

## Contents

## Theme issue: Sensors in technology and nature

	Article ID		Article ID
<b>INTRODUCTION</b>			
Introduction to 'Sensors in technology and nature' CF Kaminski, F da Cruz Vasconcellos and O Hadeler	20160034	Single mode waveguide platform for spontaneous and surface-enhanced on-chip Raman spectroscopy A Dhakal, F Peyskens, S Clemmen, A Raza, P Wuytens, H Zhao, N Le Thomas and R Baets	20160015
<b>ARTICLES</b>			
Adaptation of sensor morphology: an integrative view of perception from biologically inspired robotics perspective F Iida and SG Nurzaman	20160016	Metal-organic frameworks as biosensors for luminescence-based detection and imaging SE Miller, MH Teplensky, PZ Moghadam and D Fairen-Jimenez	20160027
Electroactive polymers for sensing T Wang, M Farajollahi, YS Choi, I-T Lin, JE Marshall, NM Thompson, S Kar-Narayan, JDW Madden and SK Smoukov	20160026	Infrastructure sensing K Soga and J Schooling	20160023
Droplet-based microfluidics for artificial cell generation: a brief review C Martino and AJ deMello	20160011	Development of an open technology sensor suite for assisted living: a student-led research project JD Manton, JAE Hughes, O Bonner, OA Amjad, P Mair, I Miele, T Wang, V Levдик, RD Hall, G Baekelandt, F da Cruz Vasconcellos, O Hadeler, T Hutter and CF Kaminski	20160018