Robert Stranger

List of Publications by Year
in descending order

112	2,933	126907	214800
papers	citations	33 h-index	47 g-index

117	117	117	2157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organometallic Complexes for Nonlinear Optics. 30.1Electrochromic Linear and Nonlinear Optical Properties of Alkynylbis(diphosphine)ruthenium Complexes. Journal of the American Chemical Society, 2003, 125, 602-610.	13.7	199
2	Independent Switching of Cubic Nonlinear Optical Properties in a Ruthenium Alkynyl Cruciform Complex by Employing Protic and Electrochemical Stimuli. Journal of the American Chemical Society, 2007, 129, 11882-11883.	13.7	84
3	Organometallic complexes for nonlinear optics.. Inorganica Chimica Acta, 2003, 352, 9-18.	2.4	81
4	Bonding of Î·1-Acetylide Ligands to Electron-Rich Ruthenium Centers:Â Can Electron-Withdrawing Ligands Induce Significant Metal-to-Ligand Back-Bonding?. Organometallics, 1997, 16, 4004-4011.	2.3	80
5	Length-Dependent Convergence and Saturation Behavior of Electrochemical, Linear Optical, Quadratic Nonlinear Optical, and Cubic Nonlinear Optical Properties of Dipolar Alkynylruthenium Complexes with Oligo(phenyleneethynylene) Bridges. Journal of the American Chemical Society, 2009, 131, 10293-10307.	13.7	80
6	Optimized Structures of Bimetallic Systems:Â A Comparison of Full- and Broken-Symmetry Density Functional Calculations. Inorganic Chemistry, 1996, 35, 3079-3080.	4.0	70
7	Rationalizing the 1.9â€…Ã… Crystal Structure of Photosystem IIâ€”A Remarkable Jahnâ€“Teller Balancing Act Induced by a Single Proton Transfer. Angewandte Chemie - International Edition, 2012, 51, 12025-12028.	13.8	67
8	Broken-Symmetry and Approximate Spin-Projected Potential Energy Curves for Bimetallic Systems:Â A Density Functional Study of M2Cl9, M = CrIII, MoIII, WIII, and ReIV. Journal of Physical Chemistry A, 1997, 101, 6265-6272.	2.5	66
9	DFT Study on the Mechanism of the Activation and Cleavage of CO₂ by (NHC)CuEPh₃ (E = Si, Ge, Sn). Organometallics, 2011, 30, 1340-1349.	2.3	66
10	Probing the Balance between Localization and Delocalization of the Metal-Based Electrons in Face-Shared Bioctahedral Complexes. Inorganic Chemistry, 1997, 36, 3242-3247.	4.0	61
11	Application of computational chemistry to understanding the structure and mechanism of the Mn catalytic site in photosystem II â€“ A review. Journal of Photochemistry and Photobiology B: Biology, 2011, 104, 80-93.	3.8	60
12	Why nature chose Mn for the water oxidase in Photosystem II. Dalton Transactions, 2012, 41, 7179.	3.3	59
13	What spectroscopy reveals concerning the Mn oxidation levels in the oxygen evolving complex of photosystem II: X-ray to near infra-red. Dalton Transactions, 2012, 41, 11145.	3.3	54
14	DFT Prediction and Experimental Investigation of Valence Tautomerism in Cobalt-Dioxolene Complexes. Inorganic Chemistry, 2019, 58, 4230-4243.	4.0	53
15	DFT and Metalâ^'Metal Bonding:Â A Dys-Functional Treatment for Multiply Charged Complexes?. Inorganic Chemistry, 2004, 43, 2597-2610.	4.0	50
16	Modelling the metal atom positions of the Photosystem II water oxidising complex: a density functional theory appraisal of the 1.9 Ã… resolution crystal structure. Physical Chemistry Chemical Physics, 2012, 14, 11333.	2.8	50
