

Michał Kotkowiak

List of Publications by Year in Descending Order

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

26

papers

224

citations

9

h-index

14

g-index

27

ext. papers

266

ext. citations

4.3

avg, IF

3.31

L-index

#	Paper	IF	Citations
26	Optimizing SERS performance through aggregation of gold nanorods in Langmuir-Blodgett films. <i>Applied Surface Science</i> , 2022 , 573, 151518	6.7	5
25	Altering model cell membranes by means of photoactivated organic functionalized gold nanorods. <i>Journal of Molecular Liquids</i> , 2021 , 349, 118179	6	0
24	Regioisomers of magnesium(II) phthalocyanine bearing menthol substituents - Synthesis, spectral, electrochemical and computational studies. <i>Dyes and Pigments</i> , 2021 , 191, 109357	4.6	4
23	Tailoring Fluorescence and Singlet Oxygen Generation of a Chlorophyll Derivative and Gold Nanorods via a Silica Shell. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 2088-2095	3.8	8
22	The liquid crystal induced J-type aggregation of diketopyrrolopyrrole derivatives in monolayer. <i>Journal of Molecular Liquids</i> , 2019 , 285, 598-606	6	2
21	Laser-Induced Optoacoustic Spectroscopy Studies of Inorganic Functionalized Metallic Nanorods. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 27181-27186	3.8	6
20	Gold-Based Nanoparticles Systems in Phototherapy - Current Strategies. <i>Current Medicinal Chemistry</i> , 2018 , 25, 5914-5929	4.3	12
19	Heat-Resisting Aluminized Coatings Modified by Chromium Addition Produced on Nickel-Based Alloys. <i>Transactions of the Indian Institute of Metals</i> , 2018 , 71, 2919-2931	1.2	1
18	Photoelectrochemically Active N-Adsorbing Ultrathin TiO ₂ Layers for Water-Splitting Applications Prepared by Pyrolysis of Oleic Acid on Iron Oxide Nanoparticle Surfaces under Nitrogen Environment. <i>Advanced Materials Interfaces</i> , 2018 , 6, 1801286	4.6	9
17	Intrinsic Photoprotective Mechanisms in Chlorophylls. <i>Angewandte Chemie</i> , 2017 , 129, 10593-10597	3.6	3
16	Photo-switching of a non-ionic azobenzene amphiphile in Langmuir and Langmuir-Blodgett films. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 23386-23396	3.6	11
15	Intrinsic Photoprotective Mechanisms in Chlorophylls. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10457-10461	16.4	17
14	Fluorescence quenching and energy transfer in a system of hybrid laser dye and functionalized gold nanoparticles. <i>Journal of Luminescence</i> , 2017 , 183, 303-310	3.8	7
13	The effect of Cu doping on the mechanical and optical properties of zinc oxide nanowires synthesized by hydrothermal route. <i>Nanotechnology</i> , 2016 , 27, 175706	3.4	22
12	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> , 2016 , 18, 7216-28	3.6	17
11	Nanostructured zinc oxide systems with gold nanoparticle pattern for efficient light trapping. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 045104	3	3
10	Photophysics of an unsymmetrical Zn(II) phthalocyanine substituted with terminal alkynyl group. <i>Journal of Luminescence</i> , 2016 , 180, 132-139	3.8	6

9	Interaction between Nanoprisms with Different Coupling Strength. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 6195-6203	3.8	18
8	Multiwavelength excitation of photosensitizers interacting with gold nanoparticles and its impact on optical properties of their hybrid mixtures. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 27366-72	3.6	9
7	Near and Far-Field Properties of Nanoprisms with Rounded Edges. <i>Plasmonics</i> , 2014 , 9, 607-614	2.4	29
6	Absorption enhancement in silicon nanowire-optical nanoantenna system for photovoltaic applications. <i>Optical Materials</i> , 2014 , 37, 104-109	3.3	5
5	Unlocked nucleic acids: implications of increased conformational flexibility for RNA/DNA triplex formation. <i>Biochemical Journal</i> , 2014 , 464, 203-11	3.8	13
4	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> , 2013 , 110, 387-94	6	8
3	Photophysical and Thermodynamic Parameters of Hematoporphyrin in Solutions and Monolayers. <i>International Journal of Thermophysics</i> , 2013 , 34, 588-596	2.1	6
2	Characterisation of Porphyrin-TiO ₂ Complex Using Raman Spectroscopy and Electron Paramagnetic Resonance. <i>Acta Physica Polonica A</i> , 2012 , 122, 353-356	0.6	1
1	The in situ characterization of bacteriochlorophyll c in Langmuir monolayers using polarized UV-vis spectroscopy. <i>Dyes and Pigments</i> , 2010 , 86, 227-232	4.6	1