

Biprajit Sarkar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

341
papers

10,032
citations

52
h-index

74
g-index

372
ext. papers

11,021
ext. citations

5.1
avg, IF

6.33
L-index

#	Paper	IF	Citations
341	An Air-Stable Alkene-Derived Organic Radical Cation.. <i>ACS Omega</i> , 2022 , 7, 837-843	3.9	1
340	Chemistry of Compounds Based on 1,2,3-Triazolylidene-Type Mesoionic Carbenes.. <i>Jacs Au</i> , 2022 , 2, 22-57		4
339	Diamidocarbene-Based Thiele and Tschitschibabin Hydrocarbons: Carbonyl Functionalized Kekul� Diradicaloids. <i>Journal of Organic Chemistry</i> , 2021 , 86, 16464-16472	4.2	1
338	R�ktitelbild: Isomerisierungsreaktionen in anionischen mesoionischen Carbenboraten und Kontrolle der Eigenschaften und Reaktivit�t in den entstehenden Co II -Komplexen durch agostische Wechselwirkungen (Angew. Chem. 1/2021). <i>Angewandte Chemie</i> , 2021 , 133, 520-520	3.6	
337	Directed Design of a Au Complex with a Reduced Mesoionic Carbene Radical Ligand: Insights from 1,2,3-Triazolylidene Selenium Adducts and Extensive Electrochemical Investigations. <i>Chemistry - A European Journal</i> , 2021 , 27, 6557-6568	4.8	7
336	Synthesis, Characterization, and Evaluation of Antibacterial Activity of Ferrocenyl-1,2,3-Triazoles, Triazolium Salts, and Triazolylidene Complexes of Gold(i) and Silver(i). <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1373-1382	2.3	2
335	Analysis of Multiple Redox Sites in Complexes [M(C5Me5)(Q)(NO)]n, M=Ru or Os, Q=o-Quinones. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 867-875	1.3	
334	Spotlight on Ligand Effects in 1,2,3-Triazolylidene Gold Complexes for Hydroamination Catalysis: Synthesis and Catalytic Application of an Activated MIC Gold Triflimide Complex and Various MIC Gold Chloride Complexes. <i>Organometallics</i> , 2021 , 40, 1077-1085	3.8	3
333	Cooperative Effects in Multimetallic Complexes Applied in Catalysis. <i>ChemCatChem</i> , 2021 , 13, 2337-2370	5.2	19
332	Mono- and Di-Mesoionic Carbene-Boranes: Synthesis, Structures and Utility as Reducing Agents. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2417-2424	2.3	2
331	�Diamino--tetrafluoroquinodimethane: Stability of One- and Two-Electron Oxidized Species and Fixation of Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 2021 , 86, 10467-10473	4.2	3
330	Synthesis and Characterization of a Cobalt(III) Corrole with an S-Bound DMSO Ligand. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 3540-3548	2.3	1
329	Isomerization Reactions in Anionic Mesoionic Carbene-Borates and Control of Properties and Reactivities in the Resulting Co Complexes through Agostic Interactions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 499-506	16.4	6
328	A Palladium-Free Sonogashira Coupling Protocol Employing an In Situ Prepared Copper/Chelating 1,2,3-Triazolylidene System. <i>Synlett</i> , 2021 , 32, 616-620	2.2	3
327	Forty Years after the Discovery of Its Nucleolytic Activity: [Cu(phen)] Shows Unattended DNA Cleavage Activity upon Fluorination. <i>Chemistry - A European Journal</i> , 2021 , 27, 3273-3277	4.8	6
326	Tethered CAAC-CAAC dimers: oxidation to persistent radical cations and bridging-unit dependent reactivity/stability of the dications. <i>Chemical Communications</i> , 2021 , 57, 1210-1213	5.8	5
325	On the non-innocence and reactive versus non-reactive nature of diketones in a set of diruthenium frameworks. <i>Dalton Transactions</i> , 2021 , 50, 1106-1118	4.3	5

