

# Yu Gong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6628980/publications.pdf>

Version: 2024-02-01

106  
papers

1,920  
citations

279701

23  
h-index

330025

37  
g-index

111  
all docs

111  
docs citations

111  
times ranked

1177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic and Theoretical Studies of Transition Metal Oxides and Dioxygen Complexes. <i>Chemical Reviews</i> , 2009, 109, 6765-6808.	23.0	351
2	Formation and Characterization of the Iridium Tetroxide Molecule with Iridium in the Oxidation State +VIII. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7879-7883.	7.2	64
3	Postsynthesis Modification of a Metallosalen-Containing Metal-Organic Framework for Selective Th(IV)/Ln(III) Separation. <i>Inorganic Chemistry</i> , 2017, 56, 12357-12361.	1.9	53
4	Matrix Infrared Spectra and Theoretical Studies of Thorium Oxide Species: ThO <sub>x</sub> and Th <sub>2</sub> O <sub>y</sub> . <i>Journal of Physical Chemistry A</i> , 2011, 115, 14407-14416.	1.1	47
5	Formation and Characterization of the Tetranuclear Scandium Nitride: Sc <sub>4</sub> N <sub>4</sub> . <i>Journal of Physical Chemistry A</i> , 2007, 111, 6204-6207.	1.1	39
6	Formation and Characterization of the Oxygen-Rich Scandium Oxide/Dioxygen Complexes ScO <sub>n</sub> (n = 4, 6). <i>Journal of Physical Chemistry A</i> , 2007, 111, 12001-12006.	1.1	38
7	Formation and Characterization of the Photochemically Interconvertible Side-On and End-On Bonded Dioxygen-Iron Dioxide Complexes in Solid Argon. <i>Journal of Physical Chemistry A</i> , 2007, 111, 12001-12006.	1.1	36
8	Matrix Isolation Infrared Spectroscopic and Theoretical Study of Group IV Metal Oxide Clusters: M <sub>2</sub> O <sub>2</sub> and M <sub>2</sub> O <sub>4</sub> . <i>Journal of Physical Chemistry A</i> , 2007, 111, 3534-3539.	1.1	34
9	A Tetrapositive Metal Ion in the Gas Phase: Thorium(IV) Coordinated by Neutral Tridentate Ligands. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6885-6888.	7.2	34
10	Experimental and Theoretical Studies on the Fragmentation of Gas-Phase Uranyl, Neptunyl, and Plutonyl Diglycolamide Complexes. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10544-10550.	1.1	33
11	Infrared Spectroscopic and Theoretical Investigations of the OUF <sub>2</sub> and OThF <sub>2</sub> Molecules with Triple Oxo Bond Character. <i>Inorganic Chemistry</i> , 2012, 51, 6983-6991.	1.9	31
12	Interconvertible Side-On- and End-On-Bonded Oxo-Superoxo Titanium Ozonide Complexes. <i>Journal of Physical Chemistry A</i> , 2007, 111, 6127-6130.	1.1	30
13	Synthesis and Hydrolysis of Uranyl, Neptunyl, and Plutonyl Gas-Phase Complexes Exhibiting Discrete Actinide-Carbon Bonds. <i>Organometallics</i> , 2016, 35, 1228-1240.	1.1	30
14	Formation and Characterization of the Oxygen-Rich Hafnium Dioxygen Complexes: OHf(O) <sub>2</sub> (O) <sub>2</sub> , Hf(O) <sub>2</sub> (O) <sub>2</sub> (O) <sub>3</sub> , and Hf(O) <sub>2</sub> (O) <sub>2</sub> (O) <sub>4</sub> . <i>Journal of Physical Chemistry A</i> , 2007, 111, 8973-8979.	1.1	29
15	Matrix Infrared Spectra and Density Functional Calculations of TiO <sub>3</sub> and TiO <sub>5</sub> in Solid Argon. <i>Journal of Physical Chemistry A</i> , 2008, 112, 9758-9762.	1.1	27
16	Formation and Characterization of Mononuclear and Dinuclear Manganese Oxide-Dioxygen Complexes in Solid Argon. <i>Journal of Physical Chemistry A</i> , 2008, 112, 4936-4941.	1.1	26
17	Reactions of laser-ablated U atoms with (CN) <sub>2</sub> : infrared spectra and electronic structure calculations of U(CN) <sub>2</sub> and U(CN) <sub>4</sub> in solid argon. <i>Chemical Communications</i> , 2015, 51, 3899-3902.	2.2	26
18	Reactions of Lanthanide Atoms with Oxygen Difluoride and the Role of the Ln Oxidation State. <i>Inorganic Chemistry</i> , 2014, 53, 446-456.	1.9	25

