Andrzej Kapturkiewicz

List of Publications by Year
in descending order

72	2,077	185998 28	243296 44
papers	citations	h-index	g-index

75	75	75	1583
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Luminescence properties of [Ir(C^N)₂(N^N)]⁺ complexes: relations between DFT computation results and emission band-shape analysis data. RSC Advances, 2021, 11, 29308-29322.	1.7	2
2	Heteroleptic luminescent [Ir(C^N)2(N^N)]+ complexes containing 1-phenyl-1H-pyrazole or 1-(2,4-difluorophenyl)-1H-pyrazole as cyclometalating and Î±-diimines as ancillary ligands. Inorganic Chemistry Communication, 2021, 131, 108764.	1.8	3
3	Heteroleptic Re(CO)2+ and Re(CO)3+ complexes with Î±-diimines: similarities and differences in their luminescence properties. RSC Advances, 2020, 10, 29642-29658.	1.7	3
4	Luminescent Ir(III) complexes with deprotonated 1-methyl-2-(2â€²-pyridyl)pyridinium ligand and 1,10-phenanthroline derivatives. Inorganic Chemistry Communication, 2019, 108, 107547.	1.8	4
5	Heteroleptic [Os(Cl)(CO)(P^P)(pbi)] complexes bearing bidentate phosphine and 2-(2-pyridyl)benzimidazolate ligands: impact of isomerism on their luminescence properties. Physical Chemistry Chemical Physics, 2019, 21, 17746-17759.	1.3	1
6	Luminescent [Os(Cl)(CO)(P^P)(pbi)] complexes. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e559-e559.	0.0	0
7	Luminescent osmium(II) complexes with 2-(2-pyridyl)-benzimidazolate anion. Inorganic Chemistry Communication, 2018, 89, 27-31.	1.8	5
8	The luminescence properties of [Re(CO)2(P^P)(N^N)]+ complexes: Comparison with their [Re(CO)3(N^N)(Cl)] analogues. Journal of Luminescence, 2018, 203, 409-419.	1.5	9
9	Electrochemical Generation of Excited Intramolecular Chargeâ€Transfer States. ChemElectroChem, 2017, 4, 1604-1638.	1.7	17
10	Luminescence properties of heteroleptic [Ru(H)(CO)(N^N)(tpp)2]+ complexes: comparison with their [Os(H)(CO)(N^N)(tpp)2]+ analogues. Journal of Luminescence, 2017, 192, 842-852.	1.5	7
11	Heteroleptic [Os(H)(CO)(N^{â^§}N)(tpp)₂]⁺and [Os(Cl)(CO)(N^{â^§}N)(tpp)₂]⁺complexes â€“ comparative studies of their luminescence properties. Physical Chemistry Chemical Physics, 2016, 18, 28982-28996.	1.3	6
12	Cyclometalated iridium(III) chelatesâ€”a new exceptional class of the electrochemiluminescent luminophores. Analytical and Bioanalytical Chemistry, 2016, 408, 7013-7033.	1.9	74
13	The luminescence properties of the heteroleptic [Re(CO)₃(Nâ^©N)Cl] and [Re(CO)₃(Nâ^©N)(CH₃CN)]⁺ complexes in view of the combined Marcusâ€“Jortner and Mullikenâ€“Hush formalism. Physical Chemistry Chemical Physics, 2015, 17, 30468-30480.	1.3	25
14	The luminescence properties of heteroleptic [OsCl(CO)(Nâ^©N)(Pâ^©P)]+complexes â€“ radiative and non-radiative deactivation of the excited3*MLCT state. Physical Chemistry Chemical Physics, 2015, 17, 23332-23345.	1.3	10
15	Energy transfer from the excited 3*MLCT states to organic acceptorsâ€”Solvent effect studies. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 274, 73-82.	2.0	4
16	Energy transfer from the excited 3*MLCT states to organic acceptors â€“ Temperature effect studies. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 292, 10-15.	2.0	0
17	Monomeric complexes of Re(CO)3+ ion with tridentate Nâ^©Nâ^©Oâ^’ligands â€” Schiff base derivatives of salicylic aldehyde. Inorganic Chemistry Communication, 2014, 46, 103-106.	1.8	2
18	Synthesis and characterization of heteroleptic cyclometalated divalent osmium Os[P(C6H5)3]2(CO)(Nâ^©Câ^’)Cl complexes. Inorganic Chemistry Communication, 2013, 37, 26-29.	1.8	7

