

# Michał Kotkowiak

## List of Publications by Citations

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26

papers

224

citations

9

h-index

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ext. papers

266

ext. citations

4.3

avg, IF

3.31

L-index

#	Paper	IF	Citations
26	Near and Far-Field Properties of Nanoprisms with Rounded Edges. <i>Plasmonics</i> , <b>2014</b> , 9, 607-614	2.4	29
25	The effect of Cu doping on the mechanical and optical properties of zinc oxide nanowires synthesized by hydrothermal route. <i>Nanotechnology</i> , <b>2016</b> , 27, 175706	3.4	22
24	Interaction between Nanoprisms with Different Coupling Strength. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 6195-6203	3.8	18
23	The impact of solvents on the singlet and triplet states of selected fluorine corroles - absorption, fluorescence, and optoacoustic studies. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 7216-28	3.6	17
22	Intrinsic Photoprotective Mechanisms in Chlorophylls. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 10457-10461	16.4	17
21	Unlocked nucleic acids: implications of increased conformational flexibility for RNA/DNA triplex formation. <i>Biochemical Journal</i> , <b>2014</b> , 464, 203-11	3.8	13
20	Gold-Based Nanoparticles Systems in Phototherapy - Current Strategies. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 5914-5929	4.3	12
19	Photo-switching of a non-ionic azobenzene amphiphile in Langmuir and Langmuir-Blodgett films. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 23386-23396	3.6	11
18	Multiwavelength excitation of photosensitizers interacting with gold nanoparticles and its impact on optical properties of their hybrid mixtures. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 27366-72	3.6	9
17	Photoelectrochemically Active N-Adsorbing Ultrathin TiO <sub>2</sub> Layers for Water-Splitting Applications Prepared by Pyrolysis of Oleic Acid on Iron Oxide Nanoparticle Surfaces under Nitrogen Environment. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 6, 1801286	4.6	9
16	Adsorption properties of biologically active derivatives of quaternary ammonium surfactants and their mixtures at aqueous/air interface. I. Equilibrium surface tension, surfactant aggregation and wettability. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 110, 387-94	6	8
15	Tailoring Fluorescence and Singlet Oxygen Generation of a Chlorophyll Derivative and Gold Nanorods via a Silica Shell. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 2088-2095	3.8	8
14	Fluorescence quenching and energy transfer in a system of hybrid laser dye and functionalized gold nanoparticles. <i>Journal of Luminescence</i> , <b>2017</b> , 183, 303-310	3.8	7
13	Laser-Induced Optoacoustic Spectroscopy Studies of Inorganic Functionalized Metallic Nanorods. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 27181-27186	3.8	6
12	Photophysical and Thermodynamic Parameters of Hematoporphyrin in Solutions and Monolayers. <i>International Journal of Thermophysics</i> , <b>2013</b> , 34, 588-596	2.1	6
11	Photophysics of an unsymmetrical Zn(II) phthalocyanine substituted with terminal alkynyl group. <i>Journal of Luminescence</i> , <b>2016</b> , 180, 132-139	3.8	6
10	Absorption enhancement in silicon nanowire-optical nanoantenna system for photovoltaic applications. <i>Optical Materials</i> , <b>2014</b> , 37, 104-109	3.3	5

9	Optimizing SERS performance through aggregation of gold nanorods in Langmuir-Blodgett films. <i>Applied Surface Science</i> , <b>2022</b> , 573, 151518	6.7	5
8	Regioisomers of magnesium(II) phthalocyanine bearing menthol substituents - Synthesis, spectral, electrochemical and computational studies. <i>Dyes and Pigments</i> , <b>2021</b> , 191, 109357	4.6	4
7	Nanostructured zinc oxide systems with gold nanoparticle pattern for efficient light trapping. <i>Journal Physics D: Applied Physics</i> , <b>2016</b> , 49, 045104	3	3
6	Intrinsic Photoprotective Mechanisms in Chlorophylls. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 10593-10597	3.6	3
5	The liquid crystal induced J-type aggregation of diketopyrrolopyrrole derivatives in monolayer. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 285, 598-606	6	2
4	The in situ characterization of bacteriochlorophyll c in Langmuir monolayers using polarized UV-vis spectroscopy. <i>Dyes and Pigments</i> , <b>2010</b> , 86, 227-232	4.6	1
3	Characterisation of Porphyrin-TiO <sub>2</sub> Complex Using Raman Spectroscopy and Electron Paramagnetic Resonance. <i>Acta Physica Polonica A</i> , <b>2012</b> , 122, 353-356	0.6	1
2	Heat-Resisting Aluminized Coatings Modified by Chromium Addition Produced on Nickel-Based Alloys. <i>Transactions of the Indian Institute of Metals</i> , <b>2018</b> , 71, 2919-2931	1.2	1
1	Altering model cell membranes by means of photoactivated organic functionalized gold nanorods. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 349, 118179	6	0