**Meynen Vera – list of publications :**

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* [**3D-printing of hierarchical porous ZSM-5 : the importance of the binder system**](https://repository.uantwerpen.be/link/irua/145136)

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* [CO2**dissociation in a packed bed DBD reactor : first steps towards a better understanding of plasma catalysis**](https://repository.uantwerpen.be/link/irua/144802)

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* [**Binding modes of phosphonic acid derivatives adsorbed on**TiO2**surfaces : assignments of experimental IR and NMR spectra based on DFT/PBC calculations**](https://repository.uantwerpen.be/link/irua/136407)

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[Ghulam Mustafa](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E223596%7Eirua), Wyns Kenny, Buekenhoudt Anita, **Meynen Vera**

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* [**Novel grafting method efficiently decreases irreversible fouling of ceramic nanofiltration membranes**](https://repository.uantwerpen.be/link/irua/119279)

[Ghulam Mustafa](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E223596%7Eirua), Wyns Kenny, Vandezande Pieter, Buekenhoudt Anita, **Meynen Vera**

Journal of membrane science - ISSN 0376-7388 - 470(2014), p. 369-377   
Full text (DOI uitgever): <http://dx.doi.org/doi:10.1016/J.MEMSCI.2014.07.050>   
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* [**Organic solvent nanofiltration with Grignard functionalised ceramic nanofiltration membranes**](https://repository.uantwerpen.be/link/irua/113870)

Rezaei Hosseinabadi S., Wyns K., **Meynen Vera**, Carleer R., Adriaensens P., Buekenhoudt A., Van der Bruggen B.

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Full text (DOI uitgever): <http://dx.doi.org/doi:10.1016/J.MEMSCI.2013.12.032>   
[c:irua:113870]

* [**Structured catalysts for methanol-to-olefins conversion : a review**](https://repository.uantwerpen.be/link/irua/117695)

[Lefevere Jasper](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E147649%7Eirua), Mullens Steven, **Meynen Vera**, Van Noyen Jasper

Chemical papers - ISSN 0366-6352 - Warsaw, De gruyter open ltd, 68:9(2014), p. 1143-1153   
Full text (DOI uitgever): <http://dx.doi.org/doi:10.2478/S11696-014-0568-0>   
Full text (open access): <https://repository.uantwerpen.be/docman/irua/d16ce7/117695.pdf>   
[c:irua:117695]

* [**Surface chemistry : the key-property of templated mesoporous carbons for sorption**](https://repository.uantwerpen.be/link/irua/125341)

Ignat Maria, **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), Harabagiu Valeria

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* [**Zeolite**β**nanoparticles based bimodal structures : mechanism and tuning of the porosity and zeolitic properties**](https://repository.uantwerpen.be/link/irua/112501)

[van Oers Cynthia](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129760%7Eirua), [Kurttepeli Mert](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E147457%7Eirua), Mertens Myriam, [Bals Sara](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E99600%7Eirua), **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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**Editoriaal**

* [**Environmental catalysis : topical issue**](https://repository.uantwerpen.be/link/irua/117694)

**Meynen Vera**, González-Velasco Juan-Ramón

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2013

**A1 Tijdschriftartikel**

* [**A new method to graft titania using Grignard reagents**](https://repository.uantwerpen.be/link/irua/109873)

[Van Heetvelde Pieter](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E147648%7Eirua), [Beyers Evi](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97432%7Eirua), Wyns K., Adriaensens P., [Maes Bert](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E99551%7Eirua), Mullens S., Buekenhoudt A., **Meynen Vera**

ChemComm / Royal Society of Chemistry [London] - ISSN 1364-548X - 49:62(2013), p. 6998-7000   
Full text (DOI uitgever): <http://dx.doi.org/doi:10.1039/C3CC43695K>   
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* [**Characterization and analysis of the adsorption immobilization mechanism of**β**-galactosidase on metal oxide powders**](https://repository.uantwerpen.be/link/irua/111300)

Satyawali Y., Van Roy S., [Roevens Annelore](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E148687%7Eirua), **Meynen Vera**, Mullens S., [Jochems Peter](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E127426%7Eirua), Doyen W., Cauwenberghs L., Dejonghe W.

