

# Francesco Nastasi

## List of Publications by Year in descending order

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50  
papers

1,940  
citations

304602

22  
h-index

377752

34  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photochemistry and Photophysics of Coordination Compounds: Ruthenium. , 2007, , 117-214.		703
2	Star-Shaped Multichromophoric Arrays from Bodipy Dyes Grafted on Truxene Core. Journal of the American Chemical Society, 2009, 131, 6108-6110.	6.6	118
3	Ruthenium(II) Complexes with Improved Photophysical Properties Based on Planar 4-((2-Pyrimidinyl)-2,2,6,6-tetramethyl-3,4-dihydropyridine) Ligands. Inorganic Chemistry, 2007, 46, 2854-2863.	1.9	78
4	Designing Multifunctional Expanded Pyridiniums: Properties of Branched and Fused Head-to-Tail Bipyridiniums. Journal of the American Chemical Society, 2010, 132, 16700-16713.	6.6	65
5	Photoinduced intercomponent processes in multichromophoric species made of Pt(II)-terpyridine-acetylide and dipyromethene-BF <sub>2</sub> subunits. Physical Chemistry Chemical Physics, 2008, 10, 3982.	1.3	64
6	Synthetic, Structural, and Photophysical Exploration of <i>meso</i> -Pyrimidinyl-Substituted A <sub>2</sub> -Corroles. Chemistry - A European Journal, 2010, 16, 5691-5705.	1.7	51
7	Coupling synthetic antenna and electron donor species: A tetranuclear mixed-metal Os(II)-Ru(II) dendrimer containing six phenothiazine donor subunits at the periphery. Coordination Chemistry Reviews, 2007, 251, 536-545.	9.5	50
8	Expanded Pyridiniums: Bis-cyclization of Branched Pyridiniums into Their Fused Polycyclic and Positively Charged Derivatives—Assessing the Impact of Pericondensation on Structural, Electrochemical, Electronic, and Photophysical Features. Chemistry - A European Journal, 2010, 16, 11047-11063.	1.7	46
9	Luminescent Excited-State Intramolecular Proton Transfer (ESIPT) Dyes Based on 4-Alkyne-Functionalized [2,2',3,3'-Bipyridine]-3,3'-diol Dyes. Chemistry - A European Journal, 2008, 14, 4381-4392.	1.7	43
10	Ru <sup>II</sup> Multinuclear Metallosupramolecular Rack-Type Architectures of Polytopic Hydrazone-Based Ligands: Synthesis, Structural Features, Absorption Spectra, Redox Behavior, and Near-Infrared Luminescence. Chemistry - A European Journal, 2010, 16, 5645-5660.	1.7	38
11	Photoinduced water oxidation sensitized by a tetranuclear Ru(II) dendrimer. Dalton Transactions, 2009, , 9997.	1.6	36
12	Solid-state luminescence switching of platinum(II) dithioamide complexes in the presence of hydrogen halide and amine gases. Chemical Communications, 2007, , 4740.	2.2	35
13	Vectorial Photoinduced Energy Transfer Between Boron-Dipyromethene (Bodipy) Chromophores Across a Fluorene Bridge. Chemistry - A European Journal, 2010, 16, 8832-8845.	1.7	34
14	Hybrid complexes: Pt(II)-terpyridine linked to various acetylide-bodipy subunits. Physical Chemistry Chemical Physics, 2010, 12, 7392.	1.3	34
15	<i>meso</i> -Pyrimidinyl-Substituted A <sub>2</sub> - and A <sub>3</sub> -Corroles. Journal of Organic Chemistry, 2010, 75, 2127-2130.	1.7	33
16	Ultrafast Energy Transfer in Triptycene-Grafted Bodipy Scaffoldings. Chemistry - A European Journal, 2013, 19, 8900-8912.	1.7	32
17	Molecular Wire Type Behavior of Polycationic Multinuclear Rack-Type Ru <sup>II</sup> Complexes of Polytopic Hydrazone-Based Ligands. Angewandte Chemie - International Edition, 2007, 46, 6144-6147.	7.2	30
18	Molecular logics: a mixed bodipy-bipyridine dye behaving as a concealable molecular switch. New Journal of Chemistry, 2011, 35, 948.	1.4	29

