

# Sonia Kotowicz

## List of Publications by Year in descending order

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38  
papers

505  
citations

567281

15  
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713466

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38  
all docs

38  
docs citations

38  
times ranked

709  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ogniwa hybrydowe - iminy tiofenowe jako HTM. Przegląd Elektrotechniczny, 2022, 1, 78-80.	0.2	0
2	“Small in size but mighty in force” The first principle study of the impact of A/D units in A/D-phenyl-phenothiazine-dicyanovinyl systems on photophysical and optoelectronic properties. Dyes and Pigments, 2021, 189, 109248.	3.7	16
3	New Acceptor-Donor-Acceptor Systems Based on Bis-(Imino-1,8-Naphthalimide). Materials, 2021, 14, 2714.	2.9	6
4	Ground- and excited-state properties of Re(I) carbonyl complexes – Effect of trimine ligand core and appended heteroaromatic groups. Dyes and Pigments, 2021, 192, 109472.	3.7	7
5	Luminescence and Electrochemical Activity of New Unsymmetrical 3-Imino-1,8-naphthalimide Derivatives. Materials, 2021, 14, 5504.	2.9	6
6	1,8-Naphthalimides 3-substituted with imine or $\beta^2$ -ketoenamine unit evaluated as compounds for organic electronics and cell imaging. Dyes and Pigments, 2021, 193, 109508.	3.7	8
7	Synthesis and Thermal, Photophysical, Electrochemical Properties of 3,3-di[3-Arylcarbazol-9-ylmethyl]oxetane Derivatives. Materials, 2021, 14, 5569.	2.9	4
8	Novel $\beta^2$ -ketoenamines versus azomethines for organic electronics: characterization of optical and electrochemical properties supported by theoretical studies. Journal of Materials Science, 2020, 55, 3812-3832.	3.7	9
9	New Thiophene Imines Acting as Hole Transporting Materials in Photovoltaic Devices. Energy & Fuels, 2020, 34, 10160-10169.	5.1	5
10	Towards better understanding of photophysical properties of rhenium(I) tricarbonyl complexes with terpy-like ligands. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 231, 118124.	3.9	13
11	Photoelectrochemical and thermal characterization of aromatic hydrocarbons substituted with a dicyanovinyl unit. Dyes and Pigments, 2020, 180, 108432.	3.7	5
12	Symmetrical and unsymmetrical azomethines with thiophene core: structure-properties investigations. Journal of Materials Science, 2019, 54, 13491-13508.	3.7	13
13	A highly selective and sensitive sensor with imine and phenyl-ethynyl-phenyl units for the visual and fluorescent detection of copper in water. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111893.	3.9	17
14	Novel phenanthro[9,10-d]imidazole derivatives - effect of thienyl and 3,4-(ethylenedioxy)thienyl substituents. Synthetic Metals, 2019, 251, 40-48.	3.9	5
15	Thermal, spectroscopic, electrochemical, and electroluminescent characterization of malononitrile derivatives with triphenylamine structure. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 210, 136-147.	3.9	9
16	A comparative study on simple and practical chemical gas sensors from chemically modified graphene films. Materials Research Express, 2019, 6, 015607.	1.6	5
17	2,2-Dicyanovinyl derivatives – Thermal, photophysical, electrochemical and electroluminescence investigations. Materials Chemistry and Physics, 2018, 209, 249-261.	4.0	9
18	Cyclometalated alkynylgold(III) complexes of 2-phenylpyridine and 2-(p-tolyl)-pyridine – Synthesis, photophysical and electroluminescence properties. Journal of Luminescence, 2018, 198, 251-259.	3.1	2

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19	Naphthalene Diimides Prepared by a Straightforward Method and Their Characterization for Organic Electronics. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1756-1760.	2.4	13
20	Synthesis, electrochemistry and optical properties with electroluminescence ability of new multisubstituted naphthalene derivatives with thiophene and carbazole motifs. <i>Journal of Luminescence</i> , 2018, 196, 244-255.	3.1	7
21	Experimental and computational exploration of photophysical and electroluminescent properties of modified 2,2':6''-terpyridine, 2,6-di(thiazol-2-yl)pyridine and 2,6-di(pyrazin-2-yl)pyridine ligands and their Re(I) complexes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4611.		
22	Novel 1,8-naphthalimides substituted at 3-C position: Synthesis and evaluation of thermal, electrochemical and luminescent properties. <i>Dyes and Pigments</i> , 2018, 158, 65-78.	3.7	20
23	Malononitrile derivatives as push-pull molecules: Structure - properties relationships characterization. <i>Journal of Luminescence</i> , 2018, 203, 455-466.	3.1	4
24	Synthesis and photophysical properties of new perylene bisimide derivatives for application as emitting materials in OLEDs. <i>Dyes and Pigments</i> , 2018, 159, 590-599.	3.7	30
25	Phenanthro[9,10-d]imidazole with thiophene rings toward OLEDs application. <i>Dyes and Pigments</i> , 2018, 159, 646-654.	3.7	17
26	Electrochemical and spectroelectrochemical properties of new polymers with diimide subunits. <i>Journal of Electroanalytical Chemistry</i> , 2017, 795, 90-96.	3.8	4
27	2,2':6''-terpyridine Analogues: Structural, Electrochemical, and Photophysical Properties of 2,6-di(thiazol-2-yl)pyridine Derivatives. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2730-2745.	2.4	19
28	Polycyclic aromatic hydrocarbons connected with Schiff base linkers: Experimental and theoretical photophysical characterization and electrochemical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 168-176.	3.9	19
29	New anthracene-based Schiff bases: Theoretical and experimental investigations of photophysical and electrochemical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 24-35.	3.9	18
30	NCN-Coordinating Ligands based on Pyrene Structure with Potential Application in Organic Electronics. <i>Chemistry - A European Journal</i> , 2017, 23, 15746-15758.	3.3	25
31	Highly Luminescent 4-(4-ethynylphenyl)-2,2':6''-terpyridine Derivatives as Materials for Potential Applications in Organic Light Emitting Diodes. <i>ChemistrySelect</i> , 2017, 2, 8221-8233.	1.5	6
32	Spectroscopic, electrochemical, thermal properties and electroluminescence ability of new symmetric azomethines with thiophene core. <i>Journal of Luminescence</i> , 2017, 192, 452-462.	3.1	17
33	4-Phenyl-2,2':6''-terpyridine derivatives-synthesis, potential application and the influence of acetylene linker on their properties. <i>Dyes and Pigments</i> , 2017, 146, 331-343.	3.7	28
34	Synthesis, spectroscopic, electrochemical and computational studies of rhenium (<sc>i</sc>) tricarbonyl complexes based on bidentate-coordinated 2,6-di(thiazol-2-yl)pyridine derivatives. <i>Dalton Transactions</i> , 2017, 46, 9605-9620.	3.3	26
35	Azomethine diimides end-capped with anthracene moieties: Experimental and theoretical investigations. <i>Journal of Molecular Structure</i> , 2017, 1128, 462-470.	3.6	6
36	New donor-acceptor-donor molecules based on quinoline acceptor unit with Schiff base bridge: synthesis and characterization. <i>Journal of Luminescence</i> , 2017, 183, 458-469.	3.1	36

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37	Effect of Backbone Variation on Properties of Fluorinated Polyimides toward Optoelectronic Applications. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1661-1670.	2.2	6
38	Highly Luminescence Anthracene Derivatives as Promising Materials for OLED Applications. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4020-4031.	2.4	44