Elahe Alizadeh

List of Publications by Year in descending order

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Είλης Διιζλήση

#	Article	IF	CITATIONS
1	Biomolecular Damage Induced by Ionizing Radiation: The Direct and Indirect Effects of Low-Energy Electrons on DNA. Annual Review of Physical Chemistry, 2015, 66, 379-398.	10.8	347
2	Precursors of Solvated Electrons in Radiobiological Physics and Chemistry. Chemical Reviews, 2012, 112, 5578-5602.	47.7	309
3	Radiation Damage to DNA: The Indirect Effect of Low-Energy Electrons. Journal of Physical Chemistry Letters, 2013, 4, 820-825.	4.6	98
4	Identification of novel dynaminâ€related protein 1 (Drp1) GTPase inhibitors: <i>Therapeutic potential of Drpitor1 and Drpitor1a in cancer and cardiac ischemiaâ€reperfusion injury</i> . FASEB Journal, 2020, 34, 1447-1464.	0.5	68
5	A Single Subexcitationâ€Energy Electron Can Induce a Doubleâ€6trand Break in DNA Modified by Platinum Chemotherapeutic Drugs. ChemMedChem, 2014, 9, 1145-1149.	3.2	43
6	Mitochondria in the Pulmonary Vasculature in Health and Disease: Oxygen‣ensing, Metabolism, and Dynamics. , 2020, 10, 713-765.		39
7	Soft X-ray and Low Energy Electron-Induced Damage to DNA under N ₂ and O ₂ Atmospheres. Journal of Physical Chemistry B, 2011, 115, 4523-4531.	2.6	35
8	Oxygen sensing, mitochondrial biology and experimental therapeutics for pulmonary hypertension and cancer. Free Radical Biology and Medicine, 2021, 170, 150-178.	2.9	32
9	89Zr-nimotuzumab for immunoPET imaging of epidermal growth factor receptor I. Oncotarget, 2018, 9, 17117-17132.	1.8	31
10	Detailed dissociative electron attachment studies on the amino acid proline. International Journal of Mass Spectrometry, 2008, 277, 274-278.	1.5	27
11	Bond dissociation of the dipeptide dialanine and its derivative alanine anhydride induced by low energy electrons. Journal of Chemical Physics, 2011, 134, 054305.	3.0	27
12	Role of Humidity and Oxygen Level on Damage to DNA Induced by Soft X-rays and Low-Energy Electrons. Journal of Physical Chemistry C, 2013, 117, 22445-22453.	3.1	27
13	¹¹¹ In- and ²²⁵ Ac-Labeled Cixutumumab for Imaging and α-Particle Radiotherapy of IGF-1R Positive Triple-Negative Breast Cancer. Molecular Pharmaceutics, 2019, 16, 4807-4816.	4.6	23
14	Preclinical Evaluation of ¹¹¹ In-Labeled PEGylated Maytansine Nimotuzumab Drug Conjugates in EGFR-Positive Cancer Models. Journal of Nuclear Medicine, 2019, 60, 1103-1110.	5.0	22
15	Low-energy-electron interactions with DNA: approaching cellular conditions with atmospheric experiments. European Physical Journal D, 2014, 68, 1.	1.3	21
16	Induction of strand breaks in DNA films by low energy electrons and soft X-ray under nitrous oxide atmosphere. Radiation Physics and Chemistry, 2012, 81, 33-39.	2.8	18
17	Thymidine Decomposition Induced by Low-Energy Electrons and Soft X Rays under N ₂ and O ₂ Atmospheres. Radiation Research, 2014, 181, 629-640.	1.5	16
18	Negative ion formation by low energy electron attachment to gas-phase 5-nitrouracil. International Journal of Mass Spectrometry, 2008, 277, 291-295.	1.5	15

