Benjamin Dietzek

List of Publications by Year
in descending order

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320	9,522	41344	69250
papers	citations	49 h-index	77 g-index

332	332	332	9057
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A photosensitizerâ€“polyoxometalate dyad that enables the decoupling of light and dark reactions for delayed on-demand solar hydrogen production. Nature Chemistry, 2022, 14, 321-327.	13.6	66
2	A Highly Fluorescent Dinuclear Aluminium Complex with Nearâ€Unity Quantum Yield**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	10
3	Active repair of a dinuclear photocatalyst for visible-light-driven hydrogen production. Nature Chemistry, 2022, 14, 500-506.	13.6	32
4	Not that innocent â€“ ammonium ions boost homogeneous light-driven hydrogen evolution. Chemical Communications, 2022, 58, 4603-4606.	4.1	4
5	Tripletâ€“Triplet Annihilation Upconversion by Polymeric Sensitizers. Journal of Physical Chemistry C, 2022, 126, 4057-4066.	3.1	8
6	Interaction with a Biomolecule Facilitates the Formation of the Function-Determining Long-Lived Triplet State in a Ruthenium Complex for Photodynamic Therapy. Journal of Physical Chemistry A, 2022, 126, 1336-1344.	2.5	6
7	Activating a [FeFe] Hydrogenase Mimic for Hydrogen Evolution under Visible Light**. Angewandte Chemie - International Edition, 2022, , .	13.8	6
8	A Combined Spectroscopic and Theoretical Study on a Ruthenium Complex Featuring a Ï€â€Extended dppz Ligand for Lightâ€Driven Accumulation of Multiple Reducing Equivalents. Chemistry - A European Journal, 2022, 28, e202103882.	3.3	5
9	Unravelling the Mystery: Enlightenment of the Uncommon Electrochemistry of Naphthalene Monoimide [FeFe] Hydrogenase Mimics. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	6
10	Twoâ€Dimensional Photosensitizer Nanosheets via Lowâ€Energy Electron Beam Induced Crossâ€Linking of Selfâ€Assembled Ru(II) Polypyridine Monolayers. Angewandte Chemie - International Edition, 2022, , .	13.8	1
11	Influence of the Linker Chemistry on the Photoinduced Chargeâ€Transfer Dynamics of Heteroâ€dinuclear Photocatalysts. Chemistry - A European Journal, 2022, 28, .	3.3	6
12	Frontispiz: Aktivierung eines biomimetischen [FeFe]â€Hydrogenaseâ€Komplexes fÃ¼r die H₂â€Produktion mit sichtbarem Licht. Angewandte Chemie, 2022, 134, .	2.0	0
13	Outpacing conventional nicotinamide hydrogenation catalysis by a strongly communicating heterodinuclear photocatalyst. Nature Communications, 2022, 13, 2538.	12.8	21
14	Frontispiece: Activating a [FeFe] Hydrogenase Mimic for Hydrogen Evolution under Visible Light. Angewandte Chemie - International Edition, 2022, 61, .	13.8	0
15	Silicon Nanowires Decorated with Silver Nanoparticles for Photoassisted Hydrogen Generation. ACS Applied Energy Materials, 2022, 5, 7466-7472.	5.1	3
16	Link to glow - iEDDA conjugation of a Ruthenium(II) tetrazine complex leading to dihydropyrazine and pyrazine complexes with improved 1O2 formation ability. Journal of Photochemistry and Photobiology, 2022, 11, 100130.	2.5	3
17	N-Methyl deuterated rhodamines for protein labelling in sensitive fluorescence microscopy. Chemical Science, 2022, 13, 8605-8617.	7.4	16
18	Quinoline Photobasicity: Investigation within Waterâ€Soluble Lightâ€Responsive Copolymers. Chemistry - A European Journal, 2021, 27, 1072-1079.	3.3	8

