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## [Analysis of Ti nanolayers irradiated with Xeq+ ions using synchrotron radiation based X-ray reflectometry \[1\]](#)

R. Stachura, D. Bana?, A. Kubala-Kuku?, I. Stabrawa, P. Jagodzi?ski, K. Szary, A. Foks, J. Braziewicz, J. Semaniak, M. Pajek, G. Aquilanti, I. Boži?evi? Mihali?, M. Teodorczyk

Nuclear Instruments and Methods in Physics Research Section B 536 (2023), 126-131;

DOI: 10.1016/j.nimb.2023.01.006

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- [Czytaj dalej wpis Analysis of Ti nanolayers irradiated with Xeq+ ions using synchrotron radiation based X-ray reflectometry \[1\]](#)

## [Energy deposition and formation of nanostructures in the interaction of highly charged xenon ions with gold nanolayers \[2\]](#)

I. Stabrawa, D. Bana?, A. Kubala-Kuku?, ?. Jab?o?ski, P. Jagodzi?ski, D. Sobota, K. Szary, M. Pajek, K. Skrzypiec, E. Mendyk, M. Borysiewicz, M.D. Majki?, N.N. Nedeljkovi?

Vacuum 210 (2023), 111860;

DOI: 10.1016/j.vacuum.2023.111860

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- [Czytaj dalej wpis Energy deposition and formation of nanostructures in the interaction of highly charged xenon ions with gold nanolayers \[2\]](#)

## [Modification of gold and titanium nanolayers using slow highly charged Xeq+ ions \[3\]](#)

I. Stabrawa, D. Bana?, A. Kubala-Kuku?, K. Szary, J. Braziewicz, J. Czub, ?. Jab?o?ski, P. Jagodzi?ski, D. Sobota, M. Pajek, K. Skrzypiec, E. Mendyk, M. Teodorczyk

*Modification of gold and titanium nanolayers using slow highly charged Xeq+ ions*

Nuclear Instruments and Methods in Physics Research Section B Volume 408 (2017), 235-240;  
[doi.org/10.1016/j.nimb.2017.05.001](https://doi.org/10.1016/j.nimb.2017.05.001)

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- [Czytaj dalej wpis Modification of gold and titanium nanolayers using slow highly charged Xeq+ ions \[3\]](#)

## [Effect of temperature on acid treatment of halloysite adsorbent for efficient](#)

## [removal of chloroanilines from an aqueous solution \[4\]](#)

Beata Szczepanik, Piotr M. S?omkiewicz, Magdalena Garnuszek, Pawe? Rogala, Dariusz Bana?, Aldona Kubala-Kuku?, Ilona Stabrawa

*Effect of temperature on acid treatment of halloysite adsorbent for efficient removal of chloroanilines from an aqueous solution*

Clays and Clay Minerals in Press (2017); doi.org/10.1346/CCMN.2017.064056

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## [Synthesis, characterization and photocatalytic activity of TiO<sub>2</sub>-halloysite and Fe<sub>2</sub>O<sub>3</sub>-halloysite nanocomposites for photodegradation of chloroanilines in water \[5\]](#)

Beata Szczepanik, Pawe? Rogala, Piotr M. S?omkiewicz, Dariusz Bana?, Aldona Kubala-Kuku?, Ilona Stabrawa  
*Synthesis, characterization and photocatalytic activity of TiO<sub>2</sub>-halloysite and Fe<sub>2</sub>O<sub>3</sub>-halloysite nanocomposites for photodegradation of chloroanilines in water*

Applied Clay Science in Press (2017); doi.org/10.1016/j.clay.2017.08.016

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- [Czytaj dalej wpis Synthesis, characterization and photocatalytic activity of TiO<sub>2</sub>-halloysite and Fe<sub>2</sub>O<sub>3</sub>-halloysite nanocomposites for photodegradation of chloroanilines in water \[5\]](#)

## [Application of TXRF and XRPD techniques for analysis of elemental and chemical composition of human kidney stones \[6\]](#)

A.Kubala-Kuku?, M. Arabski, I. Stabrawa, D. Bana?, W. Ró?a?ski, M. Lipi?ski, U. Majewska, J. Wudarczyk-Mo?ko, J. Braziewicz, M. Pajek, S.Gó?d?

*Application of TXRF and XRPD techniques for analysis of elemental and chemical composition of human kidney stones*

X-Ray Spectrometry 46 (2017) 412-420; doi: 10.1002/xrs.2778

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- [Czytaj dalej wpis Application of TXRF and XRPD techniques for analysis of elemental and chemical composition of human kidney stones \[6\]](#)

## [Investigation of gold nanofilms properties using X-ray reflectometry and spectroscopic ellipsometry methods \[7\]](#)

I.Stabrawa, D. Bana?, A. Kubala-Kuku?, J. Braziewicz, M. Pajek, U. Majewska, K. Dworecki, J. Wudarczyk- Mo?ko and S. Gó?d?

*Investigation of gold nanofilms properties using X-ray reflectometry and spectroscopic ellipsometry methods*

**Acta Physica Polonica part A 129 (2016), 233-236**

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- [Czytaj dalej wpis Investigation of gold nanofilms properties using X-ray reflectometry and spectroscopic ellipsometry methods \[7\]](#)

[\*\*Determination of element levels in human serum: Total Reflection X-ray Fluorescence applications \[8\]\*\*](#)

U. Majewska, P. ?y?wa, K. ?y?wa, D. Bana?, A. Kubala-Kuku?, J. Wudarczyk-Mo?ko, I. Stabrawa, J. Braziewicz, M. Pajek, G. Antczak, B. Borkowska, St. Gó?d?

*Determination of element levels in human serum: Total Reflection X-ray Fluorescence applications*

**Spectrochimica Acta B 122 (2016) 56-61**

<http://dx.doi.org/10.1016/j.sab.2016.05.001> [9]

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[\*\*Determination of lead at physiological level in human biological materials using the total reflection X-ray fluorescence analysis \[10\]\*\*](#)

A.Kubala-Kuku?, D. Bana?, J. Braziewicz, U. Majewska, M. Pajek, I. Stabrawa, J. Wudarczyk-Mo?ko, S.Gó?d?

*Determination of lead at physiological level in human biological materials using the total reflection X-ray fluorescence analysis*

**X-Ray Spectrometry 45 (2016) 318-324**

<http://onlinelibrary.wiley.com/doi/10.1002/xrs.2707/pdf> [11]

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- [Czytaj dalej wpis Determination of lead at physiological level in human biological materials using the total reflection X-ray fluorescence analysis \[10\]](#)

[\*\*Dosimetry in radiobiological studies with the heavy ion beam of the Warsaw cyclotron \[12\]\*\*](#)

U. Ka?mierczak, D. Bana?, J. Braziewicz, J. Czub, M. Jaskó?a, A. Korman, M. Kruszewski, A. Lankoff, H. Lisowska, A. Malinowska, T. St?pkowski, Z. Szefli?ski, M. Wojewódzka

*Dosimetry in radiobiological studies with the heavy ion beam of the Warsaw cyclotron*

**Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms, Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials**

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and Atom 365 (2015) 404–408

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- [9] <http://dx.doi.org/10.1016/j.sab.2016.05.001>
- [10] <https://onkol.kielce.pl/pl/nauka/determination-lead-physiological-level-human-biological-materials-using-total-reflection-x-ray>
- [11] <http://onlinelibrary.wiley.com/doi/10.1002/xrs.2707/pdf>
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