

Seiko Nakagawa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9216819/publications.pdf>

Version: 2024-02-01

19
papers

51
citations

1937685
4
h-index

1872680
6
g-index

19
all docs

19
docs citations

19
times ranked

42
citing authors

#	ARTICLE	IF	CITATIONS
1	Dense radical formation in L-alanine-3,3,3-d ₃ and L-alanine-d ₄ by 1.5 ÅkeV soft X-ray irradiation. Radiation Physics and Chemistry, 2022, 192, 109884.	2.8	3
2	Formation of radicals in irradiated maltose – the role of hydrogen bonding with water. Free Radical Research, 2022, , 1-6.	3.3	0
3	Application of the oxidation of iodide by organic halogen peroxide for a new 3D gel dosimeter. Journal of Radioanalytical and Nuclear Chemistry, 2021, 329, 1491-1496.	1.5	2
4	ESR spectral change of radicals produced in L-alanine-3,3,3-d ₃ and L-alanine-d ₄ . -A new pathway to produce the de-hydrogen radical and the hydrogen exchange reactions of the de-amino radical. Radiation Physics and Chemistry, 2019, 165, 108406.	2.8	1
5	Radiation-induced debromination of 1,2-dibromotetrafluoroethane (Halon2402) in alcohols followed by Br [•] formation – A pulse radiolysis study. Radiation Physics and Chemistry, 2019, 157, 40-46.	2.8	1
6	3.2.7 – Spin Trapping of Radicals in Methanol Solution Irradiated by Heavy Ion Beams – Effect of Specific Energy and LET. Radioisotopes, 2019, 68, 285-291.	0.2	1
7	Improvement of the method to estimate the relative reaction rate constants of hydroxyl radical with polyphenols using ESR spin trap: X-ray irradiation of water with a flowing system. Free Radical Research, 2017, 51, 749-754.	3.3	3
8	Relative yields of radicals produced in deuterated methanol by irradiation. Radiation Physics and Chemistry, 2016, 122, 73-76.	2.8	3
9	ESR spin trapping of radicals in methanol solution irradiated by heavy ion beams. Dependence on specific energy and LET. Nuclear Instruments & Methods in Physics Research B, 2015, 356-357, 108-113.	1.4	2
10	Chain reaction on de-halogenation of 1,2-dibromotetrafluoroethane and 1,1,2-trichlorotrifluoroethane induced by irradiation in alcohols. Radiation Physics and Chemistry, 2015, 108, 29-32.	2.8	1
11	LET and dose rate effect on radiation-induced copolymerization in physical gel. Nuclear Instruments & Methods in Physics Research B, 2014, 334, 64-68.	1.4	2
12	Solvent effect on copolymerization of maleimide with styrene induced by irradiation of ion and electron beams. Radiation Physics and Chemistry, 2013, 91, 143-147.	2.8	3
13	Estimation of Relative Reaction Rate of Hydroxy Radical with Poly-hydroxy Benzenes: ESR Spin Trapping Combined with UV-A Photolysis. Analytical Sciences, 2013, 29, 377-380.	1.6	7
14	LET and dose rate effect on radiation-induced copolymerization of maleimide with styrene in 2-propanol solution. Radiation Physics and Chemistry, 2011, 80, 1199-1202.	2.8	6
15	Reaction mechanism of hydroxymaleimide induced by ¹³⁷ I-irradiation in alcohol solvents. Radiation Physics and Chemistry, 2010, 79, 705-709.	2.8	6
16	Degradation of hydroxymaleimide in 2-propanol by irradiation of energetic heavy ions (II) – N ₂ -saturated system. Radiation Physics and Chemistry, 2010, 79, 890-893.	2.8	3
17	Reaction mechanism of hydroxymaleimide induced by ¹³⁷ I-irradiation in alcohol solvents. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 587-591.	1.4	0
18	Degradation of hydroxymaleimide in 2-propanol by irradiation of energetic heavy ions (I). Radiation Physics and Chemistry, 2008, 77, 1230-1232.	2.8	4

#	ARTICLE	IF	CITATIONS
19	Solvent effect on the products of $\hat{\text{I}}^3$ -irradiation of hydroxyimides and hydroxybenzotriazole. Radiation Physics and Chemistry, 2005, 74, 86-91.	2.8	3