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19	1,7,9,10â€Tetrasubstituted PMIs Accessible through Decarboxylative Bromination: Synthesis, Characterization, Photophysical Studies, and Hydrogen Evolution Catalysis. Chemistry - A European Journal, 2021, 27, 4081-4088.	3.3	16
20	New approaches in component design for dye-sensitized solar cells. Sustainable Energy and Fuels, 2021, 5, 367-383.	4.9	32
21	Photophysics of Ruthenium(II) Complexes with Thiazole Ï€-Extended Dipyridophenazine Ligands. Inorganic Chemistry, 2021, 60, 760-773.	4.0	16
22	Silicon-rhodamine isothiocyanate for fluorescent labelling. Organic and Biomolecular Chemistry, 2021, 19, 574-578.	2.8	4
23	Monitoring excited-state relaxation in a molecular marker in live cellsâ€“a case study on astaxanthin. Chemical Communications, 2021, 57, 6392-6395.	4.1	6
24	It Takes Three to Tango: The Length of the Oligothiophene Chain Determines the Nature of the Longâ€Lived Excited State and the Resulting Photocytotoxicity of a Ruthenium(II) Photodrug. ChemPhotoChem, 2021, 5, 421-425.	3.0	12
25	Ultrafast anisotropic exciton dynamics in a water-soluble ionic carbon nitride photocatalyst. Chemical Communications, 2021, 57, 10739-10742.	4.1	1
26	Photocathodes beyond NiO: charge transfer dynamics in a Ï€-conjugated polymer functionalized with Ru photosensitizers. Scientific Reports, 2021, 11, 2787.	3.3	7
27	Photodriven Charge Accumulation and Carrier Dynamics in a Waterâ€Soluble Carbon Nitride Photocatalyst. ChemSusChem, 2021, 14, 1728-1736.	6.8	21
28	Spectroscopic Investigations Provide a Rationale for the Hydrogen-Evolving Activity of Dye-Sensitized Photocathodes Based on a Cobalt Tetraazamacrocyclic Catalyst. ACS Catalysis, 2021, 11, 3662-3678.	11.2	19
29	Kinetic-Model-Free Analysis of Transient Absorption Spectra Enabled by 2D Correlation Analysis. Journal of Physical Chemistry Letters, 2021, 12, 4148-4153.	4.6	4
30	Localizing the initial excitation â€“ A case study on NiO photocathodes using Ruthenium dipyridophenazine complexes as sensitizers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 252, 119507.	3.9	1
31	Excitation Energy-Dependent Branching Dynamics Determines Photostability of Iron(II)â€“Mesoionic Carbene Complexes. Inorganic Chemistry, 2021, 60, 9157-9173.	4.0	15
32	Influence of the Protonation State on the Excited-State Dynamics of Ruthenium(II) Complexes with Imidazole Ï€-Extended Dipyridophenazine Ligands. Journal of Physical Chemistry A, 2021, 125, 5911-5921.	2.5	8
33	String-Attached Oligothiophene Substituents Determine the Fate of Excited States in Ruthenium Complexes for Photodynamic Therapy. Journal of Physical Chemistry A, 2021, 125, 6985-6994.	2.5	9
34	Photodoping and Fast Charge Extraction in Ionic Carbon Nitride Photoanodes. Advanced Functional Materials, 2021, 31, 2105369.	14.9	25
35	A Study in Red: The Overlooked Role of Azoâ€Moieties in Polymeric Carbon Nitride Photocatalysts with Strongly Extended Optical Absorption. Chemistry - A European Journal, 2021, 27, 17188-17202.	3.3	4
36	Covalent Linkage of BODIPYâ€Photosensitizers to Andersonâ€Type Polyoxometalates Using CLICK Chemistry. Chemistry - A European Journal, 2021, 27, 17181-17187.	3.3	13

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37	Switching the Mechanism of NADH Photooxidation by Supramolecular Interactions. Chemistry - A European Journal, 2021, 27, 16840-16845.	3.3	11