17	Electronic Structure of Face- and Edge-Shared Bioctahedral Systems:Â A Comparison of M2Cl93-and M2Cl104-, M = Cr, Mo, W. Inorganic Chemistry, 1998, 37, 3802-3808.	4.0	48
18	Bridge Over Troubled Water: Resolving the Competing Photosystemâ€…II Crystal Structures. Chemistry - A European Journal, 2007, 13, 5082-5089.	3.3	45

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19	Oxidation State Dependence of the Geometry, Electronic Structure, and Magnetic Coupling in Mixed Oxo- and Carboxylato-Bridged Manganese Dimers. Inorganic Chemistry, 2001, 40, 3061-3076.	4.0	42
20	Location of Potential Substrate Water Binding Sites in the Water Oxidizing Complex of Photosystemâ€…II. Angewandte Chemie - International Edition, 2010, 49, 4233-4236.	13.8	41
21	Multistate Redox-Active Metalated Triarylamines. European Journal of Inorganic Chemistry, 2012, 2012, 65-75.	2.0	41
22	Toward the Assignment of the Manganese Oxidation Pattern in the Waterâ€Oxidizing Complex of Photosystem II: A Timeâ€Dependent DFT Study of XANES Energies. Chemistry - A European Journal, 2011, 17, 5699-5713.	3.3	39
23	Metalâ^'Metal Bonding in d1d1and d2d2Bioctahedral Dimer Systems:Â A Density Functional Study of Face-Shared M2X93-(M = Ti, Zr, Hf, V, Nb, Ta) Complexes. Inorganic Chemistry, 1998, 37, 6795-6806.	4.0	38
24	DFT Studies on the Carboxylation of the Câ€“H Bond of Heteroarenes by Copper(I) Complexes. Organometallics, 2011, 30, 6218-6224.	2.3	38
25	Activation of CS2 and CS by ML3 Complexes. Journal of the American Chemical Society, 2008, 130, 11928-11938.	13.7	37
26	Organometallic Complexes for Nonlinear Optics. 43. Quadratic Optical Nonlinearities of Dipolar Alkynylruthenium Complexes with Phenyleneethynylene/Phenylenevinylene Bridges. Inorganic Chemistry, 2009, 48, 3562-3572.	4.0	37
27	Dinitrogen activation in sterically-hindered three-coordinate transition metal complexes. Faraday Discussions, 2003, 124, 331.	3.2	35
28	Organometallic Complexes for Nonlinear Optics. 42. Syntheses, Linear, and Nonlinear Optical Properties of Ligated Metal-Functionalized Oligo(p-phenyleneethynylene)s. Inorganic Chemistry, 2009, 48, 6534-6547.	4.0	35
29	Resolving the Differences Between the 1.9â€…Ã… and 1.95â€…Ã… Crystal Structures of Photosystemâ€…II: A Single Proton Relocation Defines Two Tautomeric Forms of the Waterâ€Oxidizing Complex. Angewandte Chemie - International Edition, 2015, 54, 7120-7124.	13.8	35
30	The prospects of developing a highly energy-efficient water electrolyser by eliminating or mitigating bubble effects. Sustainable Energy and Fuels, 2021, 5, 1280-1310.	4.9	35
31	Magnetoâ^'Optical Investigation of the Exchange-Coupled Dimer Cs3Mo2Br9. Inorganic Chemistry, 1996, 35, 4218-4226.	4.0	34
32	Mixed-Metal Cluster Chemistry. 22. Synthesis and Crystallographic, Electrochemical, and Theoretical Studies of Alkyne-Coordinated Group 6â^'Iridium Clusters Linked by Phenyleneethynylene Groups. Organometallics, 2003, 22, 708-721.	2.3	34
33	Resolving the Differences Between the 1.9â€…Ã… and 1.95â€…Ã… Crystal Structures of Photosystemâ€…II: A Single Proton Relocation Defines Two Tautomeric Forms of the Waterâ€Oxidizing Complex. Angewandte Chemie, 2015, 127, 7226-7230.	2.0	33
34	Structural similarities in enzymatic, homogeneous and heterogeneous catalysts of water oxidation. Chemical Science, 2011, 2, 2254.	7.4	32
