

Andreas Winter

List of Publications by Year in descending order

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68
papers

3,042
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218677

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Metallo-Supramolecular Complexation Behavior of Terpyridine- and Ferrocene-Based Polymers in Solution – A Molecular Hydrodynamics Perspective. <i>Polymers</i> , 2022, 14, 944.	4.5	2
2	Two-Dimensional Photosensitizer Nanosheets via Low-Energy Electron Beam Induced Cross-Linking of Self-Assembled Ru(II) Polypyridine Monolayers. <i>Angewandte Chemie - International Edition</i> , 2022, , .	13.8	1
3	Hydrodynamic Characteristics and Conformational Parameters of Ferrocene-Terpyridine-Based Polymers. <i>Polymers</i> , 2022, 14, 1776.	4.5	3
4	Frontispiz: Two-Dimensional Photosensitizer Nanosheets via Low-Energy Electron Beam Induced Cross-Linking of Self-Assembled Ru(II) Polypyridine Monolayers. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0
5	Frontispiece: Two-Dimensional Photosensitizer Nanosheets via Low-Energy Electron Beam Induced Cross-Linking of Self-Assembled Ru(II) Polypyridine Monolayers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	0
6	Noble Metal Complexes of a Bis-Caffeine Containing NHC Ligand. <i>Molecules</i> , 2022, 27, 4316.	3.8	4
7	Excitation Energy-Dependent Branching Dynamics Determines Photostability of Iron(II)-Mesoionic Carbene Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 9157-9173.	4.0	15
8	Photoactive ultrathin molecular nanosheets with reversible lanthanide binding terpyridine centers. <i>Nanoscale</i> , 2021, 13, 20583-20591.	5.6	3
9	Solution-Based Self-Assembly and Stability of Ruthenium(II) Tris-bipyridyl Monolayers on Gold. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 60544-60552.	8.0	3
10	Collision cross-section analysis of self-assembled metallomacrocyclic isomers and isobars via ion mobility mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8717.	1.5	9
11	Is electron ping-pong limiting the catalytic hydrogen evolution activity in covalent photosensitizer-polyoxometalate dyads?. <i>Chemical Communications</i> , 2020, 56, 10485-10488.	4.1	12
12	Proton and Li-Ion Permeation through Graphene with Eight-Atom-Ring Defects. <i>ACS Nano</i> , 2020, 14, 7280-7286.	14.6	55
13	Dithiafulvenyl-equipped Ru(II) bis-terpyridine complexes – Synthesis, photophysical and electrochemical properties. <i>Inorganica Chimica Acta</i> , 2020, 510, 119747.	2.4	2
14	Optically Triggered Control of the Charge Carrier Density in Chemically Functionalized Graphene Field Effect Transistors. <i>Chemistry - A European Journal</i> , 2020, 26, 6473-6478.	3.3	10
15	Organic linkage controls the photophysical properties of covalent photosensitizer-polyoxometalate hydrogen evolution dyads. <i>Sustainable Energy and Fuels</i> , 2020, 4, 4688-4693.	4.9	5
16	Smart Molecular Nanosheets for Advanced Preparation of Biological Samples in Electron Cryo-Microscopy. <i>ACS Nano</i> , 2020, 14, 9972-9978.	14.6	14
17	Electrochemical delamination assisted transfer of molecular nanosheets. <i>Nanoscale</i> , 2020, 12, 8656-8663.	5.6	11
18	Metal-Terpyridine Complexes in Catalytic Application – A Spotlight on the Last Decade. <i>ChemCatChem</i> , 2020, 12, 2890-2941.	3.7	56

