

Francesco Nastasi

List of Publications by Year in descending order

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50
papers

1,940
citations

304602

22
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377752

34
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55
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docs citations

55
times ranked

2826
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsymmetrical Dinuclear Ru ^{II} Complexes with Bridging Polydentate Nitrogen Ligands as Potential Water Oxidation Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 861-869.	1.0	4
2	Ru(II)-Dppz Derivatives and Their Interactions with DNA: Thirty Years and Counting. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3038.	1.3	9
3	Photoinduced Water Oxidation in Chitosan Nanostructures Containing Covalently Linked Ru ^{II} Chromophores and Encapsulated Iridium Oxide Nanoparticles. <i>Chemistry - A European Journal</i> , 2021, 27, 16904-16911.	1.7	5
4	New Hybrid Light Harvesting Antenna Based on Silicon Nanowires and Metal Dendrimers. <i>Advanced Optical Materials</i> , 2020, 8, 2001070.	3.6	17
5	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. <i>Dalton Transactions</i> , 2020, 49, 3341-3352.	1.6	7
6	Designing expanded bipyridinium as redox and optical probes for DNA. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 105-113.	1.6	4
7	Mechanistic Insights into Light-Activated Catalysis for Water Oxidation. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2027-2039.	1.0	0
8	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
9	Mechanistic Insights into Light-Activated Catalysis for Water Oxidation. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2027-2039.	1.0	20
10	Photo- and Redox-Active Metal Dendrimers: A Journey from Molecular Design to Applications and Self-Aggregated Systems. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3887-3899.	1.0	22
11	Pyrimidyl-substituted anthracene fluorophores: Syntheses, absorption spectra, and photophysical properties. <i>Dyes and Pigments</i> , 2018, 159, 619-636.	2.0	3
12	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
13	Multichromophoric hybrid species made of perylene bisimide derivatives and Ru(^{II}) and Os(^{II}) polypyridine subunits. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 14055-14065.	1.3	4
14	Solvent-control of photoinduced electron transfer via hydrogen bonding in a molecular triad made of a dinuclear chromophore subunit. <i>Chemical Physics Letters</i> , 2017, 683, 96-104.	1.2	7
15	Photoinduced Assembly of a Luminescent Tetraruthenium Square. <i>Chemistry - A European Journal</i> , 2017, 23, 16497-16504.	1.7	19
16	Charge injection into nanostructured TiO ₂ 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
17	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
18	Photoinduced Charge Separation in a Donor-Spacer-Acceptor Dyad with Annulated Perylene Donor and Methylviologen Acceptor. <i>ChemPhysChem</i> , 2015, 16, 3147-3150.	1.0	6