324	Isomerisierungsreaktionen in anionischen mesoionischen Carbenboraten und Kontrolle der Eigenschaften und Reaktivität in den entstehenden Coll-Komplexen durch agostische Wechselwirkungen. <i>Angewandte Chemie</i> , 2021 , 133, 505-513	3.6	0
323	The transformations of a methylene-bridged bis-triazolium salt: a mesoionic carbene based metallocage and analogues of TCNE and NacNac. <i>Chemical Science</i> , 2021 , 12, 3170-3178	9.4	5
322	Iron(II), Cobalt(II), and Nickel(II) Complexes of Bis(sulfonamido)benzenes: Redox Properties, Large Zero-Field Splittings, and Single-Ion Magnets. <i>Inorganic Chemistry</i> , 2021 , 60, 2953-2963	5.1	5
321	NIR-Emissive Chromium(0), Molybdenum(0), and Tungsten(0) Complexes in the Solid State at Room Temperature. <i>Chemistry - A European Journal</i> , 2021 , 27, 12959-12964	4.8	7
320	Twisted Push-Pull Alkenes Bearing Geminal Cyclicdiamino and Difluoroaryl Substituents. <i>Journal of Organic Chemistry</i> , 2021 , 86, 12683-12692	4.2	1
319	Dual-stimuli pseudorotaxane switches under kinetic control. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 3659-3667	2	
318	Copper(I) complexes bearing mesoionic carbene ligands: influencing the activity in catalytic halo-click reactions. <i>Dalton Transactions</i> , 2020 , 49, 15504-15510	4.3	4
317	Cobalt Corroles as Electrocatalysts for Water Oxidation: Strong Effect of Substituents on Catalytic Activity. <i>Inorganic Chemistry</i> , 2020 , 59, 16622-16634	5.1	8
316	Vibrational Relaxation Dynamics of an Azido-Cobalt(II) Complex from Femtosecond UV-Pump/MIR-Probe Spectroscopy and Model Simulations with Ab Initio Anharmonic Couplings. <i>Inorganic Chemistry</i> , 2020 , 59, 14629-14642	5.1	5
315	d-d Dative Bonding Between Iron and the Alkaline-Earth Metals Calcium, Strontium, and Barium. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14615-14620	16.4	21
314	Trisubstituted geminal diazaalkene derived transient 1,2-carbodications. <i>Chemical Communications</i> , 2020 , 56, 8233-8236	5.8	2
313	Dinuclear Ru complexes with quinonoid bridges: tuning the electrochemical and spectroscopic properties of redox-switchable NIR dyes through judicious bridge design. <i>Dalton Transactions</i> , 2020 , 49, 8354-8366	4.3	3
312	Rhenium Complexes of Pyridyl-Mesoionic Carbenes: Photochemical Properties and Electrocatalytic CO Reduction. <i>Inorganic Chemistry</i> , 2020 , 59, 4215-4227	5.1	26
311	Evidence for Electron Transfer between Graphene and Non-Covalently Bound Systems. <i>Chemistry - A European Journal</i> , 2020 , 26, 6694-6702	4.8	5
310	Activation of Aromatic C-F Bonds by a N-Heterocyclic Olefin (NHO). <i>Chemistry - A European Journal</i> , 2020 , 26, 5951-5955	4.8	10
309	CAAC-Based Thiele and Schlenk Hydrocarbons. <i>Angewandte Chemie</i> , 2020 , 132, 6795-6800	3.6	2
308	Scalable Synthesis of Functionalized Ferrocenyl Azides and Amines Enabled by Flow Chemistry. <i>Organic Letters</i> , 2020 , 22, 902-907	6.2	8
307	Molecular enneanuclear Cu phosphates containing planar hexanuclear and trinuclear sub-units: syntheses, structures, and magnetism. <i>Dalton Transactions</i> , 2020 , 49, 2527-2536	4.3	2

