

# Maria Teresa Indelli

## List of Publications by Year in descending order

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71  
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126907

33  
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128289

60  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2784  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorescent 8-quinolinol metal chelates. Excited-state properties and redox behavior. <i>Inorganic Chemistry</i> , 1986, 25, 3858-3865.	4.0	257
2	Excited-state equilibration: a process leading to long-lived metal-to-ligand charge transfer luminescence in supramolecular systems. <i>Coordination Chemistry Reviews</i> , 2005, 249, 1336-1350.	18.8	229
3	Photoinduced electron and energy transfer in polynuclear complexes. <i>Topics in Current Chemistry</i> , 1990, , 73-149.	4.0	189
4	Free energy correlation of rate constants for electron transfer quenching of excited transition metal complexes. <i>Journal of the American Chemical Society</i> , 1978, 100, 7219-7223.	13.7	167
5	Triplet Pathways in Diarylethene Photochromism: Photophysical and Computational Study of Dyads Containing Ruthenium(II) Polypyridine and 1,2-Bis(2-methylbenzothiophene-3-yl)maleimide Units. <i>Journal of the American Chemical Society</i> , 2008, 130, 7286-7299.	13.7	163
6	A Study on Delocalization of MLCT Excited States by Rigid Bridging Ligands in Homometallic Dinuclear Complexes of Ruthenium(II). <i>Journal of Physical Chemistry A</i> , 1997, 101, 9061-9069.	2.5	146
7	Simple poly(pyridine)ruthenium(II) photosensitizer: (2,2'-bipyridine)tetracyanoruthenate(II). <i>Journal of the American Chemical Society</i> , 1986, 108, 7872-7873.	13.7	114
8	Photoinduced Electron and Energy Transfer in Rigidly Bridged Ru(II) $\leftrightarrow$ Rh(III) Binuclear Complexes. <i>Inorganic Chemistry</i> , 1996, 35, 303-312.	4.0	111
9	Electronic coupling between remote metal centers in cyanobridged polynuclear complexes. <i>Coordination Chemistry Reviews</i> , 1993, 125, 283-292.	18.8	109
10	Oligomeric dicyanobis(polypyridine)ruthenium(II) complexes. Synthesis, spectroscopic, and photophysical properties. <i>Inorganic Chemistry</i> , 1989, 28, 4350-4358.	4.0	107
11	Side-to-Face Ruthenium Porphyrin Arrays: Photophysical Behavior of Dimeric and Pentameric Systems. <i>Chemistry - A European Journal</i> , 1999, 5, 2668-2679.	3.3	105
12	Stepwise Charge Separation in Heterotriads. Binuclear Ru(II) $\leftrightarrow$ Rh(III) Complexes on Nanocrystalline Titanium Dioxide. <i>Journal of the American Chemical Society</i> , 2000, 122, 2840-2849.	13.7	104
13	Four Intercomponent Processes in a Ru(II)-Rh(III) Polypyridine Dyad: Electron Transfer from Excited Donor, Electron Transfer to Excited Acceptor, Charge Recombination, and Electronic Energy Transfer. <i>Journal of the American Chemical Society</i> , 1994, 116, 3768-3779.	13.7	96
14	Design of Long-Lived Ru(II) Terpyridine MLCT States. Tricyano Terpyridine Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 6084-6089.	4.0	96
15	Salt effects on nearly diffusion controlled electron-transfer reactions: bimolecular rate constants and cage escape yields in oxidative quenching of tris(2,2'-bipyridine)ruthenium(II). <i>The Journal of Physical Chemistry</i> , 1988, 92, 156-163.	2.9	86
16	Solvent Switching of Intramolecular Energy Transfer in Bichromophoric Systems: Photophysics of (2,2'-Bipyridine)tetracyanoruthenate(II)/Pyrenyl Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 5489-5497.	4.0	78
17	Absorption Spectra and Photophysical Properties of a Series of Polypyridine Ligands Containing Appended Pyrenyl and Anthryl Chromophores and of Their Ruthenium(II) and Osmium(II) Complexes. <i>Journal of Physical Chemistry A</i> , 2003, 107, 447-455.	2.5	74
18	Photoinduced Electron Transfer across Oligo-p-phenylene Bridges. Distance and Conformational Effects in Ru(II) $\leftrightarrow$ Rh(III) Dyads. <i>Inorganic Chemistry</i> , 2007, 46, 5630-5641.	4.0	73

