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	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
2	Intramolecular Radiative and Radiationless Charge Recombination Processes in Donorâ^'Acceptor Carbazole Derivatives. Journal of Physical Chemistry A, 1997, 101, 2332-2344.	1.1	141
3	Extremely efficient electrochemiluminescence systems based on tris(2-phenylpyridine)iridium(iii). Dalton Transactions, 2003, , 3907.	1.6	95
4	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
5	Cyclometalated iridium(III) chelatesâ€"a new exceptional class of the electrochemiluminescent luminophores. Analytical and Bioanalytical Chemistry, 2016, 408, 7013-7033.	1.9	74
6	Electrochemiluminescence studies of the cyclometalated iridium(III) L2Ir(acetyl acetonate) complexes. Electrochimica Acta, 2005, 50, 3395-3400.	2.6	69
7	Electrochemiluminescence studies of the cyclometalated iridium(III) complexes with substituted 2-phenylbenzothiazole ligands. Electrochemistry Communications, 2004, 6, 827-831.	2.3	67
8	Voltammetric studies of Co(salen) and Ni(salen) in nonaqueous solvents at Pt electrode. Inorganica Chimica Acta, 1983, 69, 247-251.	1.2	66
9	Radiative electron transfer in aryl derivatives of dimethylanilines. Chemical Physics, 1993, 170, 221-233.	0.9	59
10	Medium effect in the electroreduction of nitromesitylene. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 185, 15-28.	0.3	56
11	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
12	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
13	Electrogenerated chemiluminescence from the tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(II) complex. Chemical Physics Letters, 1995, 236, 389-394.	1.2	45
14	Monomeric and dimeric Re(i)(tricarbonyl)(8-quinolinato) complexes. Dalton Transactions RSC, 2001, , 2756-2761.	2.3	43
15	Electrochemical generation of excited TICT states. V. Evidence of inverted Marcus region. Chemical Physics, 1992, 166, 259-273.	0.9	42
16	Radiative and nonradiative electron transfer in donorâ€"acceptor phenoxazine and phenothiazine derivatives. Chemical Physics, 1999, 249, 49-62.	0.9	41
17	Homogeneous and Heterogeneous Electron Transfer Rates of the Tetrathiafulvaleneâ€System. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1990, 94, 439-447.	0.9	40
18	Phosphorescent intramolecular charge transfer triplet states. Chemical Physics Letters, 1996, 262, 633-642.	1.2	40

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19	Highly efficient electrochemical generation of fluorescent intramolecular charge-transfer states. Chemical Physics Letters, 1997, 275, 355-362.	1.2	39
20	ReI(CO)3+complexes with Nâˆ©Oâˆ’bidentate ligands. Dalton Transactions RSC, 2002, , 3434-3441.	2.3	39
21	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
22	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
23	Solvent effect on the kinetics of the electrooxidation of phenothiazine. Electrochimica Acta, 1985, 30, 1301-1306.	2.6	37
24	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
25	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
26	Electrochemical generation of excited TICT states. Part I. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 279, 55-65.	0.3	31
27	Electrochemical generation of excited TICT states. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 302, 131-144.	0.3	30
28	Nature of the lowest triplet states of 4â€²-substituted N-phenylphenothiazine derivatives. Physical Chemistry Chemical Physics, 2000, 2, 4275-4280.	1.3	30
29	Free energy dependence on tris(2,2â€²-bipyridine)ruthenium(II) electrochemiluminescence efficiency. Chemical Physics Letters, 2000, 328, 160-168.	1.2	28
30	Electrochemical generation of excited twisted intramolecular charge transfer states. Journal of Electroanalytical Chemistry, 1993, 348, 283-302.	1.9	25
31	Radiative electron transfer in planar donorâ€“acceptor quinoxaline derivatives. Chemical Physics Letters, 2000, 325, 589-598.	1.2	25
32	The luminescence properties of the heteroleptic [Re(CO)₃(Nâˆ©N)Cl] and [Re(CO)₃(Nâˆ©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
33	Electrochemical generation of the excited TICT states. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 290, 135-143.	0.3	24
34	Intramolecular excited charge-transfer states in donorâ€“acceptor derivatives of naphthalene and azanaphthalenes. Physical Chemistry Chemical Physics, 2001, 3, 2438-2449.	1.3	22
35	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
36	Excited charge transfer states in donorâ€“acceptor indole derivatives. Chemical Physics, 1999, 244, 251-261.	0.9	21

