

Martin Precek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5167458/publications.pdf>

Version: 2024-02-01

17
papers

167
citations

1163117

8
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative ultrafast spectroscopy and structural analysis of OCP1 and OCP2 from Tolypothrix. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2020, 1861, 148120.	1.0	22
2	Femtosecond-to-nanosecond dynamics of flavin mononucleotide monitored by stimulated Raman spectroscopy and simulations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 6538-6552.	2.8	22
3	The redox chemistry of neptunium in γ -irradiated aqueous nitric acid. <i>Radiochimica Acta</i> , 2013, 101, 259-266.	1.2	17
4	At the crossroad of photochemistry and radiation chemistry: formation of hydroxyl radicals in diluted aqueous solutions exposed to ultraviolet radiation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 29402-29408.	2.8	15
5	Kinetics of reduction of hexavalent neptunium by nitrous acid in solutions of nitric acid. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 286, 771-776.	1.5	14
6	Redox Reactions of Pu(IV) and Pu(III) in the Presence of Acetohydroxamic Acid in HNO ₃ Solutions. <i>Inorganic Chemistry</i> , 2009, 48, 11935-11944.	4.0	13
7	ELI-beamlines: extreme light infrastructure science and technology with ultra-intense lasers. <i>Proceedings of SPIE</i> , 2014, , .	0.8	12
8	Soft x-ray free-electron laser induced damage to inorganic scintillators. <i>Optical Materials Express</i> , 2015, 5, 254.	3.0	11
9	Reduction of Np(VI) in Irradiated Solutions of Nitric Acid. <i>Procedia Chemistry</i> , 2012, 7, 51-58.	0.7	9
10	The role of oxidizing radicals in neptunium speciation in γ -irradiated nitric acid. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 296, 27-30.	1.5	7
11	Effect of Gamma Irradiation on the Oxidation State of Neptunium in Nitric Acid in the Presence of Selected Scavengers. <i>Separation Science and Technology</i> , 2010, 45, 1699-1705.	2.5	6
12	The redox chemistry of neptunium in γ -irradiated aqueous nitric acid in the presence of an organic phase. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 1005-1009.	1.5	6
13	A study of the kinetics of the reduction of neptunium(VI) by acetohydroxamic acid in perchloric acid. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010, 9, 012073.	0.6	5
14	Spectroscopy and excited state dynamics of nearly infinite polyenes. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 17867-17879.	2.8	3
15	Kinetics of oxidation of pentavalent neptunium by pentavalent vanadium in solutions of nitric acid. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010, 9, 012074.	0.6	2
16	Dose Rate Effects in Fluorescence Chemical Dosimeters Exposed to Picosecond Electron Pulses: An Accurate Measurement of Low Doses at High Dose Rates. <i>Radiation Research</i> , 2021, 197, .	1.5	2
17	Design and development of the HELL user station: beam transport, characterization, and shielding. , 2015, , .		1