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19	The supramolecular assemblies based on heteroatom-containing triangulenes. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2308-2325.	5.9	13
20	Freestanding carbon nanomembranes and graphene monolayers nanopatterned via EUV interference lithography. <i>2D Materials</i> , 2019, 6, 021002.	4.4	23
21	Remote control of electronic coupling – modification of excited-state electron-transfer rates in Ru(tpy) ₂ -based donor–acceptor systems by remote ligand design. <i>Chemical Communications</i> , 2019, 55, 2273-2276.	4.1	6
22	Polymer Brushes: Polymer Brushes on Hexagonal Boron Nitride (Small 19/2019). <i>Small</i> , 2019, 15, 1970099.	10.0	2
23	Polymer Brushes on Hexagonal Boron Nitride. <i>Small</i> , 2019, 15, 1805228.	10.0	18
24	Superexchange in the fast lane – intramolecular electron transfer in a molecular triad occurs by conformationally gated superexchange. <i>Chemical Communications</i> , 2019, 55, 5251-5254.	4.1	3
25	Towards Covalent Photosensitizer-Polyoxometalate Dyads-Bipyridyl-Functionalized Polyoxometalates and Their Transition Metal Complexes. <i>Molecules</i> , 2019, 24, 4446.	3.8	4
26	Hydrogel-Embedded Model Photocatalytic System Investigated by Raman and IR Spectroscopy Assisted by Density Functional Theory Calculations and Two-Dimensional Correlation Analysis. <i>Journal of Physical Chemistry A</i> , 2018, 122, 2677-2687.	2.5	7
27	Direct detection of the photoinduced charge-separated state in a Ru(bis(terpyridine))–polyoxometalate molecular dyad. <i>Chemical Communications</i> , 2018, 54, 2970-2973.	4.1	21
28	Pt(II) Phosphors with Click-Derived 1,2,3-Triazole-Containing Tridentate Chelates. <i>Organometallics</i> , 2018, 37, 145-155.	2.3	31
29	Coexistence of distinct intramolecular electron transfer pathways in polyoxometalate based molecular triads. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11740-11748.	2.8	8
30	Soluble Pt(II)-Containing Polymers Based on a 2,6-Bis(1-H-1,2,3-triazol-4-yl)-4-ethynylpyridine Ligand. <i>ACS Macro Letters</i> , 2017, 6, 181-184.	4.8	15
31	Energy versus Electron Transfer: Controlling the Excitation Transfer in Molecular Triads. <i>Chemistry - A European Journal</i> , 2017, 23, 4917-4922.	3.3	20
32	Increased Charge Separation Rates with Increasing Donor–Acceptor Distance in Molecular Triads: The Effect of Solvent Polarity. <i>Journal of Physical Chemistry C</i> , 2017, 121, 9220-9229.	3.1	17
33	Molecular Dyads and Triads Based on Phenothiazine and –Extended Tetrathiafulvalene Donors, Bis(terpyridine)ruthenium(II) Complexes, and Polyoxometalates. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3698-3706.	2.0	16
34	Synthesis and characterization of metallo-supramolecular polymers. <i>Chemical Society Reviews</i> , 2016, 45, 5311-5357.	38.1	332
35	Efficient Energy Transfer and Metal Coupling in Cyanide-Bridged Heterodinuclear Complexes Based on (Bipyridine)(terpyridine)ruthenium(II) and (Phenylpyridine)iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 5152-5167.	4.0	18
36	Dyads and Triads Based on Phenothiazine, Bis(terpyridine)ruthenium(II) Complexes, and Fullerene. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5132-5142.	2.0	8

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37	Energy transfer and formation of long-lived 3MLCT states in multimetallic complexes with extended highly conjugated bis-terpyridyl ligands. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 2350-2360.	2.8	26
38	New Ruthenium Bis(terpyridine) Methanofullerene and Pyrrolidinofullerene Complexes: Synthesis and Electrochemical and Photophysical Properties. <i>Inorganic Chemistry</i> , 2015, 54, 3159-3171.	4.0	25
39	An atomically thin matter-wave beamsplitter. <i>Nature Nanotechnology</i> , 2015, 10, 845-848.	31.5	41
40	Survey of Plasmonic Nanoparticles: From Synthesis to Application. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 721-744.	2.3	40
41	All- π -Carbon Vertical van der Waals Heterostructures: Non-destructive Functionalization of Graphene for Electronic Applications. <i>Advanced Materials</i> , 2014, 26, 4831-4837.	21.0	51
42	Light-harvesting of polymerizable 4-hydroxy-1,3-thiazole monomers by energy transfer toward photoactive Os(II) metal complexes in linear polymers. <i>Polymer Chemistry</i> , 2014, 5, 2715-2724.	3.9	22
43	Amphiphilic supramolecular A(B) ₂ A quasi-triblock copolymers. <i>Polymer Chemistry</i> , 2013, 4, 3177.	3.9	10
44	Photogenerated avenues in macromolecules containing Re(i), Ru(ii), Os(ii), and Ir(iii) metal complexes of pyridine-based ligands. <i>Chemical Society Reviews</i> , 2012, 41, 2222-2255.	38.1	211
45	Terpyridines and their Complexes with First Row Transition Metal Ions: Cytotoxicity, Nuclease Activity and Self-Assembly of Biomacromolecules. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 158-175.	2.1	58
46	Induced Charge Effect by Co(II) Complexation on the Conformation of a Copolymer Containing a Bidentate (1,2,3-Triazol-4-yl)pyridine Chelating Unit. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1339-1348.	2.2	11
47	Light-Induced Dynamics in Conjugated Bis(terpyridine) Ligands – A Case Study Toward Photoactive Coordination Polymers. <i>Macromolecular Rapid Communications</i> , 2012, 33, 481-497.	3.9	29
48	The molecular mechanism of dual emission in terpyridine transition metal complexes – ultrafast investigations of photoinduced dynamics. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 1606-1617.	2.8	59
49	Direct Observation of Temperature-Dependent Excited-State Equilibrium in Dinuclear Ruthenium Terpyridine Complexes Bearing Electron-Poor Bridging Ligands. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12677-12688.	3.1	27
50	Catalytic Applications of Terpyridines and their Transition Metal Complexes. <i>ChemCatChem</i> , 2011, 3, 1384-1406.	3.7	131
51	A Heteroleptic Bis(tridentate) Ruthenium(II) Complex of a Click-Derived Abnormal Carbene Pincer Ligand with Potential for Photosensitizer Application. <i>Chemistry - A European Journal</i> , 2011, 17, 5494-5498.	3.3	117
52	π -Conjugated 2,2',6',6'-Bis(terpyridines): Systematical Tuning of the Optical Properties by Variation of the Linkage between the Terpyridines and the π -Conjugated System. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1859-1868.	2.4	34
53	π -Conjugated Donor and Donor-Acceptor Metallopolymers. <i>Macromolecular Rapid Communications</i> , 2010, 31, 868-874.	3.9	40
54	A Concept to Tailor Electron Delocalization: Applying QTAIM Analysis to Phenyl-Terpyridine Compounds. <i>Journal of Physical Chemistry A</i> , 2010, 114, 13163-13174.	2.5	37