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19	Synthesis and characterization of osmium(II) chlorocarbonyl complexes with bidentate phosphines. Inorganic Chemistry Communication, 2013, 27, 138-141.	1.8	8
20	Differences in electron densities of phenoxazine and phenothiazine derivativesâ€"charge density studies. RSC Advances, 2012, 2, 4318.	1.7	9
21	Luminescence properties of diamino-dicyano substituted benzene and 1,4-pyrazine. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 225, 52-57.	2.0	3
22	Center-symmetric dimeric Re(CO)3+ complexes with Schiff base derivatives of salicylic aldehyde. Inorganic Chemistry Communication, 2011, 14, 1773-1776.	1.8	6
23	Time-resolved luminescence investigations of the reversible energy transfer from the excited 3*MLCT states to organic acceptorsâ€"An alternative method for the determination of triplet state energies and lifetimes. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 218, 58-63.	2.0	5
24	Photophysics and electrochemistry of quinoxaline chromophores decorated with thiophene or furane subunits. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 213, 101-106.	2.0	12
25	Cyclic voltammetry studies of n-type polymers with non-alternant fluoranthene units. Electrochimica Acta, 2009, 54, 1584-1588.	2.6	14
26	Electrochemiluminescence studies of phosphine chelated osmium(II) complexes. Inorganic Chemistry Communication, 2009, 12, 378-381.	1.8	14
27	Cyclometallated Iridium(III) Complexes with 2-Phenylbenzimidazole Derivatives â€“ Spectroscopic, Electrochemical and Electrochemiluminescence Studies. Zeitschrift Fur Physikalische Chemie, 2006, 220, 525-542.	1.4	22
28	Re(I)(tricarbonyl)+ complexes with the 2-(2-pyridyl)-N-methyl-benzimidazole, 2-(2-pyridyl)benzoxazole and 2-(2-pyridyl)benzothiazole ligands â€“ syntheses, structures, electrochemical and spectroscopic studies. Inorganica Chimica Acta, 2005, 358, 2701-2710.	1.2	54
29	Re(I)(tricarbonyl)+ complexes with anionic Nâˆ©Sâˆ’ thioxalato ligand. Inorganic Chemistry Communication, 2005, 8, 34-37.	1.8	8
30	A new cyclometalated rhenium(I) complex. Inorganic Chemistry Communication, 2005, 8, 1101-1104.	1.8	14
31	Os(dppe)(dppe monoxide)(CO)Cl2 as an active intermediate in the synthesis of strongly luminescent divalent osmium complexes. Inorganic Chemistry Communication, 2005, 8, 1177-1180.	1.8	8
32	Electrochemiluminescence studies of the cyclometalated iridium(III) L2Ir(acetyl acetonate) complexes. Electrochimica Acta, 2005, 50, 3395-3400.	2.6	69
33	Electrochemiluminescence studies of the cyclometalated iridium(III) complexes with substituted 2-phenylbenzothiazole ligands. Electrochemistry Communications, 2004, 6, 827-831.	2.3	67
34	Electron Transfer and Spin Up-Conversion Processes. , 2004, , 163-211.		4
35	Extremely efficient electrochemiluminescence systems based on tris(2-phenylpyridine)iridium(iii). Dalton Transactions, 2003, , 3907.	1.6	95
36	Electron Transfer Quenching and Electrochemiluminescence Comparative Studies of the Systems ContainingN-Methylpyridinium Cations and Ru(2,2â€˜-bipyridine)32+or Ru(1,10-phenathroline)32+Complexes. Journal of Physical Chemistry A, 2002, 106, 1678-1685.	1.1	21