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37	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
38	The electrode kinetics of transition metal salene complexes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 163, 189-198.	0.3	20
39	Electrochemistry of vanadiumâ€”salene complexes in dimethylformamide solutions. Inorganica Chimica Acta, 1981, 53, L77-L79.	1.2	18
40	Electrochemical Generation of Excited Intramolecular Chargeâ€Transfer States. ChemElectroChem, 2017, 4, 1604-1638.	1.7	17
41	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
42	A new cyclometalated rhenium(I) complex. Inorganic Chemistry Communication, 2005, 8, 1101-1104.	1.8	14
43	Cyclic voltammetry studies of n-type polymers with non-alternant fluoranthene units. Electrochimica Acta, 2009, 54, 1584-1588.	2.6	14
44	Electrochemiluminescence studies of phosphine chelated osmium(II) complexes. Inorganic Chemistry Communication, 2009, 12, 378-381.	1.8	14
45	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
46	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
47	The luminescence properties of heteroleptic [OsCl(CO)(Nâˆ©N)(Pâˆ©P)]+complexes â€“ radiative and non-radiative deactivation of the excited3*MLCT state. Physical Chemistry Chemical Physics, 2015, 17, 23332-23345.	1.3	10
48	Differences in electron densities of phenoxazine and phenothiazine derivativesâ€”charge density studies. RSC Advances, 2012, 2, 4318.	1.7	9
49	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
50	Disproportionation of (azobenzene)-.cntdot....lithium(1+) ion pairs in dimethylformamide. The Journal of Physical Chemistry, 1978, 82, 1141-1144.	2.9	8
51	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
52	Re(I)(tricarbonyl)+ complexes with anionic Nâˆ©Sâ” thioxalato ligand. Inorganic Chemistry Communication, 2005, 8, 34-37.	1.8	8
53	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
54	Synthesis and characterization of osmium(II) chlorocarbonyl complexes with bidentate phosphines. Inorganic Chemistry Communication, 2013, 27, 138-141.	1.8	8

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55	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
56	Synthesis and characterization of heteroleptic cyclometalated divalent osmium Os[P(C6H5)3]2(CO)(Nâˆ©Câˆ’)Cl complexes. Inorganic Chemistry Communication, 2013, 37, 26-29.	1.8	7
57	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
58	Center-symmetric dimeric Re(CO)3+ complexes with Schiff base derivatives of salicylic aldehyde. Inorganic Chemistry Communication, 2011, 14, 1773-1776.	1.8	6
59	Heteroleptic [Os(H)(CO)(N^{âˆ§}N)(tpp)₂]⁺and [Os(Cl)(CO)(N^{âˆ§}N)(tpp)₂]⁺complexes â€“ comparative studies of their luminescence properties. Physical Chemistry Chemical Physics, 2016, 18, 28982-28996.	1.3	6
60	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
61	Luminescent osmium(II) complexes with 2-(2-pyridyl)-benzimidazolate anion. Inorganic Chemistry Communication, 2018, 89, 27-31.	1.8	5
62	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
63	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
64	Electron Transfer and Spin Up-Conversion Processes. , 2004, , 163-211.		4
65	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
66	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
67	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
68	Monomeric complexes of Re(CO)3+ ion with tridentate Nâˆ©Nâˆ©Oâˆ’ligands â€“ Schiff base derivatives of salicylic aldehyde. Inorganic Chemistry Communication, 2014, 46, 103-106.	1.8	2
69	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
70	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
71	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
72	Luminescent [Os(Cl)(CO)(P^P)(pbi)] complexes. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e559-e559.	0.0	0