#	ARTICLE	IF	CITATIONS
19	Activation of Gas-Phase Uranyl: From an Oxo to a Nitrido Complex. <i>Journal of Physical Chemistry A</i> , 2014, 118, 325-330.	1.1	25
20	Infrared Spectra of Oxygen-Rich Yttrium and Lanthanum Dioxide/Ozonide Complexes in Solid Argon. <i>Journal of Physical Chemistry A</i> , 2009, 113, 8569-8576.	1.1	24
21	Infrared spectroscopic and theoretical studies of the OTiF <sub>2</sub> , OZrF <sub>2</sub> and OHfF <sub>2</sub> molecules with terminal oxo ligands. <i>Dalton Transactions</i> , 2012, 41, 11706.	1.6	24
22	Spectroscopic Observation of a Group 12 Oxyfluoride: A Matrix Isolation and Quantum Chemical Investigation of Mercury Oxyfluorides. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8235-8238.	7.2	24
23	Gas-Phase Reactions of Molecular Oxygen with Uranyl(V) Anionic Complexes: Synthesis and Characterization of New Superoxides of Uranyl(VI). <i>Journal of Physical Chemistry A</i> , 2015, 119, 3628-3635.	1.1	23
24	Electrochemical behavior of Th(IV) and its electrodeposition from ThF <sub>4</sub> -LiCl-KCl melt. <i>Electrochimica Acta</i> , 2016, 196, 286-293.	2.6	23
25	Dissociation of Diglycolamide Complexes of Ln <sup>3+</sup> (Ln = La–Lu) and An <sup>3+</sup> (An = Tj, ET, Qq, 1, 0.784314, rg, B). <i>Inorganic Chemistry</i> , 2014, 53, 12135-12140.	1.9	21
26	Detection and Electronic Structure of Naked Actinide Complexes: Rhombic-Ring (AnN) <sub>2</sub> Molecules Stabilized by Delocalized $\pi$ -Bonding. <i>Journal of the American Chemical Society</i> , 2016, 138, 893-905.	6.6	20
27	Formation and Characterization of Homoleptic Thorium Isocyanide Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 5060-5068.	1.9	20
28	Infrared Spectra of Transition-Metal Dioxide Anions: MO <sub>2</sub> <sup>-</sup> (M = Rh, Ir, Pt, Au) in Solid Argon. <i>Journal of Physical Chemistry A</i> , 2009, 113, 4990-4995.	1.1	19
29	Synthesis and Structures of Plutonyl Nitrate Complexes: Is Plutonium Heptavalent in PuO <sub>3</sub> (NO <sub>3</sub> ) <sub>2</sub> <sup>-</sup> ? <i>Inorganic Chemistry</i> , 2015, 54, 2367-2373.	1.9	19
30	Matrix Isolation Infrared Spectroscopic and Theoretical Study of Dinuclear Chromium Oxide Clusters: Cr <sub>2</sub> O <sub>n</sub> (n = 2, 4, 6) in Solid Argon. <i>Journal of Physical Chemistry A</i> , 2007, 111, 9775-9780.	1.1	18
31	Formation and Characterization of the Uranyl-SO <sub>2</sub> Complex, UO <sub>2</sub> (CH <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> . <i>Journal of Physical Chemistry A</i> , 2013, 117, 783-787.	1.1	18
32	Electrochemical separation of uranium from lanthanide (La, Eu, Gd) fluorides in molten LiCl-KCl. <i>Separation and Purification Technology</i> , 2020, 235, 116227.	3.9	18
33	Spectroscopic Characterization of a Copper(III) Trisuperoxide Complex Bearing Both Side-On and End-On Ligands. <i>Journal of Physical Chemistry A</i> , 2009, 113, 5355-5359.	1.1	17
34	Formation and characterization of the CuO <sub>5</sub> , CuO <sub>4</sub> and CuO <sub>4</sub> <sup>-</sup> complexes in solid argon. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 8714.	1.3	17
35	Is rhodium tetroxide in the formal oxidation state VIII stable? a quantum chemical and matrix isolation investigation of rhodium oxides. <i>Theoretical Chemistry Accounts</i> , 2011, 129, 667-676.	0.5	16
36	Tetrapositive Plutonium, Neptunium, Uranium, and Thorium Coordination Complexes: Chemistry Revealed by Electron Transfer and Collision Induced Dissociation. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2749-2755.	1.1	16

