

# Luigia Pezzi

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8821676/luigia-pezzi-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

174  
citations

7  
h-index

13  
g-index

16  
ext. papers

205  
ext. citations

4.4  
avg, IF

2.75  
L-index

#	Paper	IF	Citations
15	Photo-thermal effects in gold nanoparticles dispersed in thermotropic nematic liquid crystals. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 20281-7	3.6	40
14	Resonant Gain Singularities in 1D and 3D Metal/Dielectric Multilayered Nanostructures. <i>ACS Nano</i> , <b>2017</b> , 11, 1012-1025	16.7	38
13	Thermoplasmonic-Activated Hydrogel Based Dynamic Light Attenuator. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 2000324	8.1	17
12	A command layer for anisotropic plasmonic photo-thermal effects in liquid crystal. <i>Liquid Crystals</i> , <b>2018</b> , 45, 2214-2220	2.3	17
11	Photo-thermal study of a layer of randomly distributed gold nanoparticles: from nano-localization to macro-scale effects. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 435302	3	16
10	Antimicrobial Effects of Chemically Functionalized and/or Photo-Heated Nanoparticles. <i>Materials</i> , <b>2019</b> , 12,	3.5	13
9	Thermoplasmonic Effects in Gain-Assisted Nanoparticle Solutions. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 24185-24191	3.8	12
8	Thermo-plasmonic effects on E7 nematic liquid crystal. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 649, 45-49	0.5	6
7	MODEL FOR MOLECULAR DIRECTOR CONFIGURATION IN A LIQUID CRYSTAL CELL WITH MULTIPLE INTERFACES. <i>Journal of Nonlinear Optical Physics and Materials</i> , <b>2007</b> , 16, 199-206	0.8	5
6	Resonant Coupling and Gain Singularities in Metal/Dielectric Multishells: Quasi-Static Versus T-Matrix Calculations. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 29291-29297	3.8	4
5	Nematic liquid crystals used to control photo-thermal effects in gold nanoparticles <b>2016</b> ,		2
4	Plasmonics: A Theoretical Background <b>2015</b> , 1-32		2
3	Biocompatible and biomimetic keratin capped Au nanoparticles enable the inactivation of mesophilic bacteria via photo-thermal therapy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 625, 126950	5.1	1
2	Photo-Aligned Nematic Liquid Crystals Enable the Modulation of Thermoplasmonic Heating. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 6272	2.6	0
1	Plasmon-mediated discrete diffraction behaviour of an array of responsive waveguides. <i>Nanoscale</i> , <b>2019</b> , 11, 17931-17938	7.7	