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## Tribological properties of micro/nano-textured surfaces under physiological conditions

Xi, Yiwen

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TRIBOLOGICAL PROPERTIES OF  
MICRO/NANO-TEXTURED SURFACES UNDER  
PHYSIOLOGICAL CONDITIONS

Yiwen Xi



# TRIBOLOGICAL PROPERTIES OF MICRO/NANO-TEXTURED SURFACES UNDER PHYSIOLOGICAL CONDITIONS

PhD thesis

to obtain the degree of PhD at the  
University of Groningen  
on the authority of the  
Rector Magnificus Prof. C. Wijmenga  
and in accordance with  
the decision by the College of Deans

and

to obtain the degree of PhD at the  
Stevens Institute of Technology  
on the authority of the  
President Dr. N. Farvardin  
and in the accordance with  
the decision by Pro-Rector of Post-Graduation.

Double PhD degree

This thesis will be defended in public on


Wednesday 23 November 2022 at 9:00 hours

by

**Yiwen Xi**

born on 23 November 1988  
in Shanghai, China

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by Yiwen Xi

 University Medical Center Groningen, University of Groningen  
Groningen, The Netherlands

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## **SUPERVISORS**

Dr. P.K. Sharma  
Prof. I.S. Zuhorn  
Prof. C.-H. Choi

## **ASSESSMENT COMMITTEE**

Prof. A.I. Vakis  
Dr. P. van Rijn  
Prof. M. Masen  
Prof. X. Yu

## **PARANYMPHS**

Ke Ren  
Fenghua Zhao

*To my dear parents*

## TABLE OF CONTENTS

Chapter 1	General Introduction	11
Chapter 2	Tribology of Micro and Nanopore Textured Hard Surface under Physiological Conditions <i>Submitted for publication to Colloids and Surfaces B: Biointerfaces)</i>	29
Chapter 3	Tribological Properties of Micropored Poly(2-hydroxyethyl methacrylate) Hydrogels in a Biomimetic Aqueous Environment <i>ACS Applied Materials &amp; Interfaces, 2021, 13, 41473–41484</i>	53
Chapter 4	Tribological Properties of Microporous Polydimethylsiloxane (PDMS) Surfaces under Physiological Conditions <i>Journal of Colloid and Interface Science, 2020, 561, 220–230</i>	83
Chapter 5	Effects of Microline Texturing on Frictional Properties of the Poly(2-hydroxyethyl methacrylate) Surface Sliding Against Smooth Glass <i>Final Preparation</i>	107
Chapter 6	General Discussion	133
	Summary	145
	Samenvatting	151
	Acknowledgements	157