306	N,N'-Ethylene-Bridged Bis-2-Aryl-Pyrrolinium Cations to E-Diaminoalkenes: Non-Identical Stepwise Reversible Double-Redox Coupled Bond Activation Reactions. <i>Chemistry - A European Journal</i> , 2020 , 26, 4425-4431	4.8	7
305	CAAC-Based Thiele and Schlenk Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6729-6734	6.15	15
304	Identification of the Irreversible Redox Behavior of Highly Fluorescent Benzothiadiazoles. <i>ChemPhotoChem</i> , 2020 , 4, 668	3.3	6
303	Mono-, Di- and Tetra-iron Complexes with Selenium or Sulphur Functionalized Vinyliminium Ligands: Synthesis, Structural Characterization and Antiproliferative Activity. <i>Molecules</i> , 2020 , 25,	4.8	12
302	Tuning Pt -Based Donor-Acceptor Systems through Ligand Design: Effects on Frontier Orbitals, Redox Potentials, UV/Vis/NIR Absorptions, Electrochromism, and Photocatalysis. <i>Chemistry - A European Journal</i> , 2020 , 26, 1314-1327	4.8	9
301	NO and NO ₂ as non-innocent ligands: A comparison. <i>Coordination Chemistry Reviews</i> , 2020 , 404, 213114	23.2	11
300	Facile One-Pot Assembly of Push-Pull Imines by a Selective C-H Substitution Process in Aryl Fluorides. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 7445-7449	3.2	
299	#Diamino--quinodimethanes with Three Stable Oxidation States. <i>Organic Letters</i> , 2020 , 22, 8332-8336	6.2	6
298	Between Aromatic and Quinoid Structure: A Symmetrical UV to Vis/NIR Benzothiadiazole Redox Switch. <i>Chemistry - A European Journal</i> , 2020 , 26, 17361-17365	4.8	8
297	Chromium(0) and Molydenum(0) Complexes with a Pyridyl-Mesoionic Carbene Ligand: Structural, (Spectro)electrochemical, Photochemical, and Theoretical Investigations. <i>Inorganic Chemistry</i> , 2020 , 59, 15504-15513	5.1	13
296	Acyclic diaminocarbene-based Thiele, Chichibabin, and Miller hydrocarbons. <i>Chemical Science</i> , 2020 , 11, 11827-11833	9.4	9
295	Redox-Responsive Host-Guest Chemistry of a Flexible Cage with Naphthalene Walls. <i>Journal of the American Chemical Society</i> , 2020 , 142, 3306-3310	16.4	20
294	d# Dative Bonding Between Iron and the Alkaline-Earth Metals Calcium, Strontium, and Barium. <i>Angewandte Chemie</i> , 2020 , 132, 14723-14728	3.6	6
293	Thermodynamic and electrochemical study of tailor-made crown ethers for redox-switchable (pseudo)rotaxanes. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 2576-2588	2.5	2
292	Probing Electronic Properties of Triazolylidenes through Mesoionic Selones, Triazolium Salts, and Ir-Carbonyl-Triazolylidene Complexes. <i>Organometallics</i> , 2020 , 39, 4557-4564	3.8	13
291	Molecular and electronic structure of an azidocobalt(iii) complex derived from X-ray crystallography, linear spectroscopy and quantum chemical calculations. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 20393-20402	3.6	3
290	Flexible vs. rigid bis(2-benzimidazolyl) ligands in Cu(II) complexes: Impact on redox chemistry and oxidative DNA cleavage activity. <i>Journal of Inorganic Biochemistry</i> , 2019 , 194, 223-232	4.2	9
289	Redox-Induced Oxidative C-C Bond Cleavage of 2,2'-Pyridil in Diruthenium Complexes. <i>Chemistry - A European Journal</i> , 2019 , 25, 9737-9746	4.8	12

