

Jarosław Sadło

List of Publications by Year in descending order

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41
papers

364
citations

840776

11
h-index

888059

17
g-index

42
all docs

42
docs citations

42
times ranked

438
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative X- and Q-Band EPR Study of Radiation-Induced Radicals in Tooth Enamel. <i>Radiation Research</i> , 2002, 158, 615-625.	1.5	30
2	Silver Agglomeration in SAPO-5 and SAPO-11 Molecular Sieves. <i>The Journal of Physical Chemistry</i> , 1995, 99, 4679-4686.	2.9	28
3	Crucial role of lysosomal iron in the formation of dinitrosyl iron complexes in vivo. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 345-352.	2.6	27
4	EPR and ENDOR of radiation-induced CO ₃ ^{•-} radicals in human tooth enamel heated at 400°C. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 3275-3278.	1.7	26
5	Synthetic Calcite as a Scaffold for Osteoinductive Bone Substitutes. <i>Annals of Biomedical Engineering</i> , 2016, 44, 2145-2157.	2.5	19
6	Electron spin resonance and electron spin echo modulation studies on radiation-induced silver agglomeration in a SAPO-42 molecular sieve: a comparison with isostructural zeolite A. <i>The Journal of Physical Chemistry</i> , 1993, 97, 10440-10444.	2.9	18
7	Electron spin resonance studies on silver atoms in imogolite fibers. <i>Applied Clay Science</i> , 2001, 19, 173-178.	5.2	18
8	Radiation degradation and stability of PBAT: copolymer of aromatic and aliphatic esters. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46682.	2.6	15
9	Multifrequency electron paramagnetic resonance study on deproteinized human bone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 1206-1209.	3.9	14
10	Variable Inhibitory Effects on the Formation of Dinitrosyl Iron Complexes by Deferoxamine and Salicylaldehyde Isonicotinoyl Hydrazone in K562 Cells. <i>Hemoglobin</i> , 2008, 32, 157-163.	0.8	13
11	Tetrameric silver clusters in rho zeolite stable above room temperature – ESR studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 115, 239-247.	4.7	11
12	Multifrequency EPR study on radiation induced centers in calcium carbonates labeled with ¹³ C. <i>Nukleonika</i> , 2015, 60, 429-434.	0.8	11
13	LDL dinitrosyl iron complex acts as an iron donor in mouse macrophages. <i>Journal of Inorganic Biochemistry</i> , 2018, 188, 29-37.	3.5	10
14	Nonstationary Two-Dimensional Nuclear Magnetic Resonance: A Method for Studying Reaction Mechanisms in Situ. <i>Analytical Chemistry</i> , 2019, 91, 11306-11315.	6.5	10
15	Radiation-induced radicals in aliphatic poly(ester urethane)s studied by EPR spectroscopy. <i>Journal of Molecular Structure</i> , 2013, 1036, 488-493.	3.6	9
16	Influence of gamma and electron beam sterilization on the stability of a premixed injectable calcium phosphate cement for trauma indications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 77, 116-124.	3.1	9
17	Radiation-induced silver agglomeration in molecular sieves: A comparison between A and X zeolites. <i>Radiation Physics and Chemistry</i> , 1995, 45, 909-915.	2.8	8
18	Products of the Reaction of 9-Nickelafuorenyllithium Complexes with Water. <i>Organometallics</i> , 2008, 27, 3618-3621.	2.3	8

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19	EPR studies of radicals generated by $\hat{\text{I}}^3$ -radiation in nanocrystalline hydroxyapatites prepared by dry milling. <i>Journal of Molecular Structure</i> , 2012, 1022, 61-67.	3.6	7
20	Coordination of iron ions in the form of histidinyl dinitrosyl complexes does not prevent their genotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6732-6738.	3.0	7
21	Comparison of radical processes in non-aged and radiation-aged polyethylene unprotected or protected by antioxidants. <i>Materials Today Communications</i> , 2020, 25, 101521.	1.9	7
22	Radical processes induced in poly(siloxaneurethaneureas) by ionising radiation. <i>Polymer Degradation and Stability</i> , 2006, 91, 2182-2188.	5.8	6
23	Carbon-centered radicals in $\hat{\text{I}}^3$ -irradiated bone substituting biomaterials based on hydroxyapatite. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2061-2068.	3.6	6
24	Effect of gamma radiation and accelerated electron beam on stable paramagnetic centers induction in bone mineral: influence of dose, irradiation temperature and bone defatting. <i>Cell and Tissue Banking</i> , 2014, 15, 413-428.	1.1	5
25	LDL dinitrosyl iron complex: A new transferrin-independent route for iron delivery in hepatocytes. <i>BioFactors</i> , 2018, 44, 192-201.	5.4	5
26	EPR and ESEEM Studies on Silver Hydroxymethyl Radicals in Molecular Sieves.. <i>Acta Chemica Scandinavica</i> , 1997, 51, 330-333.	0.7	5
27	Interaction of tetrameric silver with ammonia in AgCs-rho zeolite. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 1717-1720.	2.8	4
28	Optimization of Novel Human Acellular Dermal Dressing Sterilization for Routine Use in Clinical Practice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8467.	4.1	4
29	Impact of electron beam treatment on copolymers of polylactide and poly(trimethylene carbonate) in an air atmosphere. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50184.	2.6	4
30	Stabilisation of reactive intermediates in molecular sieves. <i>Research on Chemical Intermediates</i> , 2007, 33, 793-806.	2.7	3
31	Formation of glutathionyl dinitrosyl iron complexes protects against iron genotoxicity. <i>Dalton Transactions</i> , 2015, 44, 12640-12652.	3.3	3
32	Radicals initiated by gamma rays in selected amino acids and collagen. <i>Nukleonika</i> , 2019, 64, 11-17.	0.8	3
33	Silver Agglomeration in SAPO-42 and Isostructural Zeolite A: EPR and ESEM Studies. <i>Studies in Surface Science and Catalysis</i> , 1994, 84, 957-964.	1.5	2
34	C-Centered Radicals in $\hat{\text{I}}^3$ -Irradiated H-ZSM-5 Exposed to CO. <i>Journal of Physical Chemistry C</i> , 2012, 116, 16098-16104.	3.1	2
35	Photochemical Hydrogen Storage with Hexaazatrinaphthylene (HATN). <i>ChemPhysChem</i> , 2022, , .	2.1	2
36	Organosilver radicals in molecular sieves. <i>Studies in Surface Science and Catalysis</i> , 2008, 174, 933-936.	1.5	1

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37	ESR and DFT study of the paramagnetic carbon centers stabilized in $\hat{1}^3$ -irradiated zeolites exposed to carbon monoxide. <i>Microporous and Mesoporous Materials</i> , 2014, 195, 112-123.	4.4	1
38	The influence of sterilization on octacalcium phosphate for clinical applications. , 2020, , 55-84.		1
39	The combined effect of humidity and electron beam irradiation on collagen type I - implications for collagen-based devices. <i>Materials Today Communications</i> , 2022, 31, 103255.	1.9	1
40	Composites Containing Nanohydroxyapatites and a Stable TEMPO Radical: Preparation and Characterization Using Spectrophotometry, EPR and ^1H MAS NMR. <i>Materials</i> , 2022, 15, 2043.	2.9	1
41	Cover Feature: Photochemical Hydrogen Storage with Hexaazatrinaphthylene (<i>ChemPhysChem</i> 11/2022). <i>ChemPhysChem</i> , 2022, 23, .	2.1	0