

Advanced oxidation of dexamethasone by activated peroxo compounds in water matrices : A comparative study

Onga, Liina; Dulova, Niina; Kattel-Salusoo, Eneliis Water 2025 / art. 2303 <https://doi.org/10.3390/w17152303>
<http://www.mdpi.com/2073-4441/17/15/2303>

Advanced oxidation processes (AOPs) - a water treatment technology for the 21-st Century

Munter, Rein "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 212-222

Can removal of middle molecular uremic retention solutes be estimated by UV-absorbance measurements in spent dialysate?

Lauri, Kai; Luman, Merike; Holmar, Jana; Tomson, Ruth; Kalle, Sigrid; Arund, Jürgen; Uhlin, Nils Fredrik Arne; Fridolin, Ivo World Congress on Medical Physics and Biomedical Engineering, June 7–12, 2015, Toronto, Canada 2015 / p. 1297 - 1300
https://doi.org/10.1007/978-3-319-19387-8_315 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Clearance variations monitored by on-line UV-absorbance during haemodialysis

Uhlin, Nils Fredrik Arne; Fridolin, Ivo; Magnusson, Martin; Lindberg, L. NBC'05 UMEA : 13th Nordic Baltic Conference on Biomedical Engineering and Medical Physics : June 13th-17th, 2005, Umea, Sweden 2005 / p. 174-175 : ill

Comparative study of perhydropolysilazane protective films

Shmagina, Elizaveta; Danilson, Mati; Mikli, Valdek; Bereznev, Sergei Surface engineering 2022 / p. 769-777 : ill
<https://doi.org/10.1080/02670844.2022.2155445> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of eluents for lead and cadmium fractionation in waters by non-suppressed ion chromatography with UV and GFAAS detection

Lepane, Viia; Viitak, Anu; Treumann, Maili; Kaljurand, Mihkel Balaton Symposium'99 on High-Performance Separation Methods : September 1-3, 1999, Siófok, Hungary : book of abstracts 1999 / p. P-152

CuInSe₂ thin films deposited by UV laser ablation

Tverjanovich, Andrey; Borisov, Evgeny N.; Vasilieva, E.S.; Tolochko, O.V.; Vahhi, I.E.; Bereznev, Sergei; Tveryanovich, Yuri S. Solar energy materials & solar cells 2006 / p. 3624-3632 : ill

Degradation of aqueous nitrophenols by ozone combined with UV-radiation and hydrogen peroxide

Trapido, Marina; Veressinina, Jelena; Kallas, Juha Ozone : science & engineering 2001 / 4, p. 333-342 : ill

Degradation of ceftriaxone in aqueous solution by heterogeneous photo-activated persulfate system [Online resource]

Kattel, Eneliis; Balpreet Kaur; Trapido, Marina; Dulova, Niina EMEC18 : Chemistry Towards an Infinite Environment, 18th European Meeting on Environmental Chemistry : book of abstracts 2017 / p. 108 : ill http://www.europeanace.com/file_download/82

Degradation of nitrophenols by ozone combined with UV-radiation and hydrogen peroxide

Trapido, Marina; Veressinina, Jelena; Kallas, Juha Proceedings of the International Conference on Applications of Ozone and also on UV and Related Ozone Technologies (in conjunction with IUVA) : AT Wasser Berlin 2000 : October 23-26 2000 / p. 421-435

Degradation of pharmaceuticals by advanced oxidation technologies in aqueous matrices = Ravimite lagundamine vesikeskkonnas süvaoksüdatsioonitehnoloogiatega

Epold, Irina 2015 <https://digi.lib.ttu.ee/i/?3698> https://www.ester.ee/record=b4513257*est

Development of Rare-Earth-Free Zinc Silicate as a Novel Deep UV Emitter : Synthesis Strategies and Luminescent Properties = Haruldaste muldmetallide vaba tsinksilikaadi kui uue süva-UV kiirguri arendus : sünteesistrateegiad ja luminesentsents omadused

Necib, Jallouli 2025 <https://digikogu.taltech.ee/et/Item/67078497-d42a-4e55-8a09-d665a3a023b1> <https://doi.org/10.23658/taltech.63/2025>
https://www.ester.ee/record=b5754738*est

Effect of accelerated weathering on the mechanical properties of wood-plastic composites

Kallakas, Heikko; Poltimäe, Triinu; Süld, Tiia-Maaja; Kers, Jaan Baltic Polymer Symposium 2014 : programme and abstracts : Laulasmaa, Estonia, September 24-26, 2014 2014 / p. 75

Effects of UV-B radiation on molecular weight distribution and fluorescence from humic substances in riverine and low salinity water

Lepane, Viia; Persson, T.; Wedborg, M. Estuarine, coastal and shelf science 2003 / p. 161-173 : ill
<https://www.sciencedirect.com/science/article/pii/S0272771402001543>