RSC advances - ISSN 2046-2069 - 3:46(2013), p. 24054-24062   
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* [**Controlling pore size and uniformity of mesoporous titania by early stage low temperature stabilization**](https://repository.uantwerpen.be/link/irua/101757)

[Herregods Sebastiaan](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129010%7Eirua), Mertens Myrjam, [Van Havenbergh Kristof](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E130093%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), Buekenhoudt Anita, **Meynen Vera**

Journal of colloid and interface science - ISSN 0021-9797 - 391(2013), p. 36-44   
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[c:irua:101757]

* [**Hydrothermal synthesis of a concentrated and stable dispersion of**TiO2**nanoparticles**](https://repository.uantwerpen.be/link/irua/108889)

Souvereyns B., Elen K., De Dobbelaere C., **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), et al.

Chemical engineering journal - ISSN 0300-9467 - 223(2013), p. 135-144   
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[c:irua:108889]

* [**Microvolume TOC analysis as useful tool in the evaluation of lab scale photocatalytic processes**](https://repository.uantwerpen.be/link/irua/108887)

[Kus Monika](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E139281%7Eirua), [Ribbens Stefan](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129691%7Eirua), **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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* [**The benefit of design of support architectures for zeolite coated structured catalysts for methanol-to-olefin conversion**](https://repository.uantwerpen.be/link/irua/110562)

[Lefevere Jasper](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E147649%7Eirua), Gysen Marijn, Mullens Steven, **Meynen Vera**, van Noyen J.

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[c:irua:110562]

* [**Validation of in situ applicable measuring techniques for analysis of the water adsorption by stone**](https://repository.uantwerpen.be/link/irua/109872)

[Vandevoorde Delphine](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E138880%7Eirua), Cnudde Veerle, Dewanckele Jan, Brabant Loes, [de Bouw Michael](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E128543%7Eirua), **Meynen Vera**, [Verhaeven Eddy](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E106178%7Eirua)

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[c:irua:109872]

**P3 Congresverslag**

* [**Comparison of non-destructive techniques for analysis of the water absorbing behaviour of stone**](https://repository.uantwerpen.be/link/irua/119169)

[Vandevoorde Delphine](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E138880%7Eirua), Cnudde Veerle, Dewanckele Jan, Boone Matthieu, [de Bouw Michael](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E128543%7Eirua), **Meynen Vera**, Lehmann Eberhard, [Verhaeven Eddy](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E106178%7Eirua)

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[c:irua:119169]

2012

**A1 Tijdschriftartikel**

* [**A short solid-state synthesis leading to titanate compounds with porous structure and nanosheet morphology**](https://repository.uantwerpen.be/link/irua/93280)

Körösi László, Papp Szilvia, Csapó Edit, **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), Dékány Imre

Microporous and mesoporous materials: zeolites, clays, carbons and related materials - ISSN 1387-1811 - 147:1(2012), p. 53-58   
Full text (DOI uitgever): <http://dx.doi.org/doi:10.1016/J.MICROMESO.2011.05.030>   
[c:irua:93280]

* [**Experimental and statistical modeling study of low coverage gas adsorption of light alkanes on meso-microporous silica**](https://repository.uantwerpen.be/link/irua/96911)

Duerinck T., Leflaive P., Arik I.C., Pirngruber G., **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), Martens J.A., Baron G.V., Faraj A., Denayer J.F.M.

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[c:irua:96911]

* [**Formation of a Ti-siliceous trimodal material with macroholes, mesopores and zeolitic features via a one-pot templating synthesis**](https://repository.uantwerpen.be/link/irua/88367)

[Vernimmen Jarian](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129009%7Eirua), **Meynen Vera**, Mertens Myrjam, [Lebedev Oleg](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97518%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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[c:irua:88367]

* [**Is their potential for post-synthetic brominating reactions on benzene bridged PMOs?**](https://repository.uantwerpen.be/link/irua/101763)

[Smeulders Geert](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E130092%7Eirua), **Meynen Vera**, Houthoofd Kristof, Mullens Steven, Martens Johan A., [Maes Bert](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E99551%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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[c:irua:101763]

* [**Systematic evaluation of thermal and mechanical stability of different commercial and synthetic photocatalysts in relation to their photocatalytic activity**](https://repository.uantwerpen.be/link/irua/96910)

[Ribbens Stefan](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129691%7Eirua), [Beyers Evi](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97432%7Eirua), Schellens K., Mertens M., [Ke Xiaoxing](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E124570%7Eirua), [Bals Sara](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E99600%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua), **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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Full text (DOI uitgever): <http://dx.doi.org/doi:10.1016/J.MICROMESO.2012.01.036>   
[c:irua:96910]