#	ARTICLE	IF	CITATIONS
37	Formation and Characterization of Two FeO <sub>3</sub> Isomers in Solid Argon. <i>Journal of Physical Chemistry A</i> , 2008, 112, 10838-10842.	1.1	14
38	Reactions of Late Lanthanide Metal Atoms and Methanol in Solid Argon: A Matrix Isolation Infrared Spectroscopic and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2011, 115, 14581-14592.	1.1	14
39	Matrix Infrared Spectroscopic and Theoretical Investigations of Uranium Atom and Methanol Reaction Products. <i>Inorganic Chemistry</i> , 2011, 50, 7099-7105.	1.9	14
40	Electrochemical behavior and electrowinning of uranium(IV) from FLiNaK molten salt. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 1891-1897.	0.7	14
41	Infrared Spectroscopic and Theoretical Studies of Group 3 Metal Isocyanide Molecules. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7099-7106.	1.1	14
42	Side-On Sulfur Monoxide Complexes of Tantalum, Niobium, and Vanadium Oxyfluorides. <i>Inorganic Chemistry</i> , 2019, 58, 3807-3814.	1.9	14
43	Matrix Isolation Infrared Spectroscopic and Theoretical Study of the Hydrolysis of Boron Dioxide in Solid Argon. <i>Journal of Physical Chemistry A</i> , 2008, 112, 5670-5675.	1.1	13
44	Matrix infrared spectroscopic and density functional theoretical investigations on thorium and uranium atom reactions with dimethyl ether. <i>Dalton Transactions</i> , 2011, 40, 11106.	1.6	13
45	The evaporation behaviors of rare-earth-doped FLiNaK melts during low-pressure distillation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 637-642.	0.7	13
46	Coordination Structures of the Uranyl(VI)â€“Diamide Complexes: A Combined Mass Spectrometric, EXAFS Spectroscopic, and Theoretical Study. <i>Inorganic Chemistry</i> , 2019, 58, 5695-5702.	1.9	13
47	A Simple Molten Salt Route to Crystalline Î²-MoB <sub>2</sub> Nanosheets with High Activity for the Hydrogen Evolution Reaction. <i>Inorganic Chemistry</i> , 2021, 60, 18075-18081.	1.9	13
48	Laser-Ablated U Atom Reactions with (CN) <sub>2</sub> to Form UNC, U(NC) <sub>2</sub> , and U(NC) <sub>4</sub> : Matrix Infrared Spectra and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2018, 122, 516-528.	1.1	12
49	Electrochemical deposition of neodymium in LiF-CaF <sub>2</sub> from Nd <sub>2</sub> O <sub>3</sub> assisted by AlF <sub>3</sub> . <i>Electrochimica Acta</i> , 2018, 261, 289-295.	2.6	12
50	Electrochemical Behavior of UO <sub>2</sub> F <sub>2</sub> and Its Electrodeposition from UO <sub>2</sub> F <sub>2</sub> -FLiNaK Melt. <i>Journal of the Electrochemical Society</i> , 2018, 165, D301-D306.	1.3	12
51	Efficient Removal of Azo-Dyes in Aqueous Solution by CeB <sub>6</sub> Nanocrystals. <i>ACS Applied Nano Materials</i> , 2019, 2, 5704-5712.	2.4	12
52	Raman Spectroscopic and Theoretical Study of Scandium Fluoride and Oxyfluoride Anions in Molten FLiNaK. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6671-6678.	1.2	12
53	Methane to Methanol Conversion Induced by Thorium Oxide through the CH <sub>3</sub> Th(O)H Intermediate in Solid Argon. <i>Inorganic Chemistry</i> , 2012, 51, 11055-11060.	1.9	11
54	Formation of Metal Oxyfluorides from Specific Metal Reactions with Oxygen Difluoride: Infrared Spectroscopic and Theoretical Investigations of the OScF <sub>2</sub> Radical and OScF with Terminal Single and Triple Sc-ÏƒO Bonds. <i>Chemistry - A European Journal</i> , 2012, 18, 12446-12451.	1.7	11