38	Supramolecular Reorientation During Deposition Onto Metal Surfaces of Quasi-Two-Dimensional Langmuir Monolayers Composed of Bifunctional Amphiphilic, Twisted Perylenes. Langmuir, 2021, 37, 11018-11026.	3.5	8
39	Red-light sensitized hole-conducting polymer for energy conversion. Physical Chemistry Chemical Physics, 2021, 23, 18026-18034.	2.8	1
40	In situ photothermal deflection spectroscopy revealing intermolecular interactions upon self-assembly of dye monolayers. Analyst, The, 2021, 146, 5033-5036.	3.5	6
41	Hydrogen Production at a NiO Photocathode Based on a Ruthenium Dyeâ€“Cobalt Diimine Dioxime Catalyst Assembly: Insights from Advanced Spectroscopy and Post-operando Characterization. ACS Applied Materials & Interfaces, 2021, 13, 49802-49815.	8.0	16
42	A Molecular Photosensitizer in a Porous Block Copolymer Matrixâ€Implications for the Design of Photocatalytically Active Membranes. Chemistry - A European Journal, 2021, 27, 17049-17058.	3.3	6
43	Modulating the Excited-State Decay Pathways of Cu(I) 4H-Imidazolate Complexes by Excitation Wavelength and Ligand Backbone. Journal of Physical Chemistry B, 2021, 125, 11498-11511.	2.6	5
44	Multifunctional Polyoxometalate Platforms for Supramolecular Lightâ€Driven Hydrogen Evolution**. Chemistry - A European Journal, 2021, 27, 16846-16852.	3.3	6
45	A Dinuclear Osmium(II) Complex Near-Infrared Nanoscopy Probe for Nuclear DNA. Journal of the American Chemical Society, 2021, 143, 20442-20453.	13.7	17
46	The electron that breaks the catalyst's back â€“ excited state dynamics in intermediates of molecular photocatalysts. Physical Chemistry Chemical Physics, 2021, 23, 27397-27403.	2.8	4
47	Photoactive ultrathin molecular nanosheets with reversible lanthanide binding terpyridine centers. Nanoscale, 2021, 13, 20583-20591.	5.6	3
48	Waterâ€Soluble Polymeric Carbon Nitride Colloidal Nanoparticles for Highly Selective Quasiâ€Homogeneous Photocatalysis. Angewandte Chemie, 2020, 132, 495-503.	2.0	15
49	Waterâ€Soluble Polymeric Carbon Nitride Colloidal Nanoparticles for Highly Selective Quasiâ€Homogeneous Photocatalysis. Angewandte Chemie - International Edition, 2020, 59, 487-495.	13.8	107
50	Polymeric carbon nitride coupled with a molecular thiomolybdate catalyst: exciton and charge dynamics in light-driven hydrogen evolution. Sustainable Energy and Fuels, 2020, 4, 6085-6095.	4.9	20
51	Investigating Light-Induced Processes in Covalent Dye-Catalyst Assemblies for Hydrogen Production. Catalysts, 2020, 10, 1340.	3.5	8
52	Probing the dyeâ€“semiconductor interface in dye-sensitized NiO solar cells. Journal of Chemical Physics, 2020, 153, 184704.	3.0	16
53	Intracellular Photophysics of an Osmium Complex bearing an Oligothiophene Extended Ligand. Chemistry - A European Journal, 2020, 26, 14844-14851.	3.3	10
54	Role of MLCT States in the Franckâ€“Condon Region of Neutral, Heteroleptic Cu(I)â€“4H-imidazolate Complexes: A Spectroscopic and Theoretical Study. Journal of Physical Chemistry A, 2020, 124, 6607-6616.	2.5	13

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55	Is electron ping-pong limiting the catalytic hydrogen evolution activity in covalent photosensitizerâ€“polyoxometalate dyads?. Chemical Communications, 2020, 56, 10485-10488.	4.1	12