* [**The impact of framework organic functional groups on the hydrophobicity and overall stability of mesoporous silica materials**](https://repository.uantwerpen.be/link/irua/96909)

[Smeulders Geert](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E130092%7Eirua), **Meynen Vera**, Silvestre-Albero Ana, Houthoofd Kristof, Mertens Myrjam, Silvetsre-Albero Joaquin, Martens Johan A., [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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[c:irua:96909]

**H2 Hoofdstuk in een boek**

* [**Hybrid organic-inorganic membranes for solvent filtration**](https://repository.uantwerpen.be/link/irua/96912)

**Meynen Vera**, Buekenhoudt A.

Advanced materials for membrane preparation / BuonomennaM.G. [edit.]; et al. [edit.] - ISBN 978-1-60805-308-7 - Sharjah, Bentham, 2012, p. 166-183   
[c:irua:96912]

2011

**A1 Tijdschriftartikel**

* [**Immersion calorimetry as a tool to evaluate the catalytic performance of titanosilicate materials in the epoxidation of cyclohexene**](https://repository.uantwerpen.be/link/irua/88366)

[Vernimmen Jarian](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129009%7Eirua), Guidotti Matteo, Silvestre-Albero Joaquin, Jardim Erika O., Mertens Myrjam, [Lebedev Oleg](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97518%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua), Psaro Rinaldo, Rodríguez-Reinoso Francisco, **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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* [**Mechanistic study of hydrocarbon formation in photocatalytic**CO2**reduction over Ti-SBA-15**](https://repository.uantwerpen.be/link/irua/94036)

Yang Chieh-Chao, [Vernimmen Jarian](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129009%7Eirua), **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), Mul Guido

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Full text (DOI uitgever): <http://dx.doi.org/doi:10.1016/J.JCAT.2011.08.005>   
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* [**New insights in the formation of combined zeolitic/mesoporous materials by using a one-pot templating synthesis**](https://repository.uantwerpen.be/link/irua/91574)

[Vernimmen Jarian](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129009%7Eirua), **Meynen Vera**, [Herregods Sebastiaan](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129010%7Eirua), Mertens Myrjam, [Lebedev Oleg](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97518%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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[c:irua:91574]

* [**Smart heating profiles for the synthesis of benzene bridged periodic mesoporous organosilicas**](https://repository.uantwerpen.be/link/irua/93630)

[Smeulders Geert](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E130092%7Eirua), [van Oers Cynthia](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129760%7Eirua), [Van Havenbergh Kristof](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E130093%7Eirua), Houthoofd Kristof, Mertens Myriam, Martens Johan A., [Bals Sara](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E99600%7Eirua), [Maes Bert](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E99551%7Eirua), **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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* [**Synthesis and catalytic applications of combined zeolitic/mesoporous materials**](https://repository.uantwerpen.be/link/irua/105398)

[Vernimmen Jarian](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129009%7Eirua), **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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[c:irua:105398]

* [**The benefit of glass bead supports for efficient gas phase photocatalysis : case study of a commercial and a synthesised photocatalyst**](https://repository.uantwerpen.be/link/irua/93364)

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**H2 Hoofdstuk in een boek**

* [**Synthesis processes of nanoporous solids**](https://repository.uantwerpen.be/link/irua/88368)

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2010

**A1 Tijdschriftartikel**

* [**Accessibility and dispersion of vanadyl sites of vanadium silicate-1 nanoparticles deposited in SBA-15**](https://repository.uantwerpen.be/link/irua/84070)

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* [**Influence of heat treatment on the in vitro bioactivity of alkali-treated titanium surfaces**](https://repository.uantwerpen.be/link/irua/88154)

Ravelingien Matthieu, Mullens Steven, Luyten Jan, **Meynen Vera**, [Vinck Evi](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97650%7Eirua), Vervaet Chris, Remon Jean-Paul

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* [**Textural property tuning of ordered mesoporous carbon obtained by glycerol conversion using SBA-15 silica as template**](https://repository.uantwerpen.be/link/irua/81540)

Ignat M., [van Oers Cynthia](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129760%7Eirua), [Vernimmen Jarian](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129009%7Eirua), Mertens C., [Potgieter-Vermaak Sanja](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97552%7Eirua), **Meynen Vera**, Popovici E., [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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* [**ZnO nanoparticles supported on mesoporous MCM-41 and SBA-15: a comparative physicochemical and photocatalytic study**](https://repository.uantwerpen.be/link/irua/84255)