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19	Quenching of singlet and triplet excited states of aromatic molecules by europium ions. <i>The Journal of Physical Chemistry</i> , 1982, 86, 3585-3591.	2.9	68
20	Energy transfer pathways in pyridylporphyrin metal adducts and side-to-face arrays. <i>Coordination Chemistry Reviews</i> , 2002, 229, 51-58.	18.8	60
21	Photophysics of Pyridylporphyrin Ru(II) Adducts: Heavy-Atom Effects and Intramolecular Decay Pathways. <i>Inorganic Chemistry</i> , 2001, 40, 3498-3504.	4.0	56
22	Second sphere donor acceptor interactions in excited states of coordination compounds. Ruthenium(II) bipyridine cyano complexes. <i>Pure and Applied Chemistry</i> , 1988, 60, 973-980.	1.9	55
23	Photophysics of Supercomplexes. Adduct between Ru(bpy)(CN) <sub>4</sub> <sup>2-</sup> and the [32]ane-N <sub>8</sub> H <sub>8</sub> +Polyaza Macrocycle. <i>Inorganic Chemistry</i> , 1996, 35, 3355-3361.	4.0	53
24	Photoinduced Electron Transfer in Ruthenium(II)-Rhodium(III) Terpyridine Dyads. <i>Inorganic Chemistry</i> , 1997, 36, 4247-4250.	4.0	52
25	Bis(2,2'-bipyridine)ruthenium(II)-hexacyanochromate(III) chromophore-luminophore complexes. Intramolecular energy transfer, excited-state intervalence transfer, and doublet-doublet annihilation. <i>Journal of the American Chemical Society</i> , 1989, 111, 5192-5198.	13.7	51
26	Photochemistry and Photophysics of Coordination Compounds: Rhodium. , 2007, , 215-255.		51
27	Ruthenium(II) 2,2'-bipyridine complexes containing methyl isocyanide ligands. Extreme effects of nonchromophoric ligands on excited-state properties. <i>Journal of the American Chemical Society</i> , 1988, 110, 7381-7386.	13.7	50
28	The nonadiabaticity problem of outer-sphere electron-transfer reactions. Reduction and oxidation of europium ions. <i>Journal of the American Chemical Society</i> , 1981, 103, 3370-3378.	13.7	47
29	Design of supramolecular systems for spectral sensitization of semiconductors. <i>Solar Energy Materials and Solar Cells</i> , 1994, 32, 229-244.	6.2	47
30	Photoinduced Electron/Energy Transfer Across Molecular Bridges in Binuclear Metal Complexes. <i>Topics in Current Chemistry</i> , 2005, 257, 63-102.	4.0	43
31	Intramolecular energy transfer in ruthenium(II)-chromium(III) chromophore-luminophore complexes. Ru(bpy) <sub>2</sub> [Cr(cyclam)(CN) <sub>2</sub> ] <sub>24</sub> <sup>+</sup> . <i>Inorganic Chemistry</i> , 1992, 31, 172-177.	4.0	42
32	Structural and Photophysical Characterization of Multichromophoric Pyridylporphyrin-Rhenium(I) Conjugates. <i>Inorganic Chemistry</i> , 2008, 47, 10407-10418.	4.0	42
33	Intramolecular energy transfer in Ru(II)-Ru(II) and Ru(II)-Cr(III) polynuclear complexes. <i>Coordination Chemistry Reviews</i> , 1990, 97, 299-312.	18.8	38
34	Bis(8-quinolinolato)platinum(II): a novel complex exhibiting efficient, long-lived luminescence in fluid solution. <i>Inorganica Chimica Acta</i> , 1978, 31, L423-L424.	2.4	33
35	Photoinduced energy and electron transfer in inorganic covalently linked systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1994, 82, 191-202.	3.9	33
36	An artificial antenna complex containing four Ru(bpy) <sub>3</sub> <sup>2+</sup> -type chromophores as light-harvesting components and a Ru(bpy)(CN) <sub>4</sub> <sup>2-</sup> subunit as the energy trap. A structural motif which resembles the natural photosynthetic systems. <i>Chemical Communications</i> , 2003, , 286.	4.1	32

