

# SÅ,awomir Kula

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Copper(II) complexes of functionalized 2,2':6',2''-terpyridines and 2,6-di(thiazol-2-yl)pyridine; structure, spectroscopy, cytotoxicity and catalytic activity. Dalton Transactions, 2017, 46, 9591-9604.	3.3	69
2	Rhenium(I) terpyridine complexes – synthesis, photophysical properties and application in organic light emitting devices. Dalton Transactions, 2016, 45, 1746-1762.	3.3	48
3	Tuning the photophysical properties of 4'-substituted terpyridines – an experimental and theoretical study. Organic and Biomolecular Chemistry, 2016, 14, 3793-3808.	2.8	46
4	Copper(II) complexes with 2,2':6',2''-terpyridine, 2,6-di(thiazol-2-yl)pyridine and 2,6-di(pyrazin-2-yl)pyridine substituted with quinolines. Synthesis, structure, antiproliferative activity, and catalytic activity in the oxidation of alkanes and alcohols with peroxides. Dalton Transactions, 2019, 48, 12656-12673.	3.3	44
5	(Photo)physical Properties of New Molecular Glasses End-Capped with Thiophene Rings Composed of Diimide and Imine Units. Journal of Physical Chemistry C, 2014, 118, 13070-13086.	3.1	39
6	Spectroscopy, electrochemistry and antiproliferative properties of Au(III), Pt(II) and Cu(II) complexes bearing modified 2,2':6',2''-terpyridine ligands. Dalton Transactions, 2018, 47, 6444-6463.	3.1	37
7	Simple donor-acceptor derivatives exhibiting aggregation-induced emission characteristics for use as emitting layer in OLED. Dyes and Pigments, 2016, 129, 80-89.	3.7	34
8	Synthesis, photophysical properties and application in organic light emitting devices of rhenium(I) carbonyls incorporating functionalized 2,2':6',2''-terpyridines. RSC Advances, 2016, 6, 56335-56352.	3.6	29
9	Synthesis, spectroscopic, electrochemical and computational studies of rhenium(I) tricarbonyl complexes based on bidentate-coordinated 2,6-di(thiazol-2-yl)pyridine derivatives. Dalton Transactions, 2017, 46, 9605-9620.	3.3	26
10	A family of solution processable ligands and their Re(I) complexes towards light emitting applications. Dyes and Pigments, 2019, 163, 86-101.	3.7	22
11	2,2':6',2''-Terpyridine Analogues: Structural, Electrochemical, and Photophysical Properties of 2,6-di(thiazol-2-yl)pyridine Derivatives. European Journal of Organic Chemistry, 2017, 2017, 2730-2745.	2.4	19
12	Platinum(II) complexes showing high cytotoxicity toward A2780 ovarian carcinoma cells. Dalton Transactions, 2019, 48, 13081-13093.	3.3	19
13	An ambipolar behavior of novel ethynyl-bridged polythiophenes – A comprehensive study. Synthetic Metals, 2013, 165, 7-16.	3.9	18
14	New core-substituted with electron-donating group 1,8-naphthalimides towards optoelectronic applications. Journal of Luminescence, 2015, 166, 22-39.	3.1	17
15	Multifaceted Strategy for the Synthesis of Diverse 2,2'-Bithiophene Derivatives. Molecules, 2015, 20, 4565-4593.	3.8	15
16	Unsymmetrical and symmetrical azines toward application in organic photovoltaic. Optical Materials, 2015, 39, 58-68.	3.6	14
17	Aryl substituted 2,6-di(thiazol-2-yl)pyridines – excited-state characterization and potential for OLEDs. Dyes and Pigments, 2019, 169, 89-104.	3.7	12
18	2,2-Dicyanovinyl derivatives – Thermal, photophysical, electrochemical and electroluminescence investigations. Materials Chemistry and Physics, 2018, 209, 249-261.	4.0	9

#	ARTICLE	IF	CITATIONS
19	Effect of thienyl units in cyanoacrylic acid derivatives toward dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111555.	3.8	9
20	Thermal, spectroscopic, electrochemical, and electroluminescent characterization of malononitrile derivatives with triphenylamine structure. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 210, 136-147.	3.9	9
21	Effect of heterocycle donor in 2-cyanoacrylic acid conjugated derivatives for DSSC applications. <i>Solar Energy</i> , 2021, 220, 1109-1119.	6.1	9
22	The effect of 2-, 3- and 4-pyridyl substituents on photophysics of fac-[ReCl(CO) <sub>3</sub> (n-pytpy- $\hat{N}$ 2N)] complexes: Experimental and theoretical insights. <i>Journal of Luminescence</i> , 2019, 209, 346-356.	3.1	8
23	The influence of experimental conditions and intermolecular interaction on the band gap determination. Case study of perylene diimide and carbazole-fluorene derivatives.. <i>Electrochimica Acta</i> , 2016, 216, 449-456.	5.2	7
24	Synthesis, photophysical properties and electroluminescence characterization of 1-phenyl-1H-phenanthro[9,10-d]imidazole derivatives with N-donor substituents. <i>Dyes and Pigments</i> , 2021, 192, 109437.	3.7	7
25	9,9- $\hat{E}$ -bifluorenylidene derivatives as novel hole-transporting materials for potential photovoltaic applications. <i>Dyes and Pigments</i> , 2020, 174, 108031.	3.7	6
26	Influence of N-donor substituents on physicochemical properties of phenanthro[9,10-d]imidazole derivatives. <i>Journal of Luminescence</i> , 2021, 233, 117910.	3.1	6
27	Symmetrical N-acylsubstituted dihydrazones containing bithiophene core $\hat{E}$ Photophysical, electrochemical and thermal characterization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 159, 169-176.	3.9	5
28	Novel phenanthro[9,10-d]imidazole derivatives - effect of thienyl and 3,4-(ethylenedioxy)thienyl substituents. <i>Synthetic Metals</i> , 2019, 251, 40-48.	3.9	5
29	Photoelectrochemical and thermal characterization of aromatic hydrocarbons substituted with a dicyanovinyl unit. <i>Dyes and Pigments</i> , 2020, 180, 108432.	3.7	5
30	Synthesis, physicochemical characterization and biological properties of new 5-(1H-phenanthro[9,10-d]imidazol-2-yl)-thiophene-2-carbaldehyde. <i>Journal of Molecular Structure</i> , 2022, 1252, 132122.	3.6	5
31	Malononitrile derivatives as push-pull molecules: Structure - properties relationships characterization. <i>Journal of Luminescence</i> , 2018, 203, 455-466.	3.1	4
32	Platinum(II) coordination compound with 4- $\hat{E}$ -[4-(dimethylamino)phenyl]-2,2- $\hat{E}$ :6- $\hat{E}$ ,2- $\hat{E}$ -terpyridine $\hat{E}$ The new insight into the luminescence behavior and substituent effect. <i>Polyhedron</i> , 2020, 182, 114502.	2.2	4
33	Synthesis, electrochemical, optical and biological properties of new carbazole derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120497.	3.9	4