288	A dicopper(i)-dimesoionic carbene complex as a click catalyst: mechanistic implications. <i>Dalton Transactions</i> , 2019 , 48, 8931-8936	4.3	7
287	Influence of -Substitution on the Formation and Oxidation of NHC-CAAC-Derived Triazaalkenes. <i>Journal of Organic Chemistry</i> , 2019 , 84, 8899-8909	4.2	10
286	New Dyes Based on Extended Fulvene Motifs: Synthesis through Redox Reactions of Naphthoquinones with Donor-Acceptor Cyclopropanes and Their Spectroelectrochemical Behavior. <i>Chemistry - A European Journal</i> , 2019 , 25, 10359-10365	4.8	21
285	Spectroscopic and Electronic Properties of Molybdacarborane Complexes with Non-innocently Acting Ligands. <i>Chemistry - A European Journal</i> , 2019 , 25, 8550-8559	4.8	4
284	Strong Exchange Couplings Drastically Slow Down Magnetization Relaxation in an Air-Stable Cobalt(II)-Radical Single-Molecule Magnet (SMM). <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9802-9806	16.4	27
283	Drastische Verlangsamung der magnetischen Relaxation durch starke Austauschkopplungen in einem luftstabilen, radikalverbrückten Cobalt(II)-Einzmolekülmagneten. <i>Angewandte Chemie</i> , 2019 , 131, 9907-9911	3.6	4
282	Efficient Syntheses of New Super Lewis Basic Tris(dialkylamino)-Substituted Terpyridines and Comparison of Their Methyl Cation Affinities. <i>Chemistry - A European Journal</i> , 2019 , 25, 7526-7533	4.8	9
281	Diaminodicyanoquinones: Fluorescent Dyes with High Dipole Moments and Electron-Acceptor Properties. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8235-8239	16.4	18
280	Diaminodicyanochinone Fluoreszenzfarbstoffe mit hohem Dipolmoment und Elektronenakzeptor-Eigenschaften. <i>Angewandte Chemie</i> , 2019 , 131, 8321-8326	3.6	2
279	Isolable Cu(I) Complexes of Extremely Electron-Poor, Completely Unreduced o-Quinone and "Di-o-Quinone" Ligands Stabilized through Interactions in the Secondary Coordination Sphere. <i>Inorganic Chemistry</i> , 2019 , 58, 3754-3763	5.1	7
278	Fluorescence of a chiral pentaphene derivative derived from the hexabenzocoronene Motif. <i>Chemical Communications</i> , 2019 , 55, 10515-10518	5.8	1
277	A coordinatively unsaturated iridium complex with an unsymmetrical redox-active ligand: (spectro)electrochemical and reactivity studies. <i>Dalton Transactions</i> , 2019 , 48, 13931-13942	4.3	2
276	Half-Sandwich Ir(III) and Os(II) Complexes of Pyridyl-Mesoionic Carbenes as Potential Anticancer Agents. <i>Organometallics</i> , 2019 , 38, 4082-4092	3.8	11
275	Oxidative access via to an electrophilic, mesoionic dicobaltoceniumyltriazolylidene gold(III) catalyst. <i>Organometallics</i> , 2019 , 38, 4383-4386	3.8	21
274	Bindungen aktivieren und Redoxreaktionen. <i>Nachrichten Aus Der Chemie</i> , 2019 , 67, 67-71	0.1	
273	Direct access to 2-aryl substituted pyrrolinium salts for carbon centre based radicals pyrrolidine-2-ylidene cyclic(alkyl)(amino)carbene (CAAC) as a precursor. <i>Chemical Science</i> , 2019 , 10, 4077-4081 ¹⁴		
272	Accordion-Like Motion in Electrochemically Switchable Crown Ether/Ammonium Oligorotaxanes. <i>Angewandte Chemie</i> , 2019 , 131, 3534-3538	3.6	9
271	Synthesis, Spectroscopy, and Redox Studies of Ferrocene-Functionalized Coinage Metal Alkyne Complexes. <i>Inorganic Chemistry</i> , 2019 , 58, 2997-3006	5.1	3

