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List of Publications by Year
in descending order

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39	1,416	304602	315616
papers	citations	22 h-index	38 g-index

39	39	39	1703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photoinduced Intramolecular Electron Transfer in Ruthenium and Osmium Polyads:Â Insights from Theory. Journal of the American Chemical Society, 2004, 126, 10763-10777.	6.6	210
2	Conformationally gated photoinduced processes within photosensitizerâ€“acceptor dyads based on ruthenium(II) and osmium(II) polypyridyl complexes with an appended pyridinium group. Coordination Chemistry Reviews, 2008, 252, 2552-2571.	9.5	104
3	Modeling Dye-Sensitized Solar Cells: From Theory to Experiment. Journal of Physical Chemistry Letters, 2013, 4, 1044-1050.	2.1	104
4	Theoretical Procedure for Optimizing Dye-Sensitized Solar Cells: From Electronic Structure to Photovoltaic Efficiency. Journal of the American Chemical Society, 2011, 133, 8005-8013.	6.6	85
5	Conformationally Gated Photoinduced Processes within PhotosensitizerAcceptor Dyads Based on Osmium(II) Complexes with Triarylpyridinio-Functionalized Terpyridyl Ligands:Â Insights from Experimental Study. Journal of the American Chemical Society, 2006, 128, 7510-7521.	6.6	77
6	Challenging the [Ru(bpy)₃]²⁺ Photosensitizer with a Triazatriangulenium Robust Organic Dye for Visible-Light-Driven Hydrogen Production in Water. ACS Catalysis, 2018, 8, 3792-3802.	5.5	77
7	Improving Visible Light Sensitization of Luminescent Europium Complexes. Journal of Fluorescence, 2008, 18, 119-129.	1.3	69
8	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
9	Expanded Pyridiniums: Bisâ€cyclization of Branched Pyridiniums into Their Fused Polycyclic and Positively Charged Derivativesâ€”Assessing the Impact of Pericondensation on Structural, Electrochemical, Electronic, and Photophysical Features. Chemistry - A European Journal, 2010, 16, 11047-11063.	1.7	46
10	Intramolecular Spin Alignment in Photomagnetic Molecular Devices: A Theoretical Study. Chemistry - A European Journal, 2007, 13, 5360-5377.	1.7	44
11	Photoinduced Processes within Compact Dyads Based on Triphenylpyridinium-Functionalized Bipyridyl Complexes of Ruthenium(II). Chemistry - A European Journal, 2005, 11, 3711-3727.	1.7	43
12	Photoinduced electron transfer in donorâ€“bridgeâ€“acceptor assemblies: The case of Os(II)-bis(terpyridine)-(bi)pyridinium dyads. Coordination Chemistry Reviews, 2015, 304-305, 109-116.	9.5	39
13	A new versatile class of hetero-tetra-metallic assemblies: highlighting single-molecule magnet behaviour. Chemical Communications, 2013, 49, 9476.	2.2	36
14	Conformationally Gated Photoinduced Processes within Photosensitizerâ^'Acceptor Dyads Based on Osmium(II) Complexes with Triarylpyridinio-Functionalized Terpyridyl Ligands:Â Insights from Theoretical Analysis. Inorganic Chemistry, 2006, 45, 5538-5551.	1.9	32
15	Photochemically driven intercalation of small molecules into DNA by in situ irradiation. Chemical Communications, 2010, 46, 5169.	2.2	30
16	Single-Step versus Stepwise Two-Electron Reduction of Polyarylpyridiniums: Insights from the Steric Switching of Redox Potential Compression. Journal of the American Chemical Society, 2012, 134, 2691-2705.	6.6	30
17	Kinetics of Multielectron Transfers and Redox-Induced Structural Changes in N-Aryl-Expanded Pyridiniums: Establishing Their Unusual, Versatile Electrophoric Activity. Journal of the American Chemical Society, 2015, 137, 11349-11364.	6.6	29
18	Reaching Optimal Lightâ€induced Intramolecular Spin Alignment within Photomagnetic Molecular Device Prototypes. Chemistry - A European Journal, 2008, 14, 11385-11405.	1.7	28