Elucidating reaction mechanism by molten salt of potential rare-earth-free Zn₂SiO₄ UV-B emitter: Insights into morphology and emission features

Necib, Jallouli; Feldbach, Eduard; Romet, Ivo; Nagirnyi, Vitali; Hussainova, Irina; Jüstel, Thomas; Rojas Hernandez, Rocio Estefania Ceramics international 2025 / p. 34922-34931 : ill <https://doi.org/10.1016/j.ceramint.2025.05.212>

Endine epidemoloog: koroonavõidab lahtine aken, mitte suletud majandus [Võrguväljaanne]

Trei, Toomas epl.delfi.ee 2021 ["Endine epidemoloog: koroonavõidab lahtine aken, mitte suletud majandus"](#)

Heterojunctions on ZnS base as detectors of ultraviolet rays

Kulcha, A.; Lomako, V.; Hiie, Jaan; Mellikov, Enn 11th International Symposium on Photon-Detectors, Weimar, September, 11-13, 1984 1984 / S. [25]

Hoidke oma nahka! : [raamatust: Veismann, U., Eerme, K. Päikese ultraviolettkiirgus ja atmosfääriosoon]

Kallis, Ain Horisont 2012 / lk. 60

The influence of accelerated weathering on the mechanical and physical properties of wood-plastic composites

Kallakas, Heikko; Poltimäe, Triinu; Süld, Tiia-Maaja; Kers, Jaan; Krumme, Andres Proceedings of the Estonian Academy of Sciences 2015 / p. 94-104 : ill <https://doi.org/10.3176/proc.2015.1S.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of birch false heartwood on the physical and mechanical properties of wood-plastic composites

Kallakas, Heikko; Ayansola, Gbenga; Tumanov, Tanel; Goljandin, Dmitri; Poltimäe, Triinu; Krumme, Andres; Kers, Jaan Bioresources 2019 / p. 3554-3566 : ill <https://doi.org/10.15376/biores.14.2.3554-3566> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of UV-absorbers to color change of wood-coating systems

Rohumaa, Anti; Süld, Tiia-Maaja; Kaps, Tiit Stambiamolekuli junginiu chemija ir technologija = Polymer chemistry and technology : konferencijos pranešimu medžiaga 1999 / p. 67-72: ill

Insener: leedvalguse revolutsiooni mõju alles uuritakse [Võrguväljaanne]

Merivoo-Parro, Maarja novaator.err.ee 2021 ["Insener: leedvalguse revolutsiooni mõju alles uuritakse"](#)

Interaction of firefly luciferase and silver nanoparticles and its impact on enzyme activity

Käkinen, Aleksandr; Ding, Feng; Chen, Pengyu; Mortimer, Monika; Kahru, Anne; Ke, Pu Chun Nanotechnology 2013 / art. 345101 <https://doi.org/10.1088/0957-4484/24/34/345101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of deep UV emission of rare-earth-free Zn₂SiO₄ micropowders : the correlation of structural and luminescence properties

Necib, Jallouli; Feldbach, Eduard; Romet, Ivo; Nagirnyi, Vitali; Hussainova, Irina; Rojas Hernandez, Rocio Estefania Journal of luminescence 2025 / art. 121070 <https://doi.org/10.1016/j.jlumin.2025.121070>

Keemilistest muudatustest UV-kiiritatud puidupinnal

Kaps, Tiit; Harvonen, Piia; Rebane, Helen XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 48-49

Lonidamiini fotodünaamiliste ja antineoplastiliste omaduste uurimine

Tšekulajev, Vladimir; Ševtšuk, Igor; Tšekulajeva, Ludmilla; Kahru, Anne XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 139-141 https://www.ester.ee/record=b1067568*est

LUGEJA KIRI: ostja karpi toidu pakendamise normiks tegemine on ebahügieeniline [Võrguväljaanne]

Raamets, Heli maaleht.ee 2021 ["LUGEJA KIRI: ostja karpi toidu pakendamise normiks tegemine on ebahügieeniline"](#)

Maapinnani jõudva päikese kiirguse muutlikkus ultraviolettpiirkonnas

Eerme, Kalju; Aun, Margit; Vaštšenko, Aleksei Kaugseire Eestis 2014 : artiklikogumik 2014 / lk. 156-165 : ill

Majapidamis- ja muud taolised elektriseadmed [Võrguteavik] : ohutus. Osa 2-27, Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel = Household and similar electrical appliances : safety. Part 2-27, Particular requirements for appliances for skin exposure to optical radiation (IEC 60335-2-27:2009, modified+IEC 60335-2-27:2009/A1:2012, modified+IEC 60335-2-27:2009/A2:2015, modified)