56	Molecular Scylla and Charybdis: Maneuvering between pH Sensitivity and Excited-State Localization in Ruthenium Bi(benz)imidazole Complexes. Inorganic Chemistry, 2020, 59, 12097-12110.	4.0	19
57	Photoinduced Charge Accumulation and Prolonged Multielectron Storage for the Separation of Light and Dark Reaction. Journal of the American Chemical Society, 2020, 142, 15722-15728.	13.7	40
58	Structure of Diethylâ€Phosphonic Acid Anchoring Group Affects the Chargeâ€Separated State on an Iridium(III) Complex Functionalized NiO Surface. ChemPhotoChem, 2020, 4, 618-629.	3.0	8
59	Organic linkage controls the photophysical properties of covalent photosensitizerâ€“polyoxometalate hydrogen evolution dyads. Sustainable Energy and Fuels, 2020, 4, 4688-4693.	4.9	5
60	Yieldâ€”not only Lifetimeâ€”of the Photoinduced Chargeâ€Separated State in Iridium Complexâ€“Polyoxometalate Dyads Impact Their Hydrogen Evolution Reactivity. Chemistry - A European Journal, 2020, 26, 8045-8052.	3.3	20
61	Fluorescence upconversion by tripletâ€“triplet annihilation in all-organic poly(methacrylate)-terpolymers. Physical Chemistry Chemical Physics, 2020, 22, 4072-4079.	2.8	19
62	Unraveling the Lightâ€Activated Reaction Mechanism in a Catalytically Competent Key Intermediate of a Multifunctional Molecular Catalyst for Artificial Photosynthesis. Angewandte Chemie - International Edition, 2019, 58, 13140-13148.	13.8	34
63	Unraveling the Lightâ€Activated Reaction Mechanism in a Catalytically Competent Key Intermediate of a Multifunctional Molecular Catalyst for Artificial Photosynthesis. Angewandte Chemie, 2019, 131, 13274-13282.	2.0	9
64	Assembly of T-Shaped Amphiphilic Thiazoles on the Airâ€“Water Interface: Impact of Polar Chromophore Moieties, as Well as Dipolarity and Ï€-Extension of the Chromophore on the Supramolecular Structure. Langmuir, 2019, 35, 2587-2600.	3.5	11
65	Remote control of electronic coupling â€“ modification of excited-state electron-transfer rates in Ru(tpy)₂-based donorâ€“acceptor systems by remote ligand design. Chemical Communications, 2019, 55, 2273-2276.	4.1	6
66	Arylic versus Alkylicâ€”Hydrophobic Linkers Determine the Supramolecular Structure and Optoelectronic Properties of Tripodal Amphiphilic Pushâ€“Pull Thiazoles. Langmuir, 2019, 35, 2561-2570.	3.5	17
67	Investigating Light-Driven Hole Injection and Hydrogen Evolution Catalysis at Dye-Sensitized NiO Photocathodes: A Combined Experimentalâ€“Theoretical Study. Journal of Physical Chemistry C, 2019, 123, 17176-17184.	3.1	18
68	Enhancing the supramolecular stability of monolayers by combining dipolar with amphiphilic motifs: a case of amphiphilic pushâ€“pull-thiazole. Physical Chemistry Chemical Physics, 2019, 21, 13241-13247.	2.8	7
69	Excited-state dynamics of heteroleptic copper(i) photosensitizers and their electrochemically reduced forms containing a dipyridophenazine moiety â€“ a spectroelectrochemical transient absorption study. Physical Chemistry Chemical Physics, 2019, 21, 10716-10725.	2.8	18
70	Autonomous Supramolecular Interface Selfâ€Healing Monitored by Restoration of UV/Vis Absorption Spectra of Selfâ€Assembled Thiazole Layers. Chemistry - A European Journal, 2019, 25, 8630-8634.	3.3	10
71	Functional materials: making the world go round. Physical Chemistry Chemical Physics, 2019, 21, 8988-8991.	2.8	4