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19	Dinuclear Ru(II) complexes of bis-(dipyridyl)triazine (bis-dpt) ligands as efficient electron reservoirs. <i>Chemical Communications</i> , 2011, 47, 3586.	2.2	28
20	Luminescence of meso-pyrimidinylcorroles: relationship with substitution pattern and heavy atom effects. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 143-150.	1.6	27
21	A luminescent multicomponent species made of fullerene and Ir(III) cyclometallated subunits. <i>Chemical Communications</i> , 2007, , 3556.	2.2	25
22	Photoinduced energy transfer in a rod-like dinuclear Ru(II) complex containing bis-pyridyl-1,3,5-triazine ligands. <i>Dalton Transactions</i> , 2009, , 3964.	1.6	24
23	Artificial, molecular-based light-harvesting antenna systems made of metal dendrimers and multibodipy species. <i>Comptes Rendus Chimie</i> , 2017, 20, 209-220.	0.2	23
24	Corrole "Porphyrin Conjugates with Interchangeable Metal Centers. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5605-5617.	1.2	22
25	Photo- and Redox-Active Metal Dendrimers: A Journey from Molecular Design to Applications and Self-Assembled Systems. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3887-3899.	1.0	22
26	Mechanistic Insights into Light-Activated Catalysis for Water Oxidation. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2027-2039.	1.0	20
27	Charge injection into nanostructured TiO <sub>2</sub> electrodes from the photogenerated reduced form of a new Ru(II) polypyridine compound: the "anti-biomimetic" mechanism at work. <i>Dalton Transactions</i> , 2016, 45, 14109-14123.	1.6	19
28	A heptanuclear light-harvesting metal-based antenna dendrimer with six Ru(II)-based chromophores directly powering a single Os(II)-based energy trap. <i>Dalton Transactions</i> , 2016, 45, 19238-19241.	1.6	19
29	Photoinduced Assembly of a Luminescent Tetra-ruthenium Square. <i>Chemistry - A European Journal</i> , 2017, 23, 16497-16504.	1.7	19
30	New Hybrid Light Harvesting Antenna Based on Silicon Nanowires and Metal Dendrimers. <i>Advanced Optical Materials</i> , 2020, 8, 2001070.	3.6	17
31	Understanding the redox properties of dinuclear ruthenium(II) complexes by a joint experimental and theoretical analysis. <i>Dalton Transactions</i> , 2013, 42, 5281.	1.6	16
32	Early photophysical events of a ruthenium(II) molecular dyad capable of performing photochemical water oxidation and of its model compounds. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 2164-2173.	1.6	15
33	A functionalized, ethynyl-decorated, tetracobalt(III) cubane molecular catalyst for photoinduced water oxidation. <i>Dalton Transactions</i> , 2014, 43, 14926-14930.	1.6	14
34	Photophysical properties of an unusual bichromophoric species constructed from a cyclometalated Pt(II) chromophore and a blue Bodipy-acetylacetonate species. <i>Dalton Transactions</i> , 2014, 43, 17647-17658.	1.6	13
35	Photoinduced intercomponent excited-state decays in a molecular dyad made of a dinuclear rhenium(I) chromophore and a fullerene electron acceptor unit. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 909-918.	1.6	11
36	Facile synthesis of boronic acids on a BODIPY core with promising sensitivity towards polyols. <i>RSC Advances</i> , 2014, 4, 43931-43933.	1.7	10

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37	Ru(II)-Dppz Derivatives and Their Interactions with DNA: Thirty Years and Counting. Applied Sciences (Switzerland), 2021, 11, 3038.	1.3	9
38	Self-Assembly of Hexameric Macrocycles from PtII/Ferrocene Dimetallic Subunits - Synthesis, Characterization, Chemical Reactivity, and Oxidation Behavior. European Journal of Inorganic Chemistry, 2015, 2015, 5730-5742.	1.0	8
39	Solvent-control of photoinduced electron transfer via hydrogen bonding in a molecular triad made of a dinuclear chromophore subunit. Chemical Physics Letters, 2017, 683, 96-104.	1.2	7
40	Ru(II) water oxidation catalysts with 2,3-bis(2-pyridyl)pyrazine and tris(pyrazolyl)methane ligands: assembly of photo-active and catalytically active subunits in a dinuclear structure. Dalton Transactions, 2020, 49, 3341-3352.	1.6	7
41	Synthesis and photophysical properties of naphthyl-, phenanthryl-, and pyrenyl-appended bis(pyridyl)triazine ligands and their Zn(II) and Ru(II) complexes. Canadian Journal of Chemistry, 2009, 87, 254-263.	0.6	6
42	Photoinduced Charge Separation in a Donor-Spacer-Acceptor Dyad with an Annulated Perylene Donor and Methylviologen Acceptor. ChemPhysChem, 2015, 16, 3147-3150.	1.0	6
43	Photoinduced Water Oxidation in Chitosan Nanostructures Containing Covalently Linked Ru(II) Chromophores and Encapsulated Iridium Oxide Nanoparticles. Chemistry - A European Journal, 2021, 27, 16904-16911.	1.7	5
44	Multichromophoric hybrid species made of perylene bisimide derivatives and Ru(II) and Os(II) polypyridine subunits. Physical Chemistry Chemical Physics, 2017, 19, 14055-14065.	1.3	4
45	Designing expanded bipyridinium as redox and optical probes for DNA. Photochemical and Photobiological Sciences, 2020, 19, 105-113.	1.6	4
46	Unsymmetrical Dinuclear Ru(II) Complexes with Bridging Polydentate Nitrogen Ligands as Potential Water Oxidation Catalysts. European Journal of Inorganic Chemistry, 2021, 2021, 861-869.	1.0	4
47	Photophysics of transition metal complexes. Photochemistry, 0, , 156-181.	0.2	3
48	Pyrimidyl-substituted anthracene fluorophores: Syntheses, absorption spectra, and photophysical properties. Dyes and Pigments, 2018, 159, 619-636.	2.0	3
49	Photophysics of transition metal complexes. Photochemistry, 2015, , 148-172.	0.2	1
50	Mechanistic Insights into Light-Activated Catalysis for Water Oxidation. European Journal of Inorganic Chemistry, 2019, 2019, 2013-2013.	1.0	0