

# Viktoriya Levchenko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11504489/publications.pdf>

Version: 2024-02-01

12  
papers

244  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence intensification of lanthanide complexes by silver nanoparticles incorporated in sol-gel matrix. <i>Journal of Rare Earths</i> , 2009, 27, 544-549.	4.8	41
2	New optical material europium EDTA complex in polyvinyl pyrrolidone films with fluorescence enhanced by silver plasmons. <i>Optical Materials</i> , 2011, 34, 351-354.	3.6	40
3	Enhancement of luminescence of Rhodamine B by gold nanoparticles in thin films on glass for active optical materials applications. <i>Optical Materials</i> , 2011, 34, 360-364.	3.6	38
4	Sol-gel glasses with enhanced luminescence of laser dye Rhodamine B due to plasmonic coupling by copper nanoparticles. <i>Optical Materials</i> , 2014, 36, 1611-1615.	3.6	26
5	Synthesis of silver nanoparticles and their stabilization in different sol-gel matrices: Optical and structural characterization. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 2648-2651.	0.8	21
6	Amplification of light emission of chiral pyridine Eu(III) complex by copper nanoparticles. <i>Journal of Luminescence</i> , 2016, 170, 820-824.	3.1	17
7	Enhancement of fluorescence of EuEDTA chelate complex in sol-gel glasses by surface plasmons of copper nanoparticles. <i>Optical Materials</i> , 2017, 74, 187-190.	3.6	15
8	Luminescence of Europium complex enhanced by surface plasmons of gold nanoparticles for possible application in luminescent solar concentrators. <i>Journal of Luminescence</i> , 2018, 193, 5-9.	3.1	15
9	Interaction of luminescent dyes with noble metal nanoparticles in organic-inorganic glasses for future luminescent materials. <i>Polymers for Advanced Technologies</i> , 2011, 22, 60-64.	3.2	11
10	Fluorescence intensification of Rhodamine 6G in Zirconia-Glymo glasses. <i>Optical Materials</i> , 2012, 34, 2021-2024.	3.6	9
11	Intensification of luminescence of Europium-EDTA complex in polyvinyl pyrrolidone films by copper nanoparticles. <i>Optical Materials</i> , 2016, 59, 3-7.	3.6	9
12	The influence of surface plasmons on fluorescence of the dye Lumogen F red 300 in condensed phase. <i>Optical Materials</i> , 2017, 63, 88-94.	3.6	2