270	Accordion-Like Motion in Electrochemically Switchable Crown Ether/Ammonium Oligorotaxanes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3496-3500	16.4	23
269	Synergistic Metal-Ligand Redox Cooperativity for Electrocatalytic CO ₂ Reduction Promoted by a Ligand-Based Redox Couple in Mn and Re Tricarbonyl Complexes. <i>Organometallics</i> , 2019 , 38, 1317-1329	3.8	25
268	Licht und Leuchten bei 3d-Metallen. <i>Nachrichten Aus Der Chemie</i> , 2019 , 67, 54-59	0.1	1
267	How Inert are Osmium-Ligand Bonds? A Combined Thermal, Photochemical and Electrochemical Case Study With a Click Tripodal Ligand. <i>ChemPhotoChem</i> , 2018 , 2, 357-361	3.3	2
266	An aryl-fused redox-active tetrathiafulvalene with enhanced mixed-valence and radical-cation dimer stabilities. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 2741-2747	3.9	8
265	Versatile Coordination of Azocarboxamides: Redox-Triggered Change of the Chelating Binding Pocket in Ruthenium Complexes. <i>Chemistry - A European Journal</i> , 2018 , 24, 18020-18031	4.8	4
264	Metal coordination induced ring contraction of porphyrin derivatives. <i>Chemical Communications</i> , 2018 , 54, 9945-9948	5.8	14
263	Chromium Complexes with Oxido and Corrolato Ligands: Metal-Based Redox Processes versus Ligand Non-Innocence. <i>Chemistry - A European Journal</i> , 2018 , 24, 12613-12622	4.8	14
262	Highly Electrophilic, Catalytically Active and Redox-Responsive Cobaltoceniumyl and Ferrocenyl Triazolylidene Coinage Metal Complexes. <i>Chemistry - A European Journal</i> , 2018 , 24, 3742-3753	4.8	44
261	Water Oxidation Reaction Mediated by an Octanuclear Iron-Oxo Cluster. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4930-4931	2.3	1
260	Switchable synchronisation of pirouetting motions in a redox-active [3]rotaxane. <i>Nanoscale</i> , 2018 , 10, 21425-21433	7.7	15
259	Questions of Noninnocence and Ease of Azo Reduction in Diruthenium Frameworks with a 1,8-Bis((E)-phenyldiazenyl)naphthalene-2,7-dioxido Bridge. <i>Inorganic Chemistry</i> , 2018 , 57, 12800-12810	5.1	20
258	Influence of Mesoionic Carbenes on Electro- and Photoactive Ru and Os Complexes: A Combined (Spectro-)Electrochemical, Photochemical, and Computational Study. <i>Inorganic Chemistry</i> , 2018 , 57, 13973-13984	5.1	25
257	"Abnormal" Addition of NHC to a Conjugate Acid of CAAC: Formation of N-Alkyl-Substituted CAAC. <i>Chemistry - A European Journal</i> , 2018 , 24, 12722-12727	4.8	6
256	Serendipitous discoveries of new coordination modes of the 1,5-regioisomer of 1,2,3-triazoles enroute to the attempted synthesis of a carbon-anchored tri-mesoionic carbene. <i>Dalton Transactions</i> , 2018 , 47, 7992-8002	4.3	7
255	Water Oxidation Reaction Mediated by an Octanuclear Iron-Oxo Cluster. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4925-4929	2.3	7
254	Anders als die anderen: mesoionische Carbene. <i>Nachrichten Aus Der Chemie</i> , 2018 , 66, 717-721	0.1	6
253	A Divalent Pentastable Redox-Switchable Donor-Acceptor Rotaxane. <i>Chemistry - A European Journal</i> , 2017 , 23, 2960-2967	4.8	30