35	The interaction of His337 with the Mn4Ca cluster of photosystem II. Physical Chemistry Chemical Physics, 2012, 14, 4651.	2.8	32
36	Structural, Magnetic Coupling and Oxidation State Trends in Models of the CaMn₄ Cluster in Photosystem II. Chemistry - A European Journal, 2008, 14, 5482-5494.	3.3	30

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37	Electronic structure of the oxygen evolving complex in photosystem II, as revealed by ⁵⁵Mn Davies ENDOR studies at 2.5 K. Physical Chemistry Chemical Physics, 2014, 16, 7799-7812.	2.8	30
38	Mutual Interdependence of Spin Crossover and Metalâ^'Metal Bond Formation in M2Cl93-(M = Fe, Ru,) Tj ETQq0 0 0 rgBT /Overlock 10 T	4.0	28
39	DFT Calculation of Static First Hyperpolarizabilities and Linear Optical Properties of Metal Alkynyl Complexes. Organometallics, 2014, 33, 2434-2447.	2.3	28
40	Spinâ^'Orbit Mixing and Nephelauxetic Effects in the Electronic Spectra of Nickel(II)-Encapsulating Complexes Involving Nitrogen and Sulfur Donors. Inorganic Chemistry, 1997, 36, 3466-3475.	4.0	27
41	Ligand Dependence of Metalâ^'Metal Bonding in the d3d3Dimers M2X9n-(MIII= Cr, Mo, W; MIV= Mn, Tc, Re;) Tj ETQq1 1 0.784314 rgBT	4.0	27
42	Optimizing Small Molecule Activation and Cleavage in Three-Coordinate M[N(R)Ar]3Complexes. Inorganic Chemistry, 2006, 45, 6851-6859.	4.0	25
43	Breaking Chemistry's Strongest Bond: Can Three-Coordinate [M{N(R)Ar}3] Complexes Cleave Carbon Monoxide?. Chemistry - A European Journal, 2007, 13, 4264-4272.	3.3	24
44	2,7-Fluorenediyl-Bridged Complexes Containing Electroactive â€œFe(Î·⁵-C₅Me₅)(Î²²-dppe)Câ‰¡Câ€“â€•End Groups: Molecular Wires and Remarkable Nonlinear Electrochromes. Organometallics, 2015, 34, 5418-5437.	2.3	23
45	What Mn K_{Î²} spectroscopy reveals concerning the oxidation states of the Mn cluster in photosystem II. Physical Chemistry Chemical Physics, 2017, 19, 27682-27693.	2.8	22
46	Ligand rotation in [Ar(R)N]3M-N2-Mâ€²[N(R)Ar]3(M, Mâ€² = MoIII, NbIII; R =iPr andtBu) dimers. Dalton Transactions, 2005, , 962-968.	3.3	21
47	Hydration Preferences for Mn₄Ca Cluster Models of Photosystemâ€…II: Location of Potential Substrateâ€“Water Binding Sites. Chemistry - A European Journal, 2010, 16, 14026-14042.	3.3	21
48	What does the Sr-substituted 2.1 Ã… resolution crystal structure of photosystem II reveal about the water oxidation mechanism?. Chemical Communications, 2014, 50, 3187-3190.	4.1	21
49	Electronic Structure of [Pt2(Î¼-O2CCH3)4(H2O)2]2+Using the Quasi-Relativistic XÎ±â^'SW Method:Â Analysis of Metalâ^'Metal Bonding, Assignment of Electronic Spectra, and Comparison with Rh2(Î¼-O2CCH3)4(H2O)2. Inorganic Chemistry, 1996, 35, 2268-2275.	4.0	20
50	Magnetic Exchange in [Mn2(Î¼-O)3(tmtacn)2]2+: Metalâ^'Metal Bonding or Superexchange?. Inorganic Chemistry, 2000, 39, 491-495.	4.0	20
51	Time-Dependent DFT Studies of Metal Core-Electron Excitations in Mn Complexes. Journal of Physical Chemistry A, 2008, 112, 11223-11234.	2.5	20
52	The effect of Mn oxidation state on metal core electron excitations in manganese dimers: a time-dependent density functional investigation. Physical Chemistry Chemical Physics, 2009, 11, 5634.	2.8	20
53	Rationalising the Geometric Variation between the A and B Monomers in the 1.9â€…Ã… Crystal Structure of Photosystemâ€…II. Chemistry - A European Journal, 2015, 21, 6780-6792.	3.3	20