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37	Experimental investigation of highly exergonic outer-sphere electron-transfer reactions. <i>The Journal of Physical Chemistry</i> , 1984, 88, 2547-2551.	2.9	30
38	Molecular structure and linkage isomerism of cis-[Ru(bipy) <sub>2</sub> {trans-Cr(cyclam)(CN) <sub>2</sub> } <sub>2</sub> ] <sup>4+</sup> (bipy = 2,2'-bipyridine). <i>Journal of Physical Chemistry Transactions</i> , 1994, , 2391-2395.	1.1	27
39	Photoinduced Electron Transfer in Ruthenium(II)/Tin(IV) Multiporphyrin Arrays. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14273-14282.	2.6	26
40	On the effect of the nature of the bridge on oxidative or reductive photoinduced electron transfer in donor-bridge-acceptor systems. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 818-826.	2.8	26
41	Self-Assembled Ruthenium(II)Porphyrin-Aluminium(III)Porphyrin-Fullerene Triad for Long-Lived Photoinduced Charge Separation. <i>Journal of Physical Chemistry A</i> , 2017, 121, 4242-4252.	2.5	25
42	Improving the Efficiency of the Photoinduced Charge-Separation Process in a Ruthenium(II)-Zinc Porphyrin Dyad by Simple Chemical Functionalization. <i>Inorganic Chemistry</i> , 2013, 52, 3190-3197.	4.0	23
43	Energy transfer pathways in pyridylporphyrin Re(I) adducts. <i>Inorganica Chimica Acta</i> , 2007, 360, 1121-1130.	2.4	22
44	Excited-state charge recombination in a ruthenium(II)-chromium(III) polynuclear complex. <i>The Journal of Physical Chemistry</i> , 1993, 97, 3328-3332.	2.9	21
45	The synthesis and characterisation of Rh(III) complexes with pyridyl triazole ligands. <i>Inorganica Chimica Acta</i> , 2004, 357, 2989-3000.	2.4	21
46	Concerted motions in supramolecular systems: metal-mediated assemblies of porphyrins that behave like nanometric step-machines. <i>Chemical Communications</i> , 2011, 47, 1616-1618.	4.1	20
47	Electron Transfer Across Modular Oligo-phenylene Bridges in Ru(bpy) <sub>2</sub> (bpy-ph) <sup>+</sup> (n = 1-5) Dyads. Unusual Effects of Bridge Elongation. <i>Journal of Physical Chemistry A</i> , 2012, 116, 119-131.	2.5	20
48	p-Carborane-Bridged Bipyridine Ligands for Energy Transfer between Two Iridium Centers. <i>Inorganic Chemistry</i> , 2013, 52, 2918-2926.	4.0	20
49	Zinc Porphyrin-Re(I) Bipyridyl-Fullerene Triad: Synthesis, Characterization, and Kinetics of the Stepwise Electron-Transfer Processes Initiated by Visible Excitation. <i>Inorganic Chemistry</i> , 2015, 54, 280-292.	4.0	20
50	Remarks on free-energy correlations of rate constants for electron-transfer quenching of electronically excited states. <i>Journal of the American Chemical Society</i> , 1978, 100, 7733-7734.	13.7	19
51	Rate constants of electronic energy transfer from aromatic triplets to chromium(III) complexes. Role of the preexponential factor. <i>The Journal of Physical Chemistry</i> , 1980, 84, 852-855.	2.9	18
52	Photophysics of supercomplexes. A laser-induced optoacoustic study of the adducts between Ru(bpy)(CN) <sub>4</sub> <sup>2-</sup> and polyaza macrocycles. <i>Chemical Physics Letters</i> , 2000, 317, 53-58.	2.6	18
53	p-Carborane: A New Cage Spacer for Photoactive Metal Polypyridine Dyads. <i>Inorganic Chemistry</i> , 2006, 45, 4331-4333.	4.0	17
54	Sn(IV) Multiporphyrin Arrays as Tunable Photoactive Systems. <i>Inorganic Chemistry</i> , 2019, 58, 4399-4411.	4.0	17

