

# Piotr J Cywinski

## List of Publications by Year in descending order

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32  
papers

800  
citations

516215

16  
h-index

500791

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1403  
citing authors

#	ARTICLE	IF	CITATIONS
1	An ATP fluorescent chemosensor based on a Zn(II)-complexed dipicolylaminereceptor coupled with a naphthalimidechromophore. <i>Chemical Communications</i> , 2010, 46, 1085-1087.	2.2	155
2	Two-photon polymerization of hydrogels – versatile solutions to fabricate well-defined 3D structures. <i>RSC Advances</i> , 2014, 4, 45504-45516.	1.7	68
3	Ratiometric porphyrin-based layers and nanoparticles for measuring oxygen in biosamples. <i>Sensors and Actuators B: Chemical</i> , 2009, 135, 472-477.	4.0	56
4	Chemosensors Based on Molecularly Imprinted Polymers. <i>Topics in Current Chemistry</i> , 2010, 325, 165-265.	4.0	55
5	From $\pi$ -expanded coumarins to $\pi$ -expanded pentacenes. <i>Chemical Communications</i> , 2014, 50, 9105-9108.	2.2	53
6	Single cell measurement of micro-viscosity by ratio imaging of fluorescence of styrylpyridinium probe. <i>Biosensors and Bioelectronics</i> , 2005, 20, 1728-1736.	5.3	50
7	Interaction of photosensitive surfactant with DNA and poly acrylic acid. <i>Journal of Chemical Physics</i> , 2014, 140, 044907.	1.2	35
8	Ion-selective Formation of a Guanine Quadruplex on DNA Origami Structures. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 673-677.	7.2	33
9	Safe-by-Design Ligand-Coated ZnO Nanocrystals Engineered by an Organometallic Approach: Unique Physicochemical Properties and Low Toxicity toward Lung Cells. <i>Chemistry - A European Journal</i> , 2018, 24, 4033-4042.	1.7	29
10	Fluorescent polyacrylamide nanoparticles for naproxen recognition. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 1821-1830.	1.9	21
11	Two-Photon Excitation Fluorescence Spectroscopy of Quantum Dots: Photophysical Properties and Application in Bioassays. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9641-9647.	1.5	21
12	Fluorescent, molecularly imprinted thin-layer films based on a common polymer. <i>Journal of Applied Polymer Science</i> , 2007, 105, 229-235.	1.3	20
13	The optical properties and quantum chemical calculations of thienyl and furyl derivatives of pyrene. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22758-22769.	1.3	20
14	Monitoring of cAMP-imprinted polymer by fluorescence spectroscopy. <i>Biosensors and Bioelectronics</i> , 2004, 20, 1031-1039.	5.3	19
15	Europium-quantum dot nanobioconjugates as luminescent probes for time-gated biosensing. <i>Journal of Biomedical Optics</i> , 2014, 19, 101506.	1.4	17
16	Planar, Fluorescent Push-Pull System That Comprises Benzofuran and Iminocoumarin Moieties. <i>Organic Letters</i> , 2015, 17, 4252-4255.	2.4	17
17	Sensitive and selective fluorescence detection of guanosine nucleotides by nanoparticles conjugated with a naphthyridine receptor. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1215-1222.	1.9	16
18	Optical Behavior of Substituted 4-(2-Hydroxyphenyl)imidazoles. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2507-2514.	1.2	15

#	ARTICLE	IF	CITATIONS
19	Synthesis and electrochemical characterization of new optoelectronic materials based on conjugated donor-acceptor system containing oligo-tri(heteroaryl)-1,3,5-triazines. <i>Electrochimica Acta</i> , 2010, 55, 4858-4864.	2.6	14
20	Protein Quantification Using Resonance Energy Transfer between Donor Nanoparticles and Acceptor Quantum Dots. <i>Analytical Chemistry</i> , 2013, 85, 2921-2926.	3.2	14
21	Photophysical evaluation of a new functional terbium complex in FRET-based time-resolved homogenous fluoroassays. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 6060.	1.3	14
22	ZnO nanocrystals derived from organometallic approach: Delineating the role of organic ligand shell on physicochemical properties and nano-specific toxicity. <i>Scientific Reports</i> , 2019, 9, 18071.	1.6	12
23	Thin-Layer Film with an Incorporated Pyrazoloquinoline Derivative as a Fluorescent Sensor for Nucleotides. <i>Adsorption Science and Technology</i> , 2004, 22, 719-729.	1.5	11
24	Cyclic GMP recognition using ratiometric QD-fluorophore conjugate nanosensors. <i>Biosensors and Bioelectronics</i> , 2014, 52, 288-292.	5.3	10
25	Synthesis and sensing properties of a new carbazole fluorosensor for detection of abacavir. <i>Supramolecular Chemistry</i> , 2010, 22, 598-602.	1.5	5
26	A time-resolved luminescent competitive assay to detect L-selectin using aptamers as recognition elements. <i>Analytica Chimica Acta</i> , 2015, 887, 209-215.	2.6	5
27	Thin-Layer Molecularly Imprinted Sensors Studied by Fluorescence Microscopy. <i>E-Journal of Surface Science and Nanotechnology</i> , 2010, 8, 293-297.	0.1	4
28	Polymeric Sensory Systems Based on Molecular Imprinting for Identification and Separation of Molecules and Bigger Biological Objects. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 486, 257/[1299]-270/[1312].	0.4	3
29	Total protein concentration quantification using nanobeads with a new highly luminescent terbium complex. <i>RSC Advances</i> , 2016, 6, 115068-115073.	1.7	3
30	Molecular Recognition of the Antiretroviral Drug Abacavir: Towards the Development of a Novel Carbazole-Based Fluorosensor. <i>Journal of Fluorescence</i> , 2011, 21, 1195-1204.	1.3	2
31	Fluorescent Molecularly Imprinted Polymers in Sensing of cAMP and cGMP. , 2013, 03, .		2
32	Elastic FRET sensors for contactless pressure measurement. <i>RSC Advances</i> , 2017, 7, 50578-50583.	1.7	1