

# Neyde Yukie Murakami Iha

## List of Publications by Year in descending order

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40  
papers

2,096  
citations

331670

21  
h-index

289244

40  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal complex sensitizers in dye-sensitized solar cells. <i>Coordination Chemistry Reviews</i> , 2004, 248, 1343-1361.	18.8	488
2	Artificial photosynthesis: Where are we now? Where can we go?. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2015, 25, 32-45.	11.6	158
3	Fruit extracts and ruthenium polypyridinic dyes for sensitization of TiO <sub>2</sub> in photoelectrochemical solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 160, 87-91.	3.9	134
4	Making solar fuels by artificial photosynthesis. <i>Pure and Applied Chemistry</i> , 2011, 83, 749-768.	1.9	123
5	Light driven trans-to-cis isomerization of stilbene-like ligands in fac-[Re(CO) <sub>3</sub> (NN)(trans-L)] <sup>+</sup> and luminescence of their photoproducts. <i>Coordination Chemistry Reviews</i> , 2006, 250, 1669-1680.	18.8	122
6	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
7	Ir(III) complexes designed for light-emitting devices: beyond the luminescence color array. <i>Dalton Transactions</i> , 2015, 44, 14559-14573.	3.3	103
8	Luminescent rigidochromism of fac-[Re(CO) <sub>3</sub> (phen)(cis-bpe)] <sup>+</sup> and its binuclear complex as photosensors. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 160, 27-32.	3.9	87
9	XPS characterization of sensitized n-TiO <sub>2</sub> thin films for dye-sensitized solar cell applications. <i>Applied Surface Science</i> , 2008, 254, 1874-1879.	6.1	83
10	Syntheses and spectroscopic characterization of fac-[Re(CO) <sub>3</sub> (phen)(L)]PF <sub>6</sub> , L=trans- and cis-1,2-bis(4-pyridyl)ethylene. <i>Inorganica Chimica Acta</i> , 2001, 313, 149-155.	2.4	76
11	Photoswitches and Luminescent Rigidity Sensors Based on fac-[Re(CO) <sub>3</sub> (Me <sub>4</sub> phen)(L)] <sup>+</sup> . <i>Inorganic Chemistry</i> , 2008, 47, 10851-10857.	4.0	58
12	Mechanism of Metal-to-Ligand Charge Transfer Sensitization of Olefin Trans-to-Cis Isomerization in the fac-[Re(phen)(CO) <sub>3</sub> (1,2-bpe)] <sup>+</sup> Cation. <i>Journal of Physical Chemistry A</i> , 2003, 107, 4092-4095.	2.5	57
13	Excited-State Dynamics in fac-[Re(CO) <sub>3</sub> (Me <sub>4</sub> phen)(L)] <sup>+</sup> . <i>Journal of Physical Chemistry A</i> , 2010, 114, 12129-12137.	2.5	56
14	<sup>1</sup> 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
15	Solid State Molecular Device Based on a Rhenium(I) Polypyridyl Complex Immobilized on TiO <sub>2</sub> Films. <i>Inorganic Chemistry</i> , 2013, 52, 5889-5896.	4.0	35
16	Photoinduced luminescence of fac-[Re(CO) <sub>3</sub> (phen)(stpy)] <sup>+</sup> in CH <sub>3</sub> CN and PMMA. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 181, 73-78.	3.9	31
17	Microwave-assisted synthesis and photophysical studies of novel fluorescent N-acylhydrazone and semicarbazone-7-OH-coumarin dyes. <i>New Journal of Chemistry</i> , 2016, 40, 8846-8854.	2.8	31
18	Photoinduced isomerization and luminescence of fac-[Re(CO) <sub>3</sub> (ph <sub>2</sub> phen)(bpe)] <sup>+</sup> . <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1664-1671.	0.6	27