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55	Excited-state absorption of tris(phenanthroline)rhodium(III). A handle on the excited-state behavior of a powerful photochemical oxidant. <i>The Journal of Physical Chemistry</i> , 1984, 88, 2685-2686.	2.9	16
56	Crossover from metal-centered to ligand-centered emission in rhodium(III) polypyridine complexes: Rh(phen) <sub>2</sub> (NH <sub>3</sub> )Cl <sub>2</sub> <sup>+</sup> , Rh(phen) <sub>2</sub> (NH <sub>3</sub> ) <sub>2</sub> <sup>3+</sup> , Rh(phen) <sub>2</sub> (CN) <sub>2</sub> <sup>+</sup> . <i>Inorganic Chemistry</i> , 1990, 29, 3056-3058.	4.0	15
57	Organization of a metal complex dyad in monolayers. <i>Thin Solid Films</i> , 1996, 284-285, 62-65.	1.8	13
58	Intramolecular energy transfer in Cr(III)-Cr(III) and Ru(II)-Cr(III)-Cr(III) polynuclear complexes. <i>Coordination Chemistry Reviews</i> , 1991, 111, 267-274.	18.8	12
59	A Selective Metal-Mediated Approach for the Efficient Self-Assembling of Multi-Component Photoactive Systems. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 337-344.	2.0	10
60	Structural and photophysical characterization of a tin(IV) porphyrin-rhenium(I)(diimine) conjugate. <i>Inorganica Chimica Acta</i> , 2016, 439, 61-68.	2.4	10
61	Photoinduced Energy and Electron Transfer Processes in a Side-to-Face Ru <sup>II</sup> -Porphyrin/Perylene-bisimide Array. <i>ChemPhysChem</i> , 2019, 20, 2195-2203.	2.1	8
62	Synthesis and properties of phosphorescent iridium(III) complexes of delocalized ligands. <i>Dalton Transactions</i> , 2013, 42, 4544.	3.3	6
63	Intramolecular charge shift following bimolecular reductive quenching of a rhodium(III) polypyridine-diquat dyad. <i>The Journal of Physical Chemistry</i> , 1991, 95, 3889-3892.	2.9	5
64	Incorporation of a Ruthenium-Rhodium Dyad in Monolayers at the Gas/Water Interface. <i>Langmuir</i> , 1997, 13, 4877-4881.	3.5	5
65	Electron transfer quenching of excited states by europium(III) in acetonitrile solutions. <i>Inorganica Chimica Acta</i> , 1981, 53, L213-L214.	2.4	4
66	8-Quinolinol metal complexes as redox photosensitizers. <i>Journal of Photochemistry and Photobiology</i> , 1981, 17, 155-156.	0.6	2
67	Doublet-doublet annihilation in chromium(III) polypyridine complexes. <i>The Journal of Physical Chemistry</i> , 1982, 86, 4284-4286.	2.9	2
68	Pseudopeptide Foldamers designed for photoinduced intramolecular electron transfer. <i>RSC Advances</i> , 2015, 5, 10809-10815.	3.6	2
69	Side-to-Face Ruthenium Porphyrin Arrays: Photophysical Behavior of Dimeric and Pentameric Systems. <i>Chemistry - A European Journal</i> , 1999, 5, 2668-2679.	3.3	2
70	Non-adiabatic outer sphere electron transfer quenching of excited states by Eu(III). <i>Journal of Photochemistry and Photobiology</i> , 1981, 17, 15.	0.6	0
71	Doublet-doublet annihilation of Cr(III) polypyridine complexes. <i>Journal of Photochemistry and Photobiology</i> , 1981, 17, 169.	0.6	0