54	Metalâ^'Metal Bonding in M2Cl6(H2PCH2PH2)2, M2Cl6(PH3)4, and M2Cl104-(M = Cr, Mo, W) Edge-Shared Dimer Systems. Inorganic Chemistry, 1999, 38, 5510-5518.	4.0	19

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55	Magnetic Coupling and Intermetallic Electron Transfer in the Heterodinuclear Bioctahedral Complexes MWIIICl9n- (M = VII, CrIII, MnIV):â€‰Tweaking the Balance between Ferromagnetism and Antiferromagnetism. Inorganic Chemistry, 2002, 41, 2341-2347.	4.0	19
56	Activation and cleavage of dinitrogen by three-coordinate metal complexes involving Mo(iii) and Nb(ii/iii). Dalton Transactions, 2004, , 2492.	3.3	19
57	Activation and cleavage of the Nâ€“N bond in side-on bound [L2M-NN-ML2] (L = NH2, NMe2, NiPr2, C5H5,) Tj ETQq1 1 0.784314 rgB 2010, 39, 4529.	3.3	19
58	Iron and Ruthenium Alkynyl Complexes with 2â€Fluorenyl Groups: Some Linear and Nonlinear Optical Absorption Properties. European Journal of Inorganic Chemistry, 2016, 2016, 3868-3882.	2.0	19
59	Investigating CNâ€“cleavage by three-coordinate M[N(R)Ar]3complexes. Dalton Transactions, 2008, , 338-344.	3.3	18
60	Longâ€Range Corrected DFT Calculations of First Hyperpolarizabilities and Excitation Energies of Metal Alkynyl Complexes. ChemPhysChem, 2018, 19, 1537-1546.	2.1	17
61	Metalî—‚metal bonding trends in mixed-group, face-shared d3d3 bioctahedral dimer systems, Mâ€²Mâ€³Cl9nâ^'. Polyhedron, 2002, 21, 1163-1175.	2.2	16
62	A Comparison of N₂ Cleavage in Schrock's Mo[N₃N] and Laplazaâ€“Cummins' Mo[N(R)Ar]₃ Systems. Chemistry - A European Journal, 2009, 15, 646-655.	3.3	16
63	Factors Dictating Carbene Formation at (PNP)Ir. Organometallics, 2010, 29, 4239-4250.	2.3	16
64	What computational chemistry and magnetic resonance reveal concerning the oxygen evolving centre in Photosystem II. Journal of Inorganic Biochemistry, 2016, 162, 178-189.	3.5	16
65	Density Functional Investigation of Metalâ^'Metal Interactions in Mixed-Valence d2d3(Cr, Mo, W) and d3d4(Mn, Tc, Re) Face-Shared [M2Cl9]2-Systems. Inorganic Chemistry, 2004, 43, 6734-6744.	4.0	15
66	Cleavage of CO by Mo[N(R)Ar]3 Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 3736-3741.	2.0	15
67	Quadratic and cubic hyperpolarizabilities of nitro-phenyl/-naphthalenyl/-anthracenyl alkynyl complexes. Dalton Transactions, 2018, 47, 4560-4571.	3.3	15
68	Density Functional Investigation of Metalâ^'Metal Interactions in d4d4Face-Shared [M2Cl9]3-(M = Mn,) Tj ETQq0 0 0 rgBT /Overlock 10	4.0	14
69	Structural and Electronic Models of the Water Oxidizing Complex in the S₀ State of Photosystem II: A Density Functional Study.. Journal of Physical Chemistry B, 2011, 115, 4484-4499.	2.6	14
70	Periodic trends in metalâ€“metal interactions in face-shared [M2Cl9]zâ^'systems. Dalton Transactions, 2006, , 2017-2025.	3.3	13
71	Reactivity of CO2 towards Mo[N(R)Ph]3. Dalton Transactions, 2009, , 9266.	3.3	13
72	Rationalizing the 2.25â€…Ã… Resolution Crystal Structure of the Water Oxidising Complex of Photosystemâ€…II in the S₃ State. ChemPhysChem, 2017, 18, 2924-2931.	2.1	13

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73	Insights into the phenomenon of â€˜bubble-freeâ€™ electrocatalytic oxygen evolution from water. Sustainable Energy and Fuels, 2021, 5, 808-819.	4.9	13
74	Octahedral monomeric molybdenum(III). Molecular Physics, 1990, 69, 11-31.	1.7	12