72	Superexchange in the fast lane â€“ intramolecular electron transfer in a molecular triad occurs by conformationally gated superexchange. Chemical Communications, 2019, 55, 5251-5254.	4.1	3

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73	Predictive Strength of Photophysical Measurements for in Vitro Photobiological Activity in a Series of Ru(II) Polypyridyl Complexes Derived from Ï€-Extended Ligands. Inorganic Chemistry, 2019, 58, 3156-3166.	4.0	29
74	Selfâ€Assembled Graphene/MWCNT Bilayers as Platinumâ€Free Counter Electrode in Dyeâ€Sensitized Solar Cells. ChemPhysChem, 2019, 20, 3336-3345.	2.1	25
75	Structure of Ni(OH)2 intermediates determines the efficiency of NiO-based photocathodes â€“ a case study using novel mesoporous NiO nanostars. RSC Advances, 2019, 9, 39422-39433.	3.6	3
76	Photophysics of a Bisâ€Furanâ€Functionalized 4,7â€bis(Phenylethynyl)â€2,1,3â€benzothiadiazole: A Building Block for Dynamic Polymers. ChemPhotoChem, 2019, 3, 54-60.	3.0	2
77	Resonance Raman Spectro-Electrochemistry to Illuminate Photo-Induced Molecular Reaction Pathways. Molecules, 2019, 24, 245.	3.8	9
78	Hydrogel-Embedded Model Photocatalytic System Investigated by Raman and IR Spectroscopy Assisted by Density Functional Theory Calculations and Two-Dimensional Correlation Analysis. Journal of Physical Chemistry A, 2018, 122, 2677-2687.	2.5	7
79	Thermally Switchable Fluorescence Resonance Energy Transfer via Reversible Dielsâ€“Alder Reaction of Ï€â€Conjugated Oligoâ€(Phenylene Ethynylene)s. Macromolecular Rapid Communications, 2018, 39, e1700789.	3.9	6
80	Sterically induced distortions of nickel(II) porphyrins â€“ Comprehensive investigation by DFT calculations and resonance Raman spectroscopy. Coordination Chemistry Reviews, 2018, 360, 1-16.	18.8	35
81	Fate of Photoexcited Molecular Antennae - Intermolecular Energy Transfer versus Photodegradation Assessed by Quantum Dynamics. Journal of Physical Chemistry C, 2018, 122, 3273-3285.	3.1	6
82	Direct detection of the photoinduced charge-separated state in a Ru(<scp>II</scp>) bis(terpyridine)â€“polyoxometalate molecular dyad. Chemical Communications, 2018, 54, 2970-2973.	4.1	21
83	Unusually Short-Lived Solvent-Dependent Excited State in a Half-Sandwich Ru(II) Complex Induced by Low-Lying ³MC States. Journal of Physical Chemistry A, 2018, 122, 1550-1559.	2.5	2
84	A Ï€Ï€* State Enables Photoaccumulation of Charges on a Ï€-Extended Dipyridophenazine Ligand in a Ru(II) Polypyridine Complex. Journal of Physical Chemistry C, 2018, 122, 83-95.	3.1	19
85	Do You Get What You See? Understanding Molecular Selfâ€Healing. Chemistry - A European Journal, 2018, 24, 2493-2502.	3.3	18
86	A program for automatically predicting supramolecular aggregates and its application to urea and porphin. Journal of Computational Chemistry, 2018, 39, 763-772.	3.3	9
87	Introducing double polar heads to highly fluorescent Thiazoles: Influence on supramolecular structures and photonic properties. Journal of Colloid and Interface Science, 2018, 526, 410-418.	9.4	15
88	An artificial photosynthetic system for photoaccumulation of two electrons on a fused dipyridophenazine (dppz)â€“pyridoquinolinone ligand. Chemical Science, 2018, 9, 4152-4159.	7.4	48
89	Coexistence of distinct intramolecular electron transfer pathways in polyoxometalate based molecular triads. Physical Chemistry Chemical Physics, 2018, 20, 11740-11748.	2.8	8