2020 https://www.ester.ee/record=b5386949*est

Majapidamis- ja muud taolised elektriseadmed [Võrguteavik] : ohutus. Osa 2-27, Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel = Household and similar electrical appliances : safety. Part 2-27, Particular requirements for appliances for skin exposure to optical radiation (IEC 60335-2-27:2009/A1:2012, modified)

2020 https://www.ester.ee/record=b5386956*est

Majapidamis- ja muud taolised elektriseadmed [Võrguteavik] : ohutus. Osa 2-27, Erinõuded naha kiiritusseadmetele, mis põhinevad optilisel kiirgusel = Household and similar electrical appliances : safety. Part 2-27, Particular requirements for appliances for skin exposure to optical radiation (IEC 60335-2-27:2009/A2:2015, modified)

2020 https://www.ester.ee/record=b5386968*est

Marge Türner: meie soov on pakkuda kliendile linna parimat teenindust

Uibo, Janeck Edasi 2020 / Lk. 98-99 https://www.ester.ee/record=b5223051*est

Miks me mõõdame päikesekiirgust?

Kallis, Ain Horisont 2008 / 3, lk. 10-11 : ill https://artiklid.elnet.ee/record=b2040720*est

Modelling of chlorophenol treatment in aqueous solutions. 1, Ozonation and ozonation combined with UV radiation under acidic conditions

Hautaniemi, Marjaana; Kallas, Juha; Munter, Rein; Trapido, Marina Ozone : science & engineering 1998 / 4, p. 259-282: ill

On the mechanism of cytotoxic action of UVA radiation towards mammalian cells

Ševtšuk, Igor; Tšekulajev, Vladimir; Tšekulajeva, Ludmilla; Kahru, Anne Joint Conference of Scandinavian Society of Cell Toxicology and Estonian Society of Toxicology : (SSCT & ETS 98) : Tallinn, October 23-26, 1998 : program and abstracts 1998 / l. 83

On the potential of Transparent Rare-Earth-Free ZnAl₂O₄ Ceramics targeted at the UV-C to UV-B emission

Rojas Hernandez, Rocio Estefania; Rubio-Marcos, Fernando; Romet, Ivo; Feldbach, Eduard; Buri, Maksym; John, David; Ivanov, Roman; Hussainova, Irina; Fernandez, José F.; Nagirnyi, Vitali Applied materials today 2024 / ar. 102230, 14 p. : ill <https://doi.org/10.1016/j.apmt.2024.102230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On-line monitoring of the spent dialysate during haemodialysis using UV-absorbance

Uhlin, Nils Fredrik Arne; Fridolin, Ivo Proceedings of the 34th International Conference of EDTNA/ERCA : Wien, Austria, 2005. 1 2005 / p. 46

An optical method for serum calcium and phosphorus level assessment during Hemodialysis

Holmar, Jana; Uhlin, Fredrik; Fernström, Anders; Luman, Merike; Jankowski, Joachim; Fridolin, Ivo Toxins 2015 / p. 719-727 <https://doi.org/10.3390/toxins7030719> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optical monitoring of dialysis dose

Uhlin, Nils Fredrik Arne; Fridolin, Ivo Modeling and control of dialysis systems. Vol. 2, Biofeedback systems and soft computing techniques of dialysis 2013 / p. 867-928 : ill https://doi.org/10.1007/978-3-642-27558-6_3 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Osoon, UV-kiirgus ja süvaoksüdatsioon - lahendusi tänapäeva aktuaalsetele keskkonnaprobleemidele

Munter, Rein Keskkonnatehnika 2011 / 5, lk. 14-15 : fot https://artiklid.elnet.ee/record=b2426038*est

Osooni ja UV-kiirguse sünergia : muljeid Los Angelesis peetud esimeselt IOA-IUVA kongressilt

Munter, Rein Keskkonnatehnika 2007 / 6, lk. 8-11 https://artiklid.elnet.ee/record=b1020913*est

Ozonation, ozone/UV and UV destruction of some environmental pollutants - a comparative study

Trapido, Marina; Veressinina, Jelena; Munter, Rein Environmental Applications of Advanced Oxidation Technologies : Second International Symposium, February 28 - March 1, 1996, San Francisco, California : Technology Overviews and Abstracts 1996 / p. 76-77

Ozonation, ozone/UV and UV destruction of some environmental pollutants : a comparative study

Trapido, Marina; Veressinina, Jelena; Munter, Rein Environmental Applications of Advanced Oxidation Technologies : proceedings of the Second International Symposium. Conference papers and posters 1997 / p. 4-90 - 4-101: ill

Ozonation, ozone/UV and UV/H₂O₂ degradation of chlorophenols

Trapido, Marina; Hirvonen, Arja; Veressinina, Jelena; Hentunen, Johanna; Munter, Rein Ozone : science & engineering 1997 / 1, p. 75-96: ill