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19	Self-Assembly of Hexameric Macrocycles from PtII/Ferrocene Dimetallic Subunits - Synthesis, Characterization, Chemical Reactivity, and Oxidation Behavior. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5730-5742.	1.0	8
20	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
21	Photophysics of transition metal complexes. <i>Photochemistry</i> , 2015, , 148-172.	0.2	1
22	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
23	A functionalized, ethynyl-decorated, tetracobalt(III) cubane molecular catalyst for photoinduced water oxidation. <i>Dalton Transactions</i> , 2014, 43, 14926-14930.	1.6	14
24	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
25	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
26	Ultrafast Energy Transfer in Triptycene-Grafted Bodipy Scaffoldings. <i>Chemistry - A European Journal</i> , 2013, 19, 8900-8912.	1.7	32
27	Corrole-Porphyrin Conjugates with Interchangeable Metal Centers. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5605-5617.	1.2	22
28	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
29	Molecular logics: a mixed bodipy-bipyridine dye behaving as a concealable molecular switch. <i>New Journal of Chemistry</i> , 2011, 35, 948.	1.4	29
30	Dinuclear Ru(ii) complexes of bis-(dipyrid-2-yl)triazine (bis-dpt) ligands as efficient electron reservoirs. <i>Chemical Communications</i> , 2011, 47, 3586.	2.2	28
31	Ru(II) Multinuclear Metallosupramolecular Rack-Type Architectures of Polytopic Hydrazone-Based Ligands: Synthesis, Structural Features, Absorption Spectra, Redox Behavior, and Near-Infrared Luminescence. <i>Chemistry - A European Journal</i> , 2010, 16, 5645-5660.	1.7	38
32	Synthetic, Structural, and Photophysical Exploration of meso-Pyrimidinyl-Substituted AB ₂ -Corroles. <i>Chemistry - A European Journal</i> , 2010, 16, 5691-5705.	1.7	51
33	Vectorial Photoinduced Energy Transfer Between Boron-Dipyrromethene (Bodipy) Chromophores Across a Fluorene Bridge. <i>Chemistry - A European Journal</i> , 2010, 16, 8832-8845.	1.7	34
34	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. <i>Chemistry - A European Journal</i> , 2010, 16, 11047-11063.	1.7	46
35	Designing Multifunctional Expanded Pyridiniums: Properties of Branched and Fused Head-to-Tail Bipyridiniums. <i>Journal of the American Chemical Society</i> , 2010, 132, 16700-16713.	6.6	65
36	meso-Pyrimidinyl-Substituted A2B- and A3-Corroles. <i>Journal of Organic Chemistry</i> , 2010, 75, 2127-2130.	1.7	33

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37	Hybrid complexes: Pt(ii)-terpyridine linked to various acetylide-bodipy subunits. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 7392.	1.3	34
38	Star-Shaped Multichromophoric Arrays from Bodipy Dyes Grafted on Truxene Core. <i>Journal of the American Chemical Society</i> , 2009, 131, 6108-6110.	6.6	118
39	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
40	Photoinduced water oxidation sensitized by a tetranuclear Ru(ii) dendrimer. <i>Dalton Transactions</i> , 2009, , 9997.	1.6	36
41	Synthesis and photophysical properties of naphthyl-, phenanthryl-, and pyrenyl-appended bis(pyridyl)triazine ligands and their Zn(II) and Ru(II) complexes. <i>Canadian Journal of Chemistry</i> , 2009, 87, 254-263.	0.6	6
42	Luminescent Excited-State Intramolecular Proton Transfer (ESIPT) Dyes Based on 4-Alkyne-Functionalized [2,2'-Bipyridine]-3,3'-diol Dyes. <i>Chemistry - A European Journal</i> , 2008, 14, 4381-4392.	1.7	43
43	Photoinduced intercomponent processes in multichromophoric species made of Pt(ii)-terpyridine-acetylide and dipyrromethene-BF ₂ subunits. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 3982.	1.3	64
44	A luminescent multicomponent species made of fullerene and Ir(iii) cyclometallated subunits. <i>Chemical Communications</i> , 2007, , 3556.	2.2	25
45	Solid-state luminescence switching of platinum(ii) dithioamide complexes in the presence of hydrogen halide and amine gases. <i>Chemical Communications</i> , 2007, , 4740.	2.2	35
46	Ruthenium(II) Complexes with Improved Photophysical Properties Based on Planar 4-(2-Pyrimidinyl)-2,2',6'-terpyridine Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 2854-2863.	1.9	78
47	Molecular Wire Type Behavior of Polycationic Multinuclear Rack-Type Ru ^{II} Complexes of Polytopic Hydrazone-Based Ligands. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6144-6147.	7.2	30
48	Coupling synthetic antenna and electron donor species: A tetranuclear mixed-metal Os(II)-Ru(II) dendrimer containing six phenothiazine donor subunits at the periphery. <i>Coordination Chemistry Reviews</i> , 2007, 251, 536-545.	9.5	50
49	Photochemistry and Photophysics of Coordination Compounds: Ruthenium. , 2007, , 117-214.		703
50	Photophysics of transition metal complexes. <i>Photochemistry</i> , 0, , 156-181.	0.2	3