75	Dissociative and Nondissociative Pathways in theendotoexoIsomerization of Tetramethyl-o-xylylene Complexes of Ruthenium and Osmium, ML3{Î·4-o-C6Me4(CH2)2} (M = Ru, L = PMe3; M = Os, L = PMe3,) Tj ETQq1 1 0.784314 rgBT /Ov Complexes. Organometallics, 1998, 17, 3784-3797.	2.3	12
76	Metalâ€“Metal Interactions in Mixed-Valence [M2Cl9]2-Species:Â Electronic Structure of d1d2(V, Nb, Ta) and d4d5(Fe, Ru, Os) Face-Shared Systems. Inorganic Chemistry, 2005, 44, 5081-5091.	4.0	12
77	Tuning the Laplaza-Cummins 3-coordinate M[N(R)Ph]3 catalyst to activate and cleave CO2. Dalton Transactions, 2011, 40, 5569.	3.3	12
78	Rationalizing the Geometries of the Water Oxidising Complex in the Atomic Resolution, Nominal S 3 State Crystal Structures of Photosystem II. ChemPhysChem, 2020, 21, 785-801.	2.1	12
79	Quantifying the effect of high-spin/low-spin crossover on electron delocalization in d5d5 M2Cl93â€“ (M=Fe, Ru, Os) dimers. Polyhedron, 2002, 21, 1969-1977.	2.2	11
80	Achieving Câ€“N bond cleavage in dinuclear metal cyanide complexes. Dalton Transactions, 2011, 40, 7327.	3.3	11
81	Linear Optical, Quadratic and Cubic Nonlinear Optical, Electrochemical, and Theoretical Studies of â€œRigidâ€Rodâ€•Bisâ€Alkynyl Ruthenium Complexes. ChemPlusChem, 2018, 83, 630-642.	2.8	11
82	Influence of the Ligand on the Coupling between the Metal-Based Electrons in Face-Shared [M2X9]3- (M) Tj ETQq0 0 0 rgBT /Overlock 1	4.0	10
83	Electronic Structure and Metalâ€“Metal Interactions in Trinuclear Face-Shared [M3X12]3â€“ (M = Mo, W; X) Tj ETQq1 1 0.784314 rgBT /O	4.0	10
84	Activation and cleavage of the Nâ€“O bond in dinuclear mixed-metal nitrosyl systems and comparative analysis of carbon monoxide, dinitrogen, and nitric oxideactivation. Dalton Transactions, 2009, , 956-964.	3.3	10
85	Quadratic and Cubic Optical Nonlinearities of Yâ€Shaped and Distortedâ€Hâ€Shaped Arylalkynylruthenium Complexes. Chemistry - A European Journal, 2018, 24, 16332-16341.	3.3	10
86	Theoretical analysis of the [Mn2(Î¼-oxo)2(Î¼-carboxylato)2]+core. Physical Chemistry Chemical Physics, 2004, 6, 4871-4877.	2.8	9
87	Periodic trends in metalâ€“metal bonding in edge-shared [M2Cl10]4â€“ systems. Polyhedron, 2007, 26, 2942-2948.	2.2	9
88	Dinitrogen Activation by Fryzukâ€™s [Nb(P₂N₂)] Complex and Comparison with the Laplazaâ€“Cummins [Mo{N(R)Ar}₃] and Schrock [Mo(N₃N)] Systems. Chemistry - A European Journal, 2009, 15, 11373-11383.	3.3	9
89	Theoretical study of the mechanism for the sequential Nâ€“O and Nâ€“N bond cleavage within N₂O adducts of N-heterocyclic carbenes by a vanadium(<scp>iii</scp>) complex. Dalton Transactions, 2016, 45, 1047-1054.	3.3	9
90	Assignment of Electronic Spectra of the Platinum(III) Dimer Complexes [Pt2(SO4)4(H2O)2]2-and [Pt2(HPO4)4(H2O)2]2-. Inorganic Chemistry, 1997, 36, 937-939.	4.0	8

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91	Ab Initio Modeling of the Effect of Oxidation Coupled with H_nO Deprotonation on Carboxylate Ligands in Mn/Ca Clusters. Journal of Physical Chemistry B, 2014, 118, 3553-3558.	2.6	8
92	Explaining the Different Geometries of the Water Oxidising Complex in the Nominal S₃ State Crystal Structures of Photosystem II at 2.25â€…Ã… and 2.35â€…Ã…. ChemPhysChem, 2018, 19, 3296-3309.	2.1	8
93	Electronic structure and metalâ€“metal bonding in nominal d3d3MIIMIVCl93â¯(MIIÂ= V, Nb, Ta; MIVÂ= Mn, Tc,) Tj ETQq1 1 0.784314 rg	2.3	7