90	Heteroleptic diimineâ€“diphosphine Cu(I) complexes as an alternative towards noble-metal based photosensitizers: Design strategies, photophysical properties and perspective applications. Coordination Chemistry Reviews, 2018, 356, 127-146.	18.8	243

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91	Remendable polymers via reversible Dielsâ€“Alder cycloaddition of anthraceneâ€containing copolymers with fullerenes. Journal of Applied Polymer Science, 2018, 135, 45916.	2.6	15
92	Photoannealing of Merocyanine Aggregates. Journal of Physical Chemistry A, 2018, 122, 9821-9832.	2.5	8
93	Controlling Intermolecular Interactions at Interfaces: Case of Supramolecular Tuning of Fullerene's Electronic Structure. Advanced Energy Materials, 2018, 8, 1801737.	19.5	18
94	Cu(<scp>i</scp>) vs. Ru(<scp>ii</scp>) photosensitizers: elucidation of electron transfer processes within a series of structurally related complexes containing an extended Ï€-system. Physical Chemistry Chemical Physics, 2018, 20, 24843-24857.	2.8	50
95	Electron transfer in a covalent dyeâ€“cobalt catalyst assembly â€“ a transient absorption spectroelectrochemistry perspective. Chemical Communications, 2018, 54, 10594-10597.	4.1	29
96	Photophysics of a Ruthenium Complex with a Ï€-Extended Dipyridophenazine Ligand for DNA Quadruplex Labeling. Journal of Physical Chemistry A, 2018, 122, 6558-6569.	2.5	10
97	Mitochondria Targeted Protein-Ruthenium Photosensitizer for Efficient Photodynamic Applications. Journal of the American Chemical Society, 2017, 139, 2512-2519.	13.7	272
98	Optimized Photoinitiator for Fast Twoâ€Photon Absorption Polymerization of Polyesterâ€Macromers for Tissue Engineering. Advanced Engineering Materials, 2017, 19, 1600686.	3.5	20
99	Tailoring Cellular Uptake and Fluorescence of Poly(2-oxazoline)-Based Nanogels. Bioconjugate Chemistry, 2017, 28, 1229-1235.	3.6	14
100	Polymeric Halogenâ€Bondâ€Based Donor Systems Showing Selfâ€Healing Behavior in Thin Films. Angewandte Chemie - International Edition, 2017, 56, 4047-4051.	13.8	79
101	Energy versus Electron Transfer: Controlling the Excitation Transfer in Molecular Triads. Chemistry - A European Journal, 2017, 23, 4917-4922.	3.3	20
102	Increased Charge Separation Rates with Increasing Donorâ€“Acceptor Distance in Molecular Triads: The Effect of Solvent Polarity. Journal of Physical Chemistry C, 2017, 121, 9220-9229.	3.1	17
103	Self-healing Functional Polymers: Optical Property Recovery of Conjugated Polymer Films by Uncatalyzed Imine Metathesis. Macromolecules, 2017, 50, 3789-3795.	4.8	26
104	Photocatalytic Hydrogen Evolution Driven by [FeFe] Hydrogenase Models Tethered to Fluorene and Silafluorene Sensitizers. Chemistry - A European Journal, 2017, 23, 334-345.	3.3	34
105	Aqueous Photocurrent Measurements Correlated to Ultrafast Electron Transfer Dynamics at Ruthenium Tris Diimine Sensitized NiO Photocathodes. Journal of Physical Chemistry C, 2017, 121, 5891-5904.	3.1	33
106	Effect of annealing on the sub-bandgap, defects and trapping states of ZnO nanostructures. Chemical Physics, 2017, 483-484, 112-121.	1.9	25
107	Excited State Properties of Heteroleptic Cu(I) 4H-Imidazolate Complexes. Inorganic Chemistry, 2017, 56, 12978-12986.	4.0	16