#	ARTICLE	IF	CITATIONS
55	Matrix Infrared Spectroscopic and Theoretical of the Difluoroamino Metal Fluoride Molecules: F2NMF (M = Cu, Ag, Au). <i>Inorganic Chemistry</i> , 2012, 51, 667-673.	1.9	11
56	Insights into the Coordination and Extraction of Yttrium(III) Ions with a Phenoxyacetic Acid Ionic-Liquid Extractant. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2332-2339.	1.0	11
57	Oxygen radical character in group 11 oxygen fluorides. <i>Nature Communications</i> , 2018, 9, 1267.	5.8	11
58	Infrared Spectrum of the CH <sub>3</sub> OCH <sub>2</sub> Radical in Solid Argon. <i>Journal of Physical Chemistry A</i> , 2011, 115, 3029-3033.	1.1	10
59	Reactions of Group 3 Metals with OF <sub>2</sub> : Infrared Spectroscopic and Theoretical Investigations of the Group 3 Oxydifluoride OMF <sub>2</sub> and Oxyfluoride OMF Molecules. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10115-10121.	1.1	10
60	Reactions of Laser-Ablated U Atoms with HCN: Infrared Spectra in Solid Argon and Quantum Chemical Calculations for HUNC. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2974-2981.	1.0	10
61	Reactions of Laser-Ablated Aluminum Atoms with Cyanogen: Matrix Infrared Spectra and Electronic Structure Calculations for Aluminum Isocyanides Al(NC) <sub>1,2,3</sub> and Their Novel Dimers. <i>Journal of Physical Chemistry A</i> , 2018, 122, 5342-5353.	1.1	10
62	Electrochemical and Raman Spectroscopic Investigations on the Speciation and Behavior of Chromium Ions in Fluoride Doped Molten LiCl-KCl. <i>Journal of the Electrochemical Society</i> , 2019, 166, H463-H467.	1.3	10
63	On the Structures of Thorium Fluoride and Oxyfluoride Anions in Molten FLiBe and FLiNaK. <i>Journal of Physical Chemistry B</i> , 2021, 125, 1640-1646.	1.2	10
64	The Electrolytic Reduction of Gd <sub>2</sub> O <sub>3</sub> in LiCl-KCl-Li <sub>2</sub> O Molten Salt. <i>Journal of the Electrochemical Society</i> , 2021, 168, 082512.	1.3	10
65	Formation and Characterization of ZrO <sub>3</sub> and HfO <sub>3</sub> Molecules in Solid Argon. <i>Chinese Journal of Chemical Physics</i> , 2009, 22, 113-118.	0.6	9
66	Water Adsorption on Platinum Dioxide and Dioxygen Complex: Matrix Isolation Infrared Spectroscopic and Theoretical Study of Three PtO <sub>2</sub> •H <sub>2</sub> O Complexes. <i>ChemPhysChem</i> , 2010, 11, 1888-1894.	1.0	9
67	Formation and Fragmentation Chemistry of Tripositive Ln(TMGA) <sub>3</sub> <sup>+3</sup> Complexes in the Gas Phase. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1696-1701.	1.2	9
68	Heptavalent Actinide Tetroxides NpO <sub>4</sub> <sup>+</sup> and PuO <sub>4</sub> <sup>+</sup> : Oxidation of Pu(V) to Pu(VII) by Adding an Electron to PuO <sub>4</sub> . <i>Journal of Physical Chemistry A</i> , 2017, 121, 9156-9162.	1.1	9
69	Formation and Characterization of Zr <sup>+4</sup> Stabilized by Neutral Tridentate Ligands in the Gas Phase. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 2327-2332.	1.2	9
70	Sulfur Dioxide Complexes of Main-Group Elements: from SO <sub>2</sub> <sup>0</sup> to SO <sub>2</sub> <sup>+</sup> and SO <sub>2</sub> <sup>2+</sup> upon Coordination to Aluminum and Silicon Difluorides. <i>Inorganic Chemistry</i> , 2020, 59, 4703-4710.	1.9	9
71	Mass spectrometric and theoretical study on the formation of uranyl hydride from uranyl carboxylate. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 20073-20079.	1.3	9
72	Electrochemical Behavior of Graphite Anode in LiF-NaF-KF Eutectic with YF <sub>3</sub> . <i>Electrochimica Acta</i> , 2017, 225, 392-398.	2.6	8