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55	Unexpected metal-mediated oxidation of hydroxymethyl groups to coordinated carboxylate groups by bis-cyclometalated iridium(III) centers. <i>New Journal of Chemistry</i> , 2010, 34, 2622.	2.8	16
56	Recent Developments in the Application of Phosphorescent Iridium(III) Complex Systems. <i>Advanced Materials</i> , 2009, 21, 4418-4441.	21.0	693
57	Synthesis, Characterization, and Electro-Optical Properties of Zn(II) Complexes with π -Conjugated Terpyridine Ligands. <i>ChemPhysChem</i> , 2009, 10, 787-798.	2.1	49
58	Spectroscopic Investigation of the Ultrafast Photoinduced Dynamics in π -Conjugated Terpyridines. <i>ChemPhysChem</i> , 2009, 10, 910-919.	2.1	68
59	Synthesis of Rigid π -Conjugated Mono-, Bis-, Tris-, and Tetrakis(terpyridine)s: Influence of the Degree and Pattern of Substitution on the Photophysical Properties. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 801-809.	2.4	64
60	Self-assembly of π -conjugated bis(terpyridine) ligands with zinc(II) ions: New metallosupramolecular materials for optoelectronic applications. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4083-4098.	2.3	80
61	Self-organization of rod-coil tri- and tetra-arm star metallo-supramolecular block copolymers in selective solvents. <i>Soft Matter</i> , 2009, 5, 2954.	2.7	28
62	Poly(dimethylsiloxane)-substituted 2,2':6,2''-terpyridines: Synthesis and Characterization of New Amphiphilic Supramolecular Diblock Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1666-1672.	2.2	19
63	Advancing the Solid State Properties of Metallo-supramolecular Materials: Poly(μ -caprolactone) Modified π -Conjugated Bis(terpyridine)s and their Zn(II) Based Metallo-polymers. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1679-1686.	3.9	37
64	Copolymers Containing Phosphorescent Iridium(III) Complexes Obtained by Free and Controlled Radical Polymerization Techniques. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1919-1925.	3.9	18
65	Rigid π -Conjugated Mono-, Bis-, and Tris(2,2':6,2''-terpyridines). <i>Organic Letters</i> , 2007, 9, 2345-2348.	4.6	74
66	New Polyester-Based Terpyridine Macroligands and their Blue Iron(II) Complexes. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1956-1964.	2.2	20
67	Two-Dimensional Photosensitizer Nanosheets via Low-Energy Electron Beam Induced Cross-Linking of Self-Assembled Ru(II) Polypyridine Monolayers. <i>Angewandte Chemie</i> , 0, , .	2.0	1
68	Comparing Microwave and Classical Synthesis of Oxymethylene Dimethyl Ethers. <i>Macromolecular Chemistry and Physics</i> , 0, , 2200020.	2.2	2