108	Absorption and Fluorescence Features of an Amphiphilic meso-Pyrimidinylcorrole: Experimental Study and Quantum Chemical Calculations. Journal of Physical Chemistry A, 2017, 121, 8614-8624.	2.5	14

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109	A Double Selfâ€Assembly Process for Versatile Reducedâ€Grapheneâ€Oxide Layer Deposition and Conformal Coating on 3D Structures. Advanced Materials Interfaces, 2017, 4, 1700758.	3.7	17
110	Directed Orientation of Oligo(phenylene ethynylene)s Using Ureas or Urethanes in Rodâ€"Coil Copolymers. Macromolecular Chemistry and Physics, 2017, 218, 1700343.	2.2	5
111	Intrinsic self-healing polymers with a high E-modulus based on dynamic reversible urea bonds. NPG Asia Materials, 2017, 9, e420-e420.	7.9	97
112	Extending Longâ€lived Charge Separation Between Donor and Acceptor Blocks in Novel Copolymer Architectures Featuring a Sensitizer Core. Chemistry - A European Journal, 2017, 23, 16484-16490.	3.3	16
113	Polymerbasierte HalogenbrÃ¼ckendonoren mit selbstheilenden Eigenschaften in Filmen. Angewandte Chemie, 2017, 129, 4105-4110.	2.0	14
114	Excitation Power Modulates Energyâ€Transfer Dynamics in a Supramolecular Ru^{II}â€Fe^{II}â€Ru^{II} Triad. ChemPhysChem, 2017, 18, 2899-2907.	2.1	2
115	On the Control of Chromophore Orientation, Supramolecular Structure, and Thermodynamic Stability of an Amphiphilic Pyridyl-Thiazol upon Lateral Compression and Spacer Length Variation. ACS Applied Materials & Interfaces, 2017, 9, 44181-44191.	8.0	22
116	Excited State Dynamics of a Photobiologically Active Ru(II) Dyad Are Altered in Biologically Relevant Environments. Journal of Physical Chemistry A, 2017, 121, 5635-5644.	2.5	34
117	[FeFe]-Hydrogenase H-cluster mimics mediated by naphthalene monoimide derivatives of peri-substituted dichalcogenides. Dalton Transactions, 2017, 46, 11180-11191.	3.3	43
118	Impact of drying procedure on the morphology and structure of TiO2 xerogels and the performance of dye sensitized solar cells. Journal of Sol-Gel Science and Technology, 2017, 81, 693-703.	2.4	12
119	Resonance Raman Study of New Pyrroleâ€Anchoring Dyes for NiOâ€Sensitized Solar Cells. ChemPhysChem, 2017, 18, 406-414.	2.1	6
120	Photophysics of BODIPY Dyes as Readily-Designable Photosensitisers in Light-Driven Proton Reduction. Inorganics, 2017, 5, 21.	2.7	25
121	Photometric Detection of Nitric Oxide Using a Dissolved Iron(III) Corrole as a Sensitizer. ChemPlusChem, 2016, 81, 594-603.	2.8	12
122	Photometric Detection of Nitric Oxide Using a Dissolved Iron(III) Corrole as a Sensitizer. ChemPlusChem, 2016, 81, 585-585.	2.8	0
123	ZnO nanoflowers-based photoanodes: aqueous chemical synthesis, microstructure and optical properties. Open Chemistry, 2016, 14, 158-169.	1.9	32
124	Ultrafast in cellulo photoinduced dynamics processes of the paradigm molecular light switch [Ru(bpy)2dppz]2+. Scientific Reports, 2016, 6, 33547.	3.3	15
125	Determination of side products in the photocatalytic generation of hydrogen with copper photosensitizers by resonance Raman spectroelectrochemistry. RSC Advances, 2016, 6, 105801-105805.	3.6	52
126	Intermolecular excitonâ€"exciton annihilation in phospholipid vesicles doped with [Ru(bpy)2dppz]2+. Chemical Physics Letters, 2016, 644, 56-61.	2.6	14