#	ARTICLE	IF	CITATIONS
73	Infrared Spectroscopic and Theoretical Studies on the $\text{OMF}_2$ and $\text{OMF}$ ( $M = \text{Cr}, \text{Mo}, \text{W}$ ) Molecules in Solid Argon. <i>Journal of Physical Chemistry A</i> , 2017, 121, 7603-7612.	1.1	8
74	Coordination Structure and Fragmentation Chemistry of the Tripositive Lanthanide-Thio-Diglycolamide Complexes. <i>Journal of Physical Chemistry A</i> , 2017, 121, 9429-9434.	1.1	8
75	Electrochemical behaviors and electrolytic separation of Th(IV) and Ce(III) in $\text{ThF}_4\text{-CeF}_3\text{-LiCl-KCl}$ quaternary melt. <i>Separation and Purification Technology</i> , 2019, 210, 236-241.	3.9	8
76	Bidentate Sulfur Dioxide Complexes of Scandium, Yttrium, and Lanthanum Difluorides. <i>Inorganic Chemistry</i> , 2019, 58, 5281-5288.	1.9	8
77	Infrared Spectra of the $\text{SO}_2\text{F}_2$ Anion in Solid Argon and Neon. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7723-7729.	1.1	7
78	Complexation of $\text{Ln}^{3+}$ with Pyridine-2,6-dicarboxamide: Formation of the 1:2 Complexes in Solution and Gas Phase. <i>Inorganic Chemistry</i> , 2020, 59, 14486-14492.	1.9	7
79	Molten salt synthesis of samarium borides with controllable stoichiometry and morphology. <i>Journal of Alloys and Compounds</i> , 2021, 867, 159174.	2.8	7
80	Discrimination and quantitation of halobenzoic acid positional isomers upon $\text{Th}(\text{IV})$ coordination by mass spectrometry. <i>Chemical Communications</i> , 2022, 58, 2658-2661.	2.2	7
81	Infrared Spectroscopic and Theoretical Studies of the 3d Transition Metal Oxyfluoride Molecules. <i>Inorganic Chemistry</i> , 2019, 58, 9796-9810.	1.9	6
82	Side-On $\text{OMoF}_2(\text{I}^2\text{-SO})$ and $\text{OWF}_2(\text{I}^2\text{-SO})$ Complexes Featuring Peroxo-Like Sulfur Monoxide Ligand. <i>Inorganic Chemistry</i> , 2019, 58, 15652-15658.	1.9	6
83	The oxidation of $\text{UF}_4$ in $\text{FLiNaK}$ melt and its electrolysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 319, 899-906.	0.7	6
84	End-On Cyanogen Complexes of Iridium, Palladium, and Platinum. <i>Inorganic Chemistry</i> , 2020, 59, 6489-6495.	1.9	6
85	Inhibition effect of $\text{ZrF}_4$ on $\text{UO}_2$ precipitation in the $\text{LiF-BeF}_2$ molten salt. <i>RSC Advances</i> , 2021, 11, 18708-18716.	1.7	6
86	Matrix Infrared Spectra of Manganese and Iron Isocyanide Complexes. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8835-8842.	1.1	5
87	Study on the Electrochemical Co-Reduction of Gd(III) and Al(III) in $\text{LiF-CaF}_2$ Melt. <i>Journal of the Electrochemical Society</i> , 2018, 165, D411-D416.	1.3	5
88	Tetrapositive Hafnium-Diamide Complexes in the Gas Phase: Formation, Structure and Reaction. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2623-2631.	1.2	5
89	Sulfur-substituted uranyl stabilized by fluoride ligands: matrix preparation of $\text{U}(\text{O})(\text{S})\text{F}_2$ via oxidation of $\text{U}(\text{O})$ by $\text{SOF}_2$ . <i>Chemical Communications</i> , 2020, 56, 6782-6785.	2.2	5
90	Gas-phase synthesis and structure of thorium benzyne complexes. <i>Chemical Communications</i> , 2022, 58, 7018-7021.	2.2	5