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2009

**A1 Tijdschriftartikel**

* [**Combined**TiO2/SiO2**mesoporous photocatalysts with location and phase controllable**TiO2**nanoparticles**](https://repository.uantwerpen.be/link/irua/77150)

[Beyers Evi](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97432%7Eirua), [Biermans Ellen](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E127555%7Eirua), [Ribbens Stefan](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129691%7Eirua), [de Witte Koen](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E99532%7Eirua), Mertens M., **Meynen Vera**, [Bals Sara](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E99600%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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* [**Direct spectroscopic detection of framework-incorporated vanadium in mesoporous silica materials**](https://repository.uantwerpen.be/link/irua/77694)

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[van Oers Cynthia](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129760%7Eirua), Stevens W.J.J., Bruijn E., Mertens M., [Lebedev Oleg](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97518%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua), **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua)

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* [**Optimisation of the surface properties of SBA-15 mesoporous silica for in-situ nanoparticle synthesis**](https://repository.uantwerpen.be/link/irua/74949)

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* [**Synthesis and structural investigations on aluminium-free Ti-Beta/SBA-15 composite**](https://repository.uantwerpen.be/link/irua/74951)

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* [**Synthesis, structural characterization and photocatalytic activity of Ti-MCM-41 mesoporous molecular sieves**](https://repository.uantwerpen.be/link/irua/74957)

Mihai G.D., **Meynen Vera**, [Beyers Evi](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97432%7Eirua), Mertens M., Bilba N., [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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* [**Verified syntheses of mesoporous materials**](https://repository.uantwerpen.be/link/irua/77905)

**Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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2008

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* [**Development of photocatalytic efficient Ti-based nanotubes and nanoribbons by conventional and microwave assisted synthesis strategies**](https://repository.uantwerpen.be/link/irua/69696)

[Ribbens Stefan](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129691%7Eirua), **Meynen Vera**, [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua), [Ke Xiaoxing](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E124570%7Eirua), Mertens M., [Maes Bert](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E99551%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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* [**Mesoporous material formed by acidic hydrothermal assembly of silicalite-1 precursor nanoparticles in the absence of meso-templates**](https://repository.uantwerpen.be/link/irua/68229)

[Stevens Wesley](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E99646%7Eirua), **Meynen Vera**, Bruijn Erik, [Lebedev Oleg](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97518%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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[de Witte Koen](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E99532%7Eirua), [Ribbens Stefan](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E129691%7Eirua), **Meynen Vera**, de Witte I., Ruys L., [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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* [**The influence of preparation method on the physicochemical properties of titaniasilica aerogels: part two**](https://repository.uantwerpen.be/link/irua/76590)

Brodzik Krzystof, Walendziewski Jerzy, Stolarski Marek, [van Ginneken Luc](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E28617%7Eirua), [Elst Kathy](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E139737%7Eirua), **Meynen Vera**

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* [**The merging of silica-surfactant microspheres under hydrothermal conditions**](https://repository.uantwerpen.be/link/irua/72021)

Liu Shiquan, [Lebedev Oleg](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97518%7Eirua), Mertens Myrjam, **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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2007

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* [**Deposition of vanadium silicalite-1 nanoparticles on SBA-15 materials: structural and transport characteristics of SBA-VS-15**](https://repository.uantwerpen.be/link/irua/61567)

**Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua), Kortunov P., Grinberg F., Kärger J., Mertens M., [Lebedev Oleg](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97518%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua)

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* [**Epoxidation of propylene with nitrous oxide on**Rb2SO4**-modified iron oxide on silica catalysts**](https://repository.uantwerpen.be/link/irua/63614)

Moens Bart, de Winne Hendrik, Corthals Steven, Poelman Hilde, de Gryse R., **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), Sels Bert F., Jacobs Pierre A.