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19	DNA-Platinum Thin Films for Use in Chemoradiation Therapy Studies. Bioinorganic Chemistry and Applications, 2012, 2012, 1-9.	4.1	14
20	Measurements of <i>G</i> Values for DNA Damage Induced by Low-Energy Electrons. Journal of Physical Chemistry B, 2011, 115, 14852-14858.	2.6	13
21	Supraâ€eoronary aortic banding improves right ventricular function in experimental pulmonary arterial hypertension in rats by increasing systolic right coronary artery perfusion. Acta Physiologica, 2020, 229, e13483.	3.8	12
22	Recent Advances in Plasma-Based Cancer Treatments: Approaching Clinical Translation through an Intracellular View. Biophysica, 2021, 1, 48-72.	1.4	12
23	99mTc(CO)3+ labeled domain I/II-specific anti-EGFR (scFv)2 antibody fragment for imaging EGFR expression. European Journal of Medicinal Chemistry, 2018, 157, 437-446.	5.5	11
24	Absolute measurements of radiation damage in nanometer-thick films. Radiation Protection Dosimetry, 2012, 151, 591-599.	0.8	9
25	Low-energy electron-induced dissociation in gas-phase nicotine, pyridine, and methyl-pyrrolidine. Journal of Chemical Physics, 2017, 147, 094303.	3.0	9
26	Nimotuzumab Site-Specifically Labeled with 89Zr and 225Ac Using SpyTag/SpyCatcher for PET Imaging and Alpha Particle Radioimmunotherapy of Epidermal Growth Factor Receptor Positive Cancers. Cancers, 2020, 12, 3449.	3.7	8
27	Concussion/Mild Traumatic Brain Injury (TBI) Induces Brain Insulin Resistance: A Positron Emission Tomography (PET) Scanning Study. International Journal of Molecular Sciences, 2021, 22, 9005.	4.1	8
28	¹¹¹ In-Labeled Glycoprotein Nonmetastatic b (GPNMB) Targeted Gemini Surfactant-Based Nanoparticles against Melanoma: In Vitro Characterization and in Vivo Evaluation in Melanoma Mouse Xenograft Model. Molecular Pharmaceutics, 2019, 16, 542-551.	4.6	7
29	Development and preclinical evaluation of cixutumumab drug conjugates in a model of insulin growth factor receptor I (IGF-1R) positive cancer. Scientific Reports, 2020, 10, 18549.	3.3	7
30	Large-Scale Image Analysis for Investigating Spatio-Temporal Changes in Nuclear DNA Damage Caused by Nitrogen Atmospheric Pressure Plasma Jets. International Journal of Molecular Sciences, 2020, 21, 4127.	4.1	6
31	Low-energy electron-induced dissociation in condensed-phase L-cysteine II: a comparative study on anion desorption from chemisorbed and physisorbed films. European Physical Journal D, 2016, 70, 1.	1.3	5
32	89Zr-Labeled Domain II-Specific scFv-Fc ImmunoPET Probe for Imaging Epidermal Growth Factor Receptor In Vivo. Cancers, 2021, 13, 560.	3.7	5
33	Transient Anions in Radiobiology and Radiotherapy: From Gaseous Biomolecules to Condensed Organic and Biomolecular Solids. , 0, , .		4
34	On the possibility of using low-energy electron stimulated desorption of ions as a surface probe: Analysis of Au substrates. International Journal of Mass Spectrometry, 2016, 394, 33-41.	1.5	3
35	Environmental and Safety Aspects of Using Tritium in Fusion. Journal of Fusion Energy, 2006, 25, 47-55.	1.2	2
36	Electron induced degradation of condensed Fe(CO) ₅ studied by electron stimulated desorption. Journal of Physics: Conference Series, 2015, 635, 062012.	0.4	2

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37	Low-energy Electrons Interactions with Chemisorbed and Physisorbed Films of L-cysteine/Au(111). Journal of Physics: Conference Series, 2015, 635, 062008.	0.4	1
38	Absolute vibrational cross sections for low energy electron (1-19 eV) scattering from condensed tetrahydrofuran (THF). Journal of Physics: Conference Series, 2015, 635, 062013.	0.4	0