

Neyde Yukie Murakami Iha

List of Publications by Year in descending order

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331670

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docs citations

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times ranked

2575
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient visible light harvesting through fac-[Re(CO) ₃ (R2bpy)(trans-bpe)] ⁺ complexes. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 418, 113402.	3.9	1
2	Outstanding visible trans-to-cis photoinduced isomerization of fac-[Re(CO) ₃ (dcbH ₂)(trans-stpy)] ⁺ on thin TiO ₂ film. Journal of Photochemistry and Photobiology, 2021, 8, 100061.	2.5	1
3	Photophysical Properties of Ir(III) Complexes Immobilized in MCM-41 via Templated Synthesis. Inorganic Chemistry, 2019, 58, 4962-4971.	4.0	11
4	Unraveling the luminescence of new heteroleptic Ir(III) cyclometalated series. Polyhedron, 2019, 163, 161-170.	2.2	5
5	New LbL-TiO ₂ /ZnO Compact Films to Improve Performance of Dye-Sensitized Solar Cells. ChemistrySelect, 2019, 4, 265-270.	1.5	1
6	Versatile ruthenium(II) dye towards blue-light emitter and dye-sensitizer for solar cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 198, 331-337.	3.9	2
7	Photophysical dynamics of the efficient emission and photosensitization of [Ir(pqi) ₂ (NN)] ⁺ complexes. Dalton Transactions, 2018, 47, 1179-1188.	3.3	14
8	The Use of Rutile and Anatase Titania Layers towards Back Light Scattering in Dye-Sensitized Solar Cells. ChemistrySelect, 2018, 3, 10475-10482.	1.5	3
9	Photoreversible Molecular Motion of stpyCN Coordinated to fac-[Re(CO) ₃ (NN)] ⁺ Complexes. Journal of Physical Chemistry A, 2018, 122, 6071-6080.	2.5	15
10	Visible Photosensitization of trans-Styrylpyridine Coordinated to fac-[Re(CO) ₃ (dcbH ₂)] ⁺ : New Insights. Inorganic Chemistry, 2018, 57, 9316-9326.	4.0	14
11	Molecular engineered rhenium(III) carbonyl complexes to promote photoisomerization of coordinated stilbene-like ligands in the visible region. Dalton Transactions, 2018, 47, 13081-13087.	3.3	12
12	The role of layer-by-layer, compact TiO ₂ films in dye-sensitized photoelectrosynthesis cells. Sustainable Energy and Fuels, 2017, 1, 112-118.	4.9	11
13	Natural sensitizers for DSCs improved with nano-TiO ₂ compact layer. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 346, 144-152.	3.9	6
14	Reversible trans-cis photoisomerizations of [Re(CO) ₃ (ph ₂ phen)(stpyCN)] ⁺ towards molecular machines. Dalton Transactions, 2017, 46, 9951-9958.	3.3	21
15	Microwave-assisted synthesis and photophysical studies of novel fluorescent N-acylhydrazone and semicarbazone-7-OH-coumarin dyes. New Journal of Chemistry, 2016, 40, 8846-8854.	2.8	31
16	Ir(III) complexes designed for light-emitting devices: beyond the luminescence color array. Dalton Transactions, 2015, 44, 14559-14573.	3.3	103
17	Molecular-engineered [Ir(Fppy) ₂ (Mepic)] towards efficient blue-emission. New Journal of Chemistry, 2015, 39, 6367-6376.	2.8	18
18	Artificial photosynthesis: Where are we now? Where can we go?. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2015, 25, 32-45.	11.6	158