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37	Electrochemically generated chemiluminescence of tris(2,2â€²-bipyridine)ruthenium(ii), tris(1,10-phenathroline)ruthenium(ii) and tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(ii) complexes. Dalton Transactions RSC, 2002, , 3219-3225.	2.3	15
38	ReI(CO)3+complexes with Nâ©Oâ”bidentate ligands. Dalton Transactions RSC, 2002, , 3434-3441.	2.3	39
39	Intramolecular excited charge-transfer states in donorâ€“acceptor derivatives of naphthalene and azanaphthalenes. Physical Chemistry Chemical Physics, 2001, 3, 2438-2449.	1.3	22
40	Monomeric and dimeric Re(i)(tricarbonyl)(8-quinolinato) complexes. Dalton Transactions RSC, 2001, , 2756-2761.	2.3	43
41	Radiative electron transfer in planar donorâ€“acceptor quinoxaline derivatives. Chemical Physics Letters, 2000, 325, 589-598.	1.2	25
42	Free energy dependence on tris(2,2â€²-bipyridine)ruthenium(II) electrochemiluminescence efficiency. Chemical Physics Letters, 2000, 328, 160-168.	1.2	28
43	Nature of the lowest triplet states of 4â€²-substituted N-phenylphenothiazine derivatives. Physical Chemistry Chemical Physics, 2000, 2, 4275-4280.	1.3	30
44	Excited charge transfer states in donorâ€“acceptor indole derivatives. Chemical Physics, 1999, 244, 251-261.	0.9	21
45	Radiative and nonradiative electron transfer in donorâ€“acceptor phenoxazine and phenothiazine derivatives. Chemical Physics, 1999, 249, 49-62.	0.9	41
46	Properties of the Intramolecular Excited Charge-Transfer States of Carbazol-9-yl Derivatives of Aromatic Ketones. Journal of Physical Chemistry A, 1999, 103, 8145-8155.	1.1	33
47	Electronic Structure and Molecular Conformation in the Excited Charge Transfer Singlet States of 9-Acridyl and Other Aryl Derivatives of Aromatic Amines. Journal of the American Chemical Society, 1998, 120, 1014-1029.	6.6	145
48	Intramolecular Radiative and Radiationless Charge Recombination Processes in Donorâ”Acceptor Carbazole Derivatives. Journal of Physical Chemistry A, 1997, 101, 2332-2344.	1.1	141
49	Electronic and molecular structure of charge transfer singlet states: 4-(9-anthryl)julolidine and 4-(9-acridyl)julolidine. Chemical Physics Letters, 1997, 273, 8-17.	1.2	38
50	Highly efficient electrochemical generation of fluorescent intramolecular charge-transfer states. Chemical Physics Letters, 1997, 275, 355-362.	1.2	39
51	Phosphorescent intramolecular charge transfer triplet states. Chemical Physics Letters, 1996, 262, 633-642.	1.2	40
52	Electrogenerated chemiluminescence from the tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(II) complex. Chemical Physics Letters, 1995, 236, 389-394.	1.2	45
53	Nature of 9,9â€²-bianthryl and 10,10â€²-dimethoxy-9,9â€²-bianthryl radical anions. Chemical Physics, 1994, 187, 391-397.	0.9	11
54	Solvent and temperature control of the reaction mechanism and efficiency in the electrogenerated chemiluminescence of rubrene. Journal of Electroanalytical Chemistry, 1994, 372, 101-116.	1.9	38

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55	Electrochemical generation of excited twisted intramolecular charge transfer states. Journal of Electroanalytical Chemistry, 1993, 348, 283-302.	1.9	25
56	Radiative electron transfer in aryl derivatives of dimethylanilines. Chemical Physics, 1993, 170, 221-233.	0.9	59
57	Electrochemical generation of excited TICT states. V. Evidence of inverted Marcus region. Chemical Physics, 1992, 166, 259-273.	0.9	42
58	Radiative and radiationless depopulation of the excited intramolecular charge transfer states: Aryl derivatives of aromatic amines. Chemical Physics, 1991, 158, 143-153.	0.9	78
59	Electrochemical generation of excited TICT states. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 302, 131-144.	0.3	30
60	Electrochemical generation of excited TICT states. Part I. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 279, 55-65.	0.3	31
61	Electrochemical generation of the excited TICT states. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 290, 135-143.	0.3	24
62	Homogeneous and Heterogeneous Electron Transfer Rates of the Tetrathiafulvaleneâ€šystem. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1990, 94, 439-447.	0.9	40
63	Comparison between heterogeneous and homogeneous electron transfer in p-phenylenediamine systems. Journal of the Chemical Society Faraday Transactions I, 1987, 83, 2727.	1.0	35
64	Rate constants of the electrode reactions of some quinones in hexamethylphosphoramide solutions at mercury electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1986, 201, 205-209.	0.3	7
65	Medium effect in the electroreduction of nitromesitylene. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 185, 15-28.	0.3	56
66	Voltammetric studies of transition metal salene complexes on glassy carbon electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 182, 427-432.	0.3	8
67	Solvent effect on the kinetics of the electrooxidation of phenothiazine. Electrochimica Acta, 1985, 30, 1301-1306.	2.6	37
68	The electrode kinetics of transition metal salene complexes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 163, 189-198.	0.3	20
69	Solvent effect on electrode reaction kinetics of transition metal salene complexes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 179, 187-199.	0.3	51
70	Voltammetric studies of Co(salen) and Ni(salen) in nonaqueous solvents at Pt electrode. Inorganica Chimica Acta, 1983, 69, 247-251.	1.2	66
71	Electrochemistry of vanadiumâ€"salene complexes in dimethylformamide solutions. Inorganica Chimica Acta, 1981, 53, L77-L79.	1.2	18
72	Disproportionation of (azobenzene)-.cntdot....lithium(1+) ion pairs in dimethylformamide. The Journal of Physical Chemistry, 1978, 82, 1141-1144.	2.9	8