

# Petr Tobiska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2646798/publications.pdf>

Version: 2024-02-01

11  
papers

786  
citations

1163117

8  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

965  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fiber-optic detection of chlorine in water. <i>Sensors and Actuators B: Chemical</i> , 2009, 139, 139-142.	7.8	16
2	A robust full-vectorial mode solver for metalized fiber taper. , 2008, , .		0
3	Preparation and characterization of transducer layers for opto-electrochemical detection of chlorine in water. , 2007, , .		0
4	Optical principle of pH measurement for detection of auxin flow through cellular membrane. , 2007, , .		3
5	Advanced data processing for SPR biosensors. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 162-169.	7.8	29
6	Optical sensing of the initial stages in the growth and development of fibrin clot. <i>Sensors and Actuators B: Chemical</i> , 2001, 74, 69-73.	7.8	12
7	Detection of foodborne pathogens using surface plasmon resonance biosensors. <i>Sensors and Actuators B: Chemical</i> , 2001, 74, 100-105.	7.8	261
8	Long-range surface plasmons for high-resolution surface plasmon resonance sensors. <i>Sensors and Actuators B: Chemical</i> , 2001, 74, 145-151.	7.8	258
9	An integrated optic hydrogen sensor based on SPR on palladium. <i>Sensors and Actuators B: Chemical</i> , 2001, 74, 168-172.	7.8	165
10	Investigation of fiber-optic evanescent-wave sensors for detection of liquid hydrocarbons. <i>Sensors and Actuators B: Chemical</i> , 1998, 51, 152-158.	7.8	11
11	Molecular arrangement of adsorbed fibrinogen molecules characterized by specific monoclonal antibodies and a surface plasmon resonance sensor. <i>Sensors and Actuators B: Chemical</i> , 1998, 51, 268-272.	7.8	31