433.	3.7	3
38	Progesterone concentration, pregnancy and calving rate in Simmental dairy cows after oestrus synchronisation and hCG treatment during the early luteal phase. Acta Veterinaria Hungarica, 2017, 65, 446-458.	0.5	2
39	Tailoring IONP shape and designing nanocomposite IONS@GN toward modification of SPCE to enhance electrochemical degradation of organic dye. Materials Research Express, 2020, 7, 015509.	1.6	2
40	Magnetically induced controlled release from glucose-modified liposomes loaded with Fe3O4 nanoparticles. Journal of Nanoparticle Research, 2021, 23, 1.	1.9	1
41	Co(III), Ni(II) and Cu(II) complexes with a tetradentate Schiff base ligand: synthesis, characterization, electrochemical behavior, binding assessment and inÂvitro cytotoxicity. Journal of Coordination Chemistry, 0, , 1-14.	2.2	1
42	177Lu-doxycycline as potential radiopharmaceutical: electrochemical characterization, radiolabeling, and biodistribution in tumor-bearing mice. International Journal of Radiation Biology, 2021, 97, 1-9.	1.8	0
43	177Luâ€“labeled micro liposomes as a potential radiosynoviorthesis therapeutic agent. International Journal of Pharmaceutics, 2021, 608, 121106.	5.2	0