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19	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
20	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
21	Reversible trans $\rightleftharpoons$ cis photoisomerizations of [Re(CO) <sub>3</sub> (ph) <sub>2</sub> (stpyCN)] <sup>+</sup> towards molecular machines. <i>Dalton Transactions</i> , 2017, 46, 9951-9958.	3.3	21
22	Luminous efficiency enhancement of PVK based OLEDs with fac-[ClRe(CO) <sub>3</sub> (bpy)]. <i>Synthetic Metals</i> , 2011, 161, 1972-1975.	3.9	20
23	All-Nano-TiO <sub>2</sub> Compact Film for High-Performance Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 10421-10428.	8.0	20
24	Light driven isomerization of coordinated ligand and modulation of fac-[Re(CO) <sub>3</sub> (phen)(trans-bpe)]PF <sub>6</sub> photoluminescence in rigid media. <i>International Journal of Photoenergy</i> , 2001, 3, 143-164.	2.5	18
25	Molecular-engineered [Ir(Fppy) <sub>2</sub> (Mepic)] towards efficient blue-emission. <i>New Journal of Chemistry</i> , 2015, 39, 6367-6376.	2.8	18
26	Optomechanical trans-to-cis and cis-to-trans isomerization and unusual photophysical behavior of fac-[Re(CO) <sub>3</sub> (phen)(CNstpy)] <sup>+</sup> . <i>Inorganic Chemistry Communication</i> , 2012, 20, 105-107.	3.9	15
27	Photophysical characterization of [Ir(ppy) <sub>2</sub> (dmb)][PF <sub>6</sub> ] towards application in light-emitting electrochemical cells (LECs). <i>Inorganic Chemistry Communication</i> , 2014, 43, 162-164.	3.9	15
28	Photoreversible Molecular Motion of stpyCN Coordinated to fac-[Re(CO) <sub>3</sub> (NN)] <sup>+</sup> Complexes. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6071-6080.	2.5	15
29	Photophysical dynamics of the efficient emission and photosensitization of [Ir(pqi) <sub>2</sub> (NN)] <sup>+</sup> complexes. <i>Dalton Transactions</i> , 2018, 47, 1179-1188.	3.3	14
30	Visible Photosensitization of trans-Styrylpyridine Coordinated to fac-[Re(CO) <sub>3</sub> (dcbH <sub>2</sub> )] <sup>+</sup> : New Insights. <i>Inorganic Chemistry</i> , 2018, 57, 9316-9326.	4.0	14
31	Molecular engineered rhenium( <sup>+</sup> ) carbonyl complexes to promote photoisomerization of coordinated stilbene-like ligands in the visible region. <i>Dalton Transactions</i> , 2018, 47, 13081-13087.	3.3	12
32	The role of layer-by-layer, compact TiO <sub>2</sub> films in dye-sensitized photoelectrosynthesis cells. <i>Sustainable Energy and Fuels</i> , 2017, 1, 112-118.	4.9	11
33	Photophysical Properties of Ir(III) Complexes Immobilized in MCM-41 via Templated Synthesis. <i>Inorganic Chemistry</i> , 2019, 58, 4962-4971.	4.0	11
34	Natural sensitizers for DSCs improved with nano-TiO <sub>2</sub> compact layer. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 144-152.	3.9	6
35	Unraveling the luminescence of new heteroleptic Ir(III) cyclometalated series. <i>Polyhedron</i> , 2019, 163, 161-170.	2.2	5
36	The Use of Rutile and Anatase Titanium Layers towards Back Light Scattering in Dye-Sensitized Solar Cells. <i>ChemistrySelect</i> , 2018, 3, 10475-10482.	1.5	3

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37	Versatile ruthenium(II) dye towards blue-light emitter and dye-sensitizer for solar cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 198, 331-337.	3.9	2
38	New $\text{TiO}_2/\text{ZnO}$ Compact Films to Improve Performance of Dye-Sensitized Solar Cells. <i>ChemistrySelect</i> , 2019, 4, 265-270.	1.5	1
39	Efficient visible light harvesting through fac-[Re(CO) <sub>3</sub> (R <sub>2</sub> bpy)(trans-bpe)] <sup>+</sup> complexes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 418, 113402.	3.9	1
40	Outstanding visible trans-to-cis photoinduced isomerization of fac-[Re(CO) <sub>3</sub> (dcbH <sub>2</sub> )(trans-stpy)] <sup>+</sup> on thin TiO <sub>2</sub> film. <i>Journal of Photochemistry and Photobiology</i> , 2021, 8, 100061.	2.5	1