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* [**Fast fabrication of hollow silica spheres with thermally stable nanoporous shells**](https://repository.uantwerpen.be/link/irua/61566)

Cheng Xin, Liu Shiquan, Lu Lingchao, Sui Xueye, **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua), Jiang Jianzhuang

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* [**Growth of anatase nanoparticles inside the mesopores of SBA-15 for photocatalytic applications**](https://repository.uantwerpen.be/link/irua/58820)

Busuioc A.M., **Meynen Vera**, [Beyers Evi](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97432%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), Bilba N., [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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* [**Influence of MCM-41 silanol number on vanadia deposition by molecular designed dispersion method**](https://repository.uantwerpen.be/link/irua/66352)

Hanu Alina-Mihaela, Liu Shiquan, **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), Popovici Eveline, [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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**Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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Brodzik Krzysztof, Walendziewski Jerzy, Stolarski Marek, [van Ginneken Luc](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E28617%7Eirua), [Elst Kathy](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E139737%7Eirua), **Meynen Vera**

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* [**Transport properties of guest molecules in mesoporous SBA-15 materials studied with the help of pulsed field gradient NMR**](https://repository.uantwerpen.be/link/irua/63970)

Kortunov P., Grinberg F., Kärger J., **Meynen Vera**, [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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**H3 Hoofdstuk in een boek**

* [**Nanodesign of combined micro- and mesoporous materials for specific applications in adsorption and catalysis**](https://repository.uantwerpen.be/link/irua/63126)

**Meynen Vera**, Busuioc A.M., [Beyers Evi](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97432%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua), Bilba N., Mertens M., [Lebedev Oleg](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97518%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua)

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In press   
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2006

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* [**Influence of the MCM-41 morphology on the vanadia deposition by a molecular designed dispersion method**](https://repository.uantwerpen.be/link/irua/61310)

Hanu Alina-Mihaela, Liu Shiquan, **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), Popovici Eveline, [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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* [**Structural features and photocatalytic behaviour of titania deposited within the pores of SBA-15**](https://repository.uantwerpen.be/link/irua/61250)

Busuioc Alina Maria, **Meynen Vera**, [Beyers Evi](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97432%7Eirua), Mertens Myrjam, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), Bilba Nicolae, [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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* [**Vanadium silicalite-1 nanoparticles deposition onto the mesoporous walls of SBA-15. mechanistic insights from a combined EPR and Raman study**](https://repository.uantwerpen.be/link/irua/58821)

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* [**Adsorption of Hydrocarbons on Mesoporous SBA-15 and PHTS Materials**](https://repository.uantwerpen.be/link/irua/54042)

[van Bavel Ellen](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97598%7Eirua), **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), Lebeau Kurt, [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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* [**Diffusion effects in SBA-15 and its plugged analogous by a deposition of metal-acetylacetonate complexes**](https://repository.uantwerpen.be/link/irua/54040)

**Meynen Vera**, [Segura Yolanda](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97567%7Eirua), Mertens M., [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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Kõrösi László, Papp Szilvia, **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua), Dékány Imre

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* [**The influence of temperature on the structural behaviour of sodium tri- and hexa-titanates and their protonated forms**](https://repository.uantwerpen.be/link/irua/54039)

Papp Szilvia, Kõrösi László, **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua), Dékány Imre

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2004

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* [**Aluminum incorporation into MCM-48 toward the creation of Brønsted acidity**](https://repository.uantwerpen.be/link/irua/49014)

Collart Olivier, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Van der Voort Pascal](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97613%7Eirua), **Meynen Vera**, [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua), Houthoofd Kristof J., Grobet Piet J., [Lebedev Oleg](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97518%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua)

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Mathieu M., Baltes M., [Cassiers Kristof](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97440%7Eirua), **Meynen Vera**, [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Van der Voort Pascal](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97613%7Eirua), Weckhuysen B.M., Schoonheydt R.A., [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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* [**Post-synthesis deposition of V-Zeolitic nanoparticles in SBA-15**](https://repository.uantwerpen.be/link/irua/44934)

**Meynen Vera**, [Beyers Evi](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97432%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua), Mertens M., Weyten H., [Lebedev Oleg](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97518%7Eirua), [Van Tendeloo Gustaaf](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E27233%7Eirua)

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[Segura Yolanda](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97567%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Van der Voort Pascal](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97613%7Eirua), Mees F., **Meynen Vera**, [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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2003

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* [**A new strategy towards ultra stable mesoporous titania with nanosized anatase walls**](https://repository.uantwerpen.be/link/irua/44935)

[Cassiers Kristof](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97440%7Eirua), Linssen Thierry, **Meynen Vera**, [Van der Voort Pascal](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E97613%7Eirua), [Cool Pegie](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E29122%7Eirua), [Vansant Etienne](http://anet.uantwerpen.be/services.phtml?service=acadbibart&language=N&extra=a%3A%3A920%2E17128%7Eirua)

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