252	Structural, Electrochemical, and Photochemical Properties of Mono- and Digold(I) Complexes Containing Mesoionic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2112-2121	2.3	34
251	Tuning Magnetic Anisotropy Through Ligand Substitution in Five-Coordinate Co(II) Complexes. <i>Inorganic Chemistry</i> , 2017 , 56, 5253-5265	5.1	23
250	Gauging Donor/Acceptor Properties and Redox Stability of Chelating Click-Derived Triazoles and Triazolylidenes: A Case Study with Rhenium(I) Complexes. <i>Inorganic Chemistry</i> , 2017 , 56, 5771-5783	5.1	52
249	Ruthenium Complexes with Strongly Electron-Donating Terpyridine Ligands: Effect of the Working Electrode on Electrochemical and Spectroelectrochemical Properties. <i>Chemistry - A European Journal</i> , 2017 , 23, 12314-12325	4.8	12
248	The Power of Ferrocene, Mesoionic Carbenes, and Gold: Redox-Switchable Catalysis. <i>Organometallics</i> , 2017 , 36, 2026-2035	3.8	64
247	Illuminating Iron: Mesoionic Carbenes as Privileged Ligands in Photochemistry. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8938-8940	16.4	33
246	Eisen im Rampenlicht: mesoionische Carbene als privilegierte Liganden in der Photochemie. <i>Angewandte Chemie</i> , 2017 , 129, 9064-9066	3.6	10
245	Metal Complexes of Click-Derived Triazoles and Mesoionic Carbenes: Electron Transfer, Photochemistry, Magnetic Bistability, and Catalysis. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 554-584	1.3	118
244	Ruthenium-Ruthenium-Bonded [Bis{corrolato-ruthenium(III)}] ($n=0, +1, -1$) Complexes: Model Compounds for the Photosynthetic Special Pair. <i>Chemistry - A European Journal</i> , 2017 , 23, 2396-2404	4.8	13
243	Heteromultimetallic Complexes with Redox-Active Mesoionic Carbenes: Control of Donor Properties and Redox-Induced Catalysis. <i>Chemistry - A European Journal</i> , 2017 , 23, 466-466	4.8	3
242	Control of Complex Formation through Peripheral Substituents in Click-Tripodal Ligands: Structural Diversity in Homo- and Heterodinuclear Cobalt-Azido Complexes. <i>Inorganic Chemistry</i> , 2017 , 56, 402-413 ^{5.1}	5.1	9
241	Impact of mechanical bonding on the redox-switching of tetrathiafulvalene in crown ether-ammonium [2]rotaxanes. <i>Chemical Science</i> , 2017 , 8, 6300-6306	9.4	19
240	Isovalent Ag /Ag ⁺ , Ag /Ag ⁰ , Mixed-Valent Ag /Ag ⁰ , and Corrolato-Based Mixed-Valency in π -Linked [Bis{corrolato-silver}] Complexes. <i>Chemistry - A European Journal</i> , 2017 , 23, 13858-13863	4.8	17
239	Mixed Donor-Acceptor-Derived N,N'-Diarylpyrazine-2,5-dicarboxamido-Bridged Diruthenium Systems: Structures, Magnetic Properties, and Electronic Forms in Multiredox States. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 5497-5506	2.3	10
238	Redox Behavior of a Dinuclear Ruthenium(II) Complex Bearing an Uncommon Bridging Ligand: Insights from High-Pressure Electrochemistry. <i>Inorganic Chemistry</i> , 2017 , 56, 14912-14925	5.1	5
237	Heteromultimetallic Complexes with Redox-Active Mesoionic Carbenes: Control of Donor Properties and Redox-Induced Catalysis. <i>Chemistry - A European Journal</i> , 2017 , 23, 576-585	4.8	71
236	Heterotri- and Heteropentanuclear Copper(I)-Ferrocenyl Complexes Assembled through a Click Strategy: A Structural, Electrochemical, and Spectroelectrochemical Investigation. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 477-482	2.3	3
235	Phosphinines versus mesoionic carbenes: a comparison of structurally related ligands in Au(I)-catalysis. <i>Dalton Transactions</i> , 2016 , 46, 86-95	4.3	27

