

Matejka Turel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4407157/publications.pdf>

Version: 2024-02-01

11
papers

197
citations

1684188

5
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of nanomolar concentrations of copper(II) with a Tb-quinoline-2-one probe using luminescence quenching or luminescence decay time. <i>Analytica Chimica Acta</i> , 2009, 644, 53-60.	5.4	60
2	Microtiter plate assay for phosphate using a europium-tetracycline complex as a sensitive luminescent probe. <i>Analytica Chimica Acta</i> , 2006, 555, 292-298.	5.4	45
3	Direct UV-LED lifetime pH sensor based on a semi-permeable sol-gel membrane immobilized luminescent Eu ³⁺ chelate complex. <i>Sensors and Actuators B: Chemical</i> , 2008, 131, 247-253.	7.8	42
4	Optical Chemical Sensors: Design and Applications. , 0, , .		14
5	Microtiterplate phosphate assay based on luminescence quenching of a terbium complex amenable to decay time detection. <i>Analytica Chimica Acta</i> , 2010, 675, 42-48.	5.4	8
6	Synthesis of hybrid thiol-functionalized SiO ₂ particles used for agmatine determination. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 79, 487-496.	2.4	8
7	Nanostructured Materials Use in Sensors: Their Benefits and Drawbacks. <i>Advanced Structured Materials</i> , 2010, , 307-354.	0.5	5
8	Sol-gel based optical chemical sensors. <i>Proceedings of SPIE</i> , 2011, , .	0.8	5
9	Fluorescence-Based Determination of Agmatine in Dietary Supplements. <i>Analytical Letters</i> , 2015, 48, 1619-1628.	1.8	5
10	Turn-On Fluorescence Detection of Glutathione Based on o-Phthaldialdehyde-Assisted SiO ₂ Particles. <i>Journal of Sensors</i> , 2018, 2018, 1-9.	1.1	3
11	Quantum Dots Based Optical Sensors. <i>Defect and Diffusion Forum</i> , 2012, 326-328, 682-689.	0.4	2