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19	Theoretical Insights into Branched and Fused Expanded Pyridiniums by the Means of Density Functional Theory. Journal of Physical Chemistry A, 2010, 114, 8434-8443.	1.1	27
20	Molecular Dyads of Ruthenium(II)â€“ or Osmium(II)â€“Bis(terpyridine) Chromophores and Expanded Pyridinium Acceptors: Equilibration between MLCT and Charge-Separated Excited States. Inorganic Chemistry, 2013, 52, 11944-11955.	1.9	26
21	Photoinduced Electron Transfer in Os(terpyridine)-biphenylene-(bi)pyridinium Assemblies. Inorganic Chemistry, 2012, 51, 5342-5352.	1.9	25
22	Environmental effects on electronic absorption spectra using DFT: An organic and positively charged fused polycyclic chromophore as a case study. Computational and Theoretical Chemistry, 2009, 914, 94-99.	1.5	24
23	Spectral properties of bipyridyl ligands by time-dependent density functional theory. Chemical Physics Letters, 2006, 417, 445-451.	1.2	22
24	Intramolecular Spin Alignment within Monoâ€Oxidized and Photoexcited Anthraceneâ€Based Ï€ Radicals as Prototypical Photomagnetic Molecular Devices: Relationships Between Electrochemical, Photophysical, and Photochemical Control Pathways. Chemistry - A European Journal, 2009, 15, 11210-11220.	1.7	20
25	Photoinduced Intercomponent Processes in Selectively Addressable Bichromophoric Dyads Made of Linearly Arranged Ru(II) Terpyridine and Expanded Pyridinium Components. Inorganic Chemistry, 2019, 58, 5807-5817.	1.9	20
26	Tictoid Expanded Pyridiniums: Assessing Structural, Electrochemical, Electronic, and Photophysical Features. Journal of Physical Chemistry A, 2012, 116, 7880-7891.	1.1	17
27	Electron Storage System Based on a Two-Way Inversion of Redox Potentials. Journal of the American Chemical Society, 2020, 142, 5162-5176.	6.6	17
28	Theoretical modelling of photoactive molecular systems: insights using the Density Functional Theory. Comptes Rendus Chimie, 2006, 9, 226-239.	0.2	15
29	Quantifying electron delocalization in orthogonal channels: Theoretical investigation of Ïƒ and Ï€ aromaticity in [C6I6]2+ and [C6Cl6]2+. Chemical Physics Letters, 2007, 435, 171-175.	1.2	14
30	Correlation of electrochemical properties of expanded pyridinium compounds with their single molecule conductance. Electrochimica Acta, 2018, 264, 301-311.	2.6	12
31	Environmental Control of Singleâ€Molecule Junction Evolution and Conductance: A Case Study of Expanded Pyridinium Wiring. Angewandte Chemie - International Edition, 2021, 60, 4732-4739.	7.2	8
32	Triangulenium dyes: the comprehensive photo-absorption and emission story of a versatile family of chromophores. Physical Chemistry Chemical Physics, 2020, 22, 20673-20684.	1.3	5
33	Designing expanded bipyridinium as redox and optical probes for DNA. Photochemical and Photobiological Sciences, 2020, 19, 105-113.	1.6	4
34	Pyrimidyl-substituted anthracene fluorophores: Syntheses, absorption spectra, and photophysical properties. Dyes and Pigments, 2018, 159, 619-636.	2.0	3
35	On the Supraâ€LUMO Interaction: Case Study of a Sudden Change of Electronic Structure as a Functional Emergence. Chemistry - A European Journal, 2021, 27, 17889-17899.	1.7	3
36	Adsorption of Expanded Pyridinium Molecules at the Electrified Interface and Its Effect on the Electron-Transfer Process. Langmuir, 2018, 34, 6405-6412.	1.6	2

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37	Environmental Control of Singleâ€Molecule Junction Evolution and Conductance: A Case Study of Expanded Pyridinium Wiring. Angewandte Chemie, 2021, 133, 4782-4789.	1.6	2
38	Ruthenium(II) complexes with new large-surface ligands based on electron-accepting expanded pyridiniums: insights from density functional theory. Theoretical Chemistry Accounts, 2012, 131, 1.	0.5	1
39	Recent advances in electrochemistry of pyridinium-based electrophores: A structronic approach. Current Opinion in Electrochemistry, 2022, 34, 100996.	2.5	1