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127	Efficient Energy Transfer and Metal Coupling in Cyanide-Bridged Heterodinuclear Complexes Based on (Bipyridine)(terpyridine)ruthenium(II) and (Phenylpyridine)iridium(III) Complexes. Inorganic Chemistry, 2016, 55, 5152-5167.	4.0	18
128	Synthesis and characterization of ruthenium and rhenium dyes with phosphonate anchoring groups. Dalton Transactions, 2016, 45, 9216-9228.	3.3	27
129	Visible-light sensitized photocatalytic hydrogen generation using a dual emissive heterodinuclear cyclometalated iridium(III)/ruthenium(II) complex. Journal of Organometallic Chemistry, 2016, 821, 163-170.	1.8	22
130	Selfâ€Healing Polymer Networks Based on Reversible Michael Addition Reactions. Macromolecular Chemistry and Physics, 2016, 217, 2541-2550.	2.2	45
131	Controlling Electronic Transitions in Fullerene van der Waals Aggregates via Supramolecular Assembly. ACS Applied Materials & Interfaces, 2016, 8, 21512-21521.	8.0	31
132	Transient absorption microscopy: advances in chemical imaging of photoinduced dynamics. Laser and Photonics Reviews, 2016, 10, 62-81.	8.7	64
133	ZnO Nanostructures for Dyeâ€Sensitized Solar Cells Using the TEMPO⁺/TEMPO Redox Mediator and Ruthenium(II) Photosensitizers with 1,2,3â€Triazoleâ€Derived Ligands. ChemPlusChem, 2016, 81, 1281-1291.	2.8	16
134	Spectroelectrochemical Investigation of the Oneâ€Electron Reduction of Nonplanar Nickel(II) Porphyrins. ChemPhysChem, 2016, 17, 3480-3493.	2.1	8
135	Synthesis of three series of ruthenium tris-diimine complexes containing acridine-based Ï€-extended ligands using an efficient â€œchemistry on the complexâ€•approach. Dalton Transactions, 2016, 45, 16298-16308.	3.3	10
136	Influence of Protonation State on the Excited State Dynamics of a Photobiologically Active Ru(II) Dyad. Journal of Physical Chemistry A, 2016, 120, 6379-6388.	2.5	29
137	Covalent Photosensitizerâ€“Polyoxometalateâ€Catalyst Dyads for Visibleâ€Lightâ€Driven Hydrogen Evolution. Chemistry - A European Journal, 2016, 22, 12002-12005.	3.3	49
138	Thermally triggered optical tuning of Ï€-conjugated graft copolymers based on reversible Dielsâ€“Alder reaction. RSC Advances, 2016, 6, 98221-98227.	3.6	6
139	Oxygenâ€Dependent Photocatalytic Water Reduction with a Ruthenium(imidazolium) Chromophore and a Cobaloxime Catalyst. Chemistry - A European Journal, 2016, 22, 8240-8253.	3.3	23
140	Molecular self-healing mechanisms between C₆₀-fullerene and anthracene unveiled by Raman and two-dimensional correlation spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 17973-17982.	2.8	14
141	A comprehensive comparison of dye-sensitized NiO photocathodes for solar energy conversion. Physical Chemistry Chemical Physics, 2016, 18, 10727-10738.	2.8	135
142	Tuning the polarity and surface activity of hydroxythiazoles â€“ extending the applicability of highly fluorescent self-assembling chromophores to supra-molecular photonic structures. Journal of Materials Chemistry C, 2016, 4, 958-971.	5.5	28
143	Ultrafast transient absorption microscopy: Study of excited state dynamics in PtOEP crystals. Chemical Physics, 2016, 464, 69-77.	1.9	5
144	Energy transfer and formation of long-lived 3MLCT states in multimetallic complexes with extended highly conjugated bis-terpyridyl ligands. Physical Chemistry Chemical Physics, 2016, 18, 2350-2360.	2.8	26

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