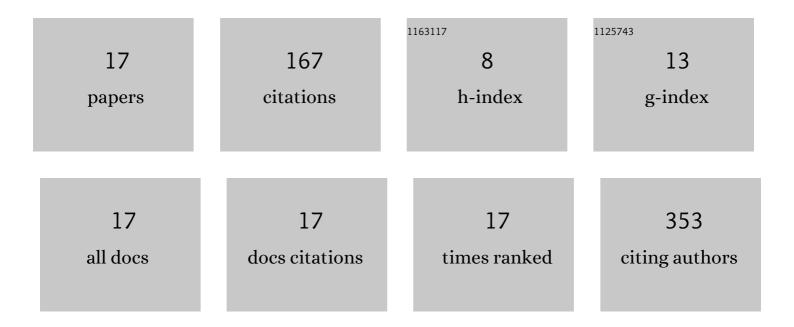
## Martin Precek

List of Publications by Year in descending order

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MADTIN DECER

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