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19	Photophysical characterization of [Ir(ppy) ₂ (dmb)]PF ₆ towards application in light-emitting electrochemical cells (LECs). <i>Inorganic Chemistry Communication</i> , 2014, 43, 162-164.	3.9	15
20	Blue-Green Iridium(III) Emitter and Comprehensive Photophysical Elucidation of Heteroleptic Cyclometalated Iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 4089-4099.	4.0	116
21	All-Nano-TiO ₂ Compact Film for High-Performance Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10421-10428.	8.0	20
22	Solid State Molecular Device Based on a Rhenium(I) Polypyridyl Complex Immobilized on TiO ₂ Films. <i>Inorganic Chemistry</i> , 2013, 52, 5889-5896.	4.0	35
23	Optomechanical trans-to-cis and cis-to-trans isomerization and unusual photophysical behavior of fac-[Re(CO) ₃ (phen)(CNstpy)] ⁺ . <i>Inorganic Chemistry Communication</i> , 2012, 20, 105-107.	3.9	15
24	Luminous efficiency enhancement of PVK based OLEDs with fac-[ClRe(CO) ₃ (bpy)]. <i>Synthetic Metals</i> , 2011, 161, 1972-1975.	3.9	20
25	Modulation of trans-to-cis photoisomerization and photoluminescence of 1,2-bis(4-pyridyl)ethylene or 4-styrylpyridine coordinated to fac-tricarbonyl(5-chloro-1,10-phenanthroline)rhenium(I). <i>Inorganica Chimica Acta</i> , 2011, 376, 531-537.	2.4	27
26	Making solar fuels by artificial photosynthesis. <i>Pure and Applied Chemistry</i> , 2011, 83, 749-768.	1.9	123
27	¹ H NMR spectroscopy as a tool to determine accurate photoisomerization quantum yields of stilbene-like ligands coordinated to rhenium(I) polypyridyl complexes. <i>Inorganica Chimica Acta</i> , 2010, 363, 294-300.	2.4	36
28	Excited-State Dynamics in fac-[Re(CO) ₃ (Me ₄ phen)(L)] ⁺ . <i>Journal of Physical Chemistry A</i> , 2010, 114, 12129-12137.	2.5	56
29	On the energy transfer from a polymer host to the rhenium(I) complex in OLEDs. <i>Synthetic Metals</i> , 2009, 159, 2315-2317.	3.9	25
30	XPS characterization of sensitized n-TiO ₂ thin films for dye-sensitized solar cell applications. <i>Applied Surface Science</i> , 2008, 254, 1874-1879.	6.1	83
31	Photoswitches and Luminescent Rigidity Sensors Based on fac-[Re(CO) ₃ (Me ₄ phen)(L)] ⁺ . <i>Inorganic Chemistry</i> , 2008, 47, 10851-10857.	4.0	58
32	Photoinduced isomerization and luminescence of fac-[Re(CO) ₃ (ph ₂ phen)(bpe)] ⁺ . <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1664-1671.	0.6	27
33	Light driven trans-to-cis isomerization of stilbene-like ligands in fac-[Re(CO) ₃ (NN)(trans-L)] ⁺ and luminescence of their photoproducts. <i>Coordination Chemistry Reviews</i> , 2006, 250, 1669-1680.	18.8	122
34	Photoinduced luminescence of fac-[Re(CO) ₃ (phen)(stpy)] ⁺ in CH ₃ CN and PMMA. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 181, 73-78.	3.9	31
35	Metal complex sensitizers in dye-sensitized solar cells. <i>Coordination Chemistry Reviews</i> , 2004, 248, 1343-1361.	18.8	488
36	Luminescent rigidochromism of fac-[Re(CO) ₃ (phen)(cis-bpe)] ⁺ and its binuclear complex as photosensors. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 160, 27-32.	3.9	87

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37	Fruit extracts and ruthenium polypyridinic dyes for sensitization of TiO ₂ in photoelectrochemical solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 160, 87-91.	3.9	134
38	Mechanism of Metal-to-Ligand Charge Transfer Sensitization of Olefin Trans-to-Cis Isomerization in the fac-[Re(phen)(CO) ₃ (1,2-bpe)] ⁺ Cation. <i>Journal of Physical Chemistry A</i> , 2003, 107, 4092-4095.	2.5	57
39	Light driven isomerization of coordinated ligand and modulation of fac-[Re(CO) ₃ (phen)(trans-bpe)]PF ₆ photoluminescence in rigid media. <i>International Journal of Photoenergy</i> , 2001, 3, 143-164.	2.5	18
40	Syntheses and spectroscopic characterization of fac-[Re(CO) ₃ (phen)(L)]PF ₆ , L=trans- and cis-1,2-bis(4-pyridyl)ethylene. <i>Inorganica Chimica Acta</i> , 2001, 313, 149-155.	2.4	76