234	A Dicobalt Complex with an Unsymmetrical Quinonoid Bridge Isolated in Three Units of Charge: A Combined Structural, (Spectro)electrochemical, Magnetic and Spectroscopic Study. <i>Chemistry - A European Journal</i> , 2016 , 22, 13884-13893	4.8	14
233	Ruthenium Azocarboxamide Half-Sandwich Complexes: Influence of the Coordination Mode on the Electronic Structure and Activity in Base-Free Transfer Hydrogenation Catalysis. <i>Organometallics</i> , 2016 , 35, 2840-2849	3.8	20
232	Ru, Ir and Os mesoionic carbene complexes: efficient catalysts for transfer hydrogenation of selected functionalities. <i>Dalton Transactions</i> , 2016 , 45, 15983-15993	4.3	43
231	A dinuclear $\{[(p\text{-cym})\text{Ru}(\text{II})\text{Cl}]_2(\text{bpytz}\{\})\}(+)\$ complex bridged by a radical anion: synthesis, spectroelectrochemical, EPR and theoretical investigation (bpytz = 3,6-bis(3,5-dimethylpyrazolyl)1,2,4,5-tetrazine; p-cym = p-cymene). <i>Dalton Transactions</i> , 2016 , 45, 12532-8	4.3	8
230	Fell and Coll Complexes with Click-Derived Tripodal Ligands: Influence of the Peripheral Substituents on Geometric Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 2581-2585	2.3	8
229	Mono- and Digold(I) Complexes with Mesoionic Carbenes: Structural Characterization and Use in Catalytic Silver-Free Oxazoline Formation. <i>Organometallics</i> , 2016 , 35, 3828-3836	3.8	35
228	Multiple Bistability in Quinonoid-Bridged Diiron(II) Complexes: Influence of Bridge Symmetry on Bistable Properties. <i>Inorganic Chemistry</i> , 2016 , 55, 11944-11953	5.1	17
227	Expanding the Scope of Chelating Triazolylidenes: Mesoionic Carbenes from the 1,5-"Click"-Regiosomer and Catalytic Synthesis of Secondary Amines from Nitroarenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 18009-18018	4.8	32
226	A four-coordinate cobalt(II) single-ion magnet with coercivity and a very high energy barrier. <i>Nature Communications</i> , 2016 , 7, 10467	17.4	295
225	Structural, electrochemical and spectroelectrochemical study on the geometric and electronic structures of $[(\text{corrolato})\text{Au}(\text{III})](n)$ ($n = 0, +1, -1$) complexes. <i>Dalton Transactions</i> , 2016 , 45, 2914-23	4.3	18
224	Exploring potential cooperative effects in dicopper(I)-di-mesoionic carbene complexes: applications in click catalysis. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 67-77	6.8	28
223	Palladium(ii)-Acetylacetone Complexes with Mesoionic Carbenes: Synthesis, Structures and Their Application in the Suzuki-Miyaura Cross Coupling Reaction. <i>Molecules</i> , 2016 , 21,	4.8	10
222	Probing bistability in Fe(II) and Co(II) complexes with an unsymmetrically substituted quinonoid ligand. <i>Dalton Transactions</i> , 2016 , 45, 8394-403	4.3	9
221	Structural snapshots in the copper(ii) induced azide-nitrile cycloaddition: effects of peripheral ligand substituents on the formation of unsupported azido vs. tetrazolato bridged complexes. <i>Dalton Transactions</i> , 2016 , 45, 17770-17781	4.3	11
220	Palladium Complexes Bearing Mesoionic Carbene Ligands: Applications in Arylation, Methylation and Suzuki-Miyaura Coupling Reactions. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 111-117	2.3	31
219	The ligand field of the azido ligand: insights into bonding parameters and magnetic anisotropy in a Co(II)-azido complex. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1993-2005	16.4	108
218	Triply cyclometalated trinuclear iridium(III) and trinuclear palladium(II) complexes with a tri-mesoionic carbene ligand. <i>Chemical Communications</i> , 2015 , 51, 15106-9	5.8	36
217	Utilizing a series of fac-Re(CO) ₃ core based quinonoid containing complexes for photophysical and cell imaging studies. <i>Polyhedron</i> , 2015 , 100, 243-250	2.7	16

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211	Redox-active multinuclear Pd(II) complexes with bis- and tris-mesoionic carbenes. <i>Dalton Transactions</i> , 2015 , 44, 46-9	4.3	46
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96	Carbamate-Linked (Oligo)phenothiazines in Mesoporous Silica by Post-Synthetic Grafting: Fluorescent Redox-Active Hybrid Materials. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 3895-3905	10	
95	N2.3-Eine Lücke in der N2n-Reihe gefüllt. <i>Angewandte Chemie</i> , 2009 , 121, 9573-9575	3.6	13
94	An odd-electron complex [Ru(k)(NO(m))(Q(n))(terpy)]2+ with two prototypical non-innocent ligands. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4242-5	16.4	48
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85	Synthesis of bis(phosphinoferrocenyl) copper complexes from zwitterionic quinonoid ligands and their structural and redox properties. <i>Inorganic Chemistry</i> , 2009 , 48, 2534-40	5.1	53
84	Nicht unschuldig: chinoide Liganden. <i>Nachrichten Aus Der Chemie</i> , 2009 , 57, 862-866	0.1	14
83	Single-electron transfer in palladium complexes of 1,4-naphthoquinone-containing bis(pyrazol-1-yl)methane ligands. <i>Inorganic Chemistry</i> , 2009 , 48, 9385-92	5.1	16
82	First structurally characterized mono- and dinuclear ruthenium complexes derived from zwitterionic quinonoid ligands. <i>Chemical Communications</i> , 2009 , 4387-9	5.8	38
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