Ozone and UV in chlorophenols treatment : mathematical modelling

Hautaniemi, Marjaana; Kallas, Juha; Trapido, Marina; Munter, Rein International Conference on Ozonation and Related Oxidation Processes in Water and Liquid Waste Treatment 1997 / p. II.3.1-II.3.16: ill

Photochemical transformation of polycyclic aromatic hydrocarbons on solid particles

Teinemaa, E.; Kirso, Uuve 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 150

Photo-induced oxidation of ceftriaxone by persulfate in the presence of iron oxides

Balpreet Kaur; Kuntus, Liina; Tikker, Priit; Kattel, Eneliis; Trapido, Marina; Dulova, Niina Science of the total environment 2019 / p. 165-175 : ill <https://doi.org/10.1016/j.scitotenv.2019.04.277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Polüaromaatsete süsivesinike fotokeemiline transformatsioon tahketel osakestel

Teinemaa, E.; Kirso, Uuve XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 138

Prillid eelmisest sajandist viska prügikasti : [TTÜ füüsikalaboris testiti päikesepillile]

Heinsoo, Enn Äripäev 2006 / 7. juuli, Puhkepäev, lk. 30-31 <https://www.aripaev.ee/uudised/2006/07/06/prillid-eelmisest-sajandist-viska-prugikasti>

Protein catabolic rate estimated by on-line monitoring of the UV-absorbance in the spent dialysate

Uhlin, Nils Fredrik Arne; **Fridolin, Ivo** American Society of Nephrology 37th Annual Meeting and Scientific exposition : St.Louis, Missouri, USA, 2004 2004 / [1] p <https://liu.diva-portal.org/smash/record.jsf?pid=diva2%3A249543&dsid=4914>

Tarmo Soomere: võti viirusest võitu saamiseks on UV-lampidega ventilatsioon. Kas ulme või lihtne füüsika? [Võrguväljaanne]

Eesmaa, Mari delfi.ee 2021 ["Tarmo Soomere: võti viirusest võitu saamiseks on UV-lampidega ventilatsioon. Kas ulme või lihtne füüsika?"](https://delfi.ee/2021/07/06/tarmo-soomere-voti-viirusest-voitu-saamiseks-on-uv-lampidega-ventilatsioon-kas-ulme-voi-lihtne-fuusika/)

Techniques involving UV absorption spectroscopy for estimation of structural changes in soil organic matter

Lepane, Viia; Otsep, Helen; Szajdak, Lech Wojciech; Szczepanski, Marek EGU General Assembly 2021 : vEGU21 : Gather Online : 19–30 April 2021 2021 / EGU21-15909, 1 p <https://doi.org/10.5194/egusphere-egu21-15909>

Total removed uric acid during dialysis estimated by on-line ultra violet absorbance in the spent dialysate [Electronic resource]

Uhlin, Nils Fredrik Arne; Lindberg, Lars-Göran; **Fridolin, Ivo** IFMBE proceedings 2005 / [6] p. [CD-ROM]
https://www.academia.edu/86162834/Total_removed_uric_acid_during_dialysis_estimated_by_on_line_ultra_violet_absorbance_in_the_spent_dialysate

Ultraviolet disinfection of secondary effluents

Savolainen, Riitta 35 научная конференция студентов вузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция строительства. Секция техники окружающей среды 1991 / с. 26-32: ил

Ultraviolett- ja infrapunakiirguse ümarlaud [messi ENEREX 2002 raames]

Arro, Priit; Soa, Margus Elektriala 2002 / 2, lk. 18-19

Ultraviolettkiirgus

Kallis, Ain Eesti ilma riskid 2012 / lk. 115-117 : ill

Urea rebound assessment based on UV absorbance in spent dialysate

Tomson, Ruth; Uhlin, Fredrik; Fridolin, Ivo Asaio journal 2014 / p. 459-465 : ill <https://doi.org/10.1097/MAT.0000000000000091>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

UV-Assisted chemical oxidation of antihypertensive Losartan in water

Balpreet Kaur; Dulova, Niina Journal of environmental management 2020 / art. 110170, 9 p. : ill
<https://doi.org/10.1016/j.jenvman.2020.110170> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Which process to prefer : ozonation versus typical AOPs

Munter, Rein; Trapido, Marina; Veressinina, Jelena; Goi, Anna; Kulik, Niina 2007 World Congress on Ozone and Ultraviolet Technologies : August 27-29, 2007, Los Angeles, California USA 2007 / p. Abs.195

Влияние УФ-облучения на процесс озонирования воды

Veressinina, Jelena; Siirde, Enno Процессы и аппараты химической технологии. 2 1988 / с. 53-61

Озонирование сточных вод с одновременным УФ-облучением

Preis, Sergei; Siirde, Enno Проблемы промышленной экологии 1988 / с. 16-22