94	Scission of Carbon Monoxide Using TaR₃, R=(N(tBu)Ph) or OSi(tBu)₃: A DFT Investigation. Chemistry - A European Journal, 2010, 16, 8117-8132.	3.3	7
95	Trigonal prismatic metal complexes: a not so rare coordination geometry?. Dalton Transactions, 2016, 45, 9036-9040.	3.3	7
96	Syntheses and Optical Properties of Azoâ€Functionalized Ruthenium Alkynyl Complexes. ChemPlusChem, 2016, 81, 621-628.	2.8	7
97	Deprotonation of Water/Hydroxo Ligands in Clusters Mimicking the Water Oxidizing Complex of PSII and Its Effect on the Vibrational Frequencies of Ligated Carboxylate Groups. Journal of Physical Chemistry B, 2016, 120, 377-385.	2.6	7
98	Sulfur Dioxide Activation: A Theoretical Investigation into Dual Sâ•O Bond Cleavage by Three-Coordinate Molybdenum(III) Complexes. Inorganic Chemistry, 2015, 54, 534-543.	4.0	6
99	Effect of concomitant oxidation and deprotonation of hydrated Mn centres in rationalising the FTIR difference silence of D1-Asp170 in Photosystem II. Journal of Inorganic Biochemistry, 2016, 155, 101-104.	3.5	6
100	Synthesis, Optical, Electrochemical, and Theoretical Studies of Dipolar Ruthenium Alkynyl Complexes with Oligo(phenylenevinylene) Bridges. ChemPlusChem, 2016, 81, 613-620.	2.8	5
101	Factors Affecting Metalâ¯Metal Bonding in the Face-Shared d3d3Bioctahedral Dimer Systems, MMâ€˜Cl95-(M, Mâ€˜ = V, Nb, Ta). Inorganic Chemistry, 2002, 41, 6291-6297.	4.0	4
102	Cl3V(Î¼-S(CH3)2)3VCl32-:â€‰ A First-Row, Face-Shared Bioctahedral Complex with Multiple Metalâ¯Metal Bonding. Inorganic Chemistry, 2003, 42, 4417-4424.	4.0	4
103	Dinitrogen metal complexes with a strongly activated Nâ€“N bond: a computational investigation of [(Cy2N)3Nb-(Î¼-NN)-Nb(NCy2)3] and related [Nb-(Î¼-NN)-Nb] systems. Dalton Transactions, 2012, 41, 13948.	3.3	4
104	NO2bond cleavage by MoL3complexes. Dalton Transactions, 2014, 43, 1620-1629.	3.3	3
105	Organometallic Complexes for Non-Linear Optics. 59. Syntheses and Optical Properties of Some Octupolar (N-Heterocyclic Carbene)gold Complexes. Australian Journal of Chemistry, 2017, 70, 79.	0.9	3
106	The Biomimetic Inspiration for Renewable Hydrogen Fuel Production from Water Oxidation within Artificial Photosynthesis. Australian Journal of Chemistry, 2012, 65, 597.	0.9	2
107	Syntheses of Ir4(CO)6(Î·5-C5Me4H)2and Ir7(Î¼3-CO)3(CO)12(Î·5-C5Me5) from Pentametallic Molybdenum-Iridium Cluster Precursors. European Journal of Inorganic Chemistry, 2015, 2015, 2587-2591.	2.0	2
108	Metalâ€“Metal Bonding in Trinuclear, Mixed-Valence [Ti₃X₁₂]^{4â€“} (X =) Tj ETQq0 0 0 rgBT /Over	4.0	2

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109	Vibrational intensities in the mobile block Hessian approximation. Physical Chemistry Chemical Physics, 2017, 19, 6654-6664.	2.8	2
110	Electronic structure modelling of the edge-functionalisation of graphene by MnxOy particles. Physical Chemistry Chemical Physics, 2021, 23, 514-527.	2.8	2
111	Interaction of graphene, MnO , and Ca2+ for enhanced biomimetic, â€˜bubble-freeâ€™ oxygen evolution reaction at mild pH. International Journal of Hydrogen Energy, 2021, 46, 28397-28405.	7.1	1
112	Towards a computational understanding of water oxidation at graphene-bound Mn_xO_y and Mn_xO_yM²⁺ particles. Sustainable Energy and Fuels, 0, , .	4.9	0