#	ARTICLE	IF	CITATIONS
91	Matrix Infrared Spectroscopic and Theoretical Studies on the Reactions of Scandium, Yttrium, and Lanthanide Metal Atoms with Dimethyl Ether. <i>Journal of Physical Chemistry A</i> , 2011, 115, 11624-11631.	1.1	4
92	Electrospray production and collisional dissociation of lanthanide/methylsulfonyl anion complexes: Sulfur dioxide anion as a ligand. <i>International Journal of Mass Spectrometry</i> , 2015, 392, 45-52.	0.7	4
93	Bidentate $\text{SO}_2$ Complexes of Zirconium and Hafnium Difluorides with Highly Activated S=O Bonds. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9567-9572.	1.1	4
94	End-On Oxygen-Bound Sulfur Monoxide Complex of Titanium Oxyfluoride. <i>Inorganic Chemistry</i> , 2019, 58, 11801-11806.	1.9	4
95	Vanadium, niobium and tantalum complexes with terminal sulfur radical ligands. <i>Dalton Transactions</i> , 2021, 50, 11300-11306.	1.6	4
96	Formation of Cerium and Neodymium Isocyanides in the Reactions of Cyanogen with Ce and Nd Atoms in Argon Matrices. <i>Journal of Physical Chemistry A</i> , 2019, 123, 8208-8219.	1.1	3
97	Communication—Electrochemical Behavior of $\text{UO}_2^{2+}$ and Its Electrodeposition from $\text{UO}_2\text{F}_2\text{-FLiBe}$ Melt. <i>Journal of the Electrochemical Society</i> , 2019, 166, D189-D191.	1.3	3
98	Synthesis of a dinuclear europium( $\text{III}$ ) complex through deprotonation and oxygen-atom transfer of trimethylamine N-oxide. <i>Dalton Transactions</i> , 2019, 48, 17158-17162.	1.6	3
99	Photoluminescence of $\text{LaI}_3$ switched on and off by association and dissociation of non-luminescent tetrahydrofuran. <i>Dalton Transactions</i> , 2021, 50, 3797-3800.	1.6	3
100	HMNTA Complexes of Tetravalent Metal Ions: On the Roles of Carbonyl Oxygen and Amine Nitrogen in the Stabilization of Gas-Phase $\text{M}(\text{HMNTA})_2^{4+}$ Complexes. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 700-706.	1.2	2
101	Preparation of group 3 metal sulfur monoxide complexes via oxidation of metal atoms by $\text{SOF}_2$ in cryogenic matrixes. <i>European Journal of Inorganic Chemistry</i> , 0, , .	1.0	2
102	Carbon—sulfur bond strength in methanesulfinate and benzenesulfinate ligands directs decomposition of $\text{Np}(\text{V})$ and $\text{Pu}(\text{V})$ coordination complexes. <i>Dalton Transactions</i> , 2020, 49, 3293-3303.	1.6	1
103	Influence of Fluoride Ions on the Speciation and Electrochemical Behavior of Th(IV) in Molten $\text{LiCl-KCl}$ with a Copper Electrode. <i>Journal of the Electrochemical Society</i> , 2021, 168, 026516.	1.3	1
104	Innentitelbild: Formation and Characterization of the Iridium Tetroxide Molecule with Iridium in the Oxidation State +VIII (Angew. Chem. 42/2009). <i>Angewandte Chemie</i> , 2009, 121, 7844-7844.	1.6	0
105	Inside Cover: Formation and Characterization of the Iridium Tetroxide Molecule with Iridium in the Oxidation State +VIII (Angew. Chem. Int. Ed. 42/2009). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7708-7708.	7.2	0
106	Oxo-sulfido molybdenum and tungsten fluorides with M=O and M=S multiple bonds. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 19760-19765.	1.3	0