

# Ivan V Smolyaninov

## List of Publications by Year in descending order

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citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	New morpholine- and piperazine-functionalized triphenylantimony(V) catecholates: The spectroscopic and electrochemical studies. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1215-1224.	0.8	50
2	Radical scavenging activity of sterically hindered catecholate and o-amidophenolate complexes of LSbVPh <sub>3</sub> type. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2611-2620.	0.8	34
3	Cobalt complexes with hemilabile o-iminobenzoquinonate ligands: a novel example of redox-induced electron transfer. <i>Dalton Transactions</i> , 2018, 47, 15049-15060.	1.6	33
4	Antimony(V) catecholato complexes based on 4,5-dialkylsubstituted o-benzoquinone. The spectroscopic and electrochemical studies. Crystal structure of [Ph <sub>4</sub> Sb] <sup>+</sup> [Ph <sub>2</sub> Sb(4,5-Cat) <sub>2</sub> ] <sup>-</sup> . <i>Journal of Organometallic Chemistry</i> , 2010, 695, 530-536.	0.8	32
5	The influence of some triphenylantimony(V) catecholates and o-amidophenolates on lipid peroxidation in vitro. <i>Applied Organometallic Chemistry</i> , 2012, 26, 277-283.	1.7	25
6	Tin(IV) and Antimony(V) Complexes Bearing Catecholate Ligands Connected to Ferrocene - Syntheses, Molecular Structures, and Electrochemical Properties. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5230-5241.	1.0	25
7	Catechol thioethers with physiologically active fragments: Electrochemistry, antioxidant and cryoprotective activities. <i>Bioorganic Chemistry</i> , 2019, 89, 103003.	2.0	23
8	Tin(IV) and lead(IV) complexes with a tetradentate redox-active ligand. <i>Dalton Transactions</i> , 2012, 41, 10970.	1.6	22
9	Triarylantimony(V) catecholates – Derivatives of 4,5-difluoro-3,6-di-tert-butyl-o-benzoquinone. <i>Journal of Organometallic Chemistry</i> , 2016, 824, 1-6.	0.8	22
10	Pentacoordinated chloro-bis-o-iminosemiquinonato Mn and Fe complexes. <i>Journal of Molecular Structure</i> , 2018, 1165, 51-61.	1.8	20
11	Tetrahedral nickel(II) and cobalt(II) bis-o-iminobenzosemiquinonates. <i>Dalton Transactions</i> , 2019, 48, 10723-10732.	1.6	20
12	The influence of triphenylantimony(V) catecholate and its spiroendoperoxide on lipid peroxidation. <i>Applied Organometallic Chemistry</i> , 2014, 28, 274-279.	1.7	19
13	Compactly Fused o-Quinone-Extended Tetrathiafulvalene-Quinone Triad – a Redox-Amphoteric Ligand. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4571-4576.	1.2	19
14	The chemical and electrochemical reduction of heteroligand o-semiquinonato-formazanato cobalt complexes. <i>Inorganica Chimica Acta</i> , 2019, 489, 1-7.	1.2	19
15	3,6-Di-tert-butylcatecholates of trialkyl/triarylantimony(V). <i>Journal of Organometallic Chemistry</i> , 2018, 867, 238-245.	0.8	18
16	Triphenylantimony(V) 6-alkoxymethyl-3,5-di-tert-butylcatecholates. Structure and redox-properties. <i>Journal of Organometallic Chemistry</i> , 2018, 873, 57-65.	0.8	17
17	Ferrocene-Containing Tin(IV) Complexes Based on o-Benzoquinone and o-Iminobenzoquinone Ligands. Synthesis, Molecular Structure, and Electrochemical Properties. <i>Inorganic Chemistry</i> , 2020, 59, 6774-6784.	1.9	16
18	Copper(II) complexes bearing o-iminosemiquinonate ligands with augmented aromatic substituents. <i>Polyhedron</i> , 2016, 119, 286-292.	1.0	15

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19	Electrochemical transformations and anti/prooxidant activity of sterically hindered o-benzoquinones. Russian Chemical Bulletin, 2017, 66, 1217-1229.	0.4	14
20	Electrochemical behavior and anti/prooxidant activity of thioethers with redox-active catechol moiety. Monatshefte für Chemie, 2018, 149, 1813-1826.	0.9	13
21	Electrochemical transformations and antiradical activity of asymmetrical RS-substituted pyrocatechols. Russian Chemical Bulletin, 2018, 67, 1857-1867.	0.4	12
22	Triphenylantimony(V) catecholato complexes with 4-(2,6-dimethylphenyliminomethyl)pyridine. Structure, redox properties: The influence of pyridine ligand. Journal of Organometallic Chemistry, 2019, 897, 32-41.	0.8	11
23	Anti- and prooxidant activity of triphenylantimony(V) catecholates derived from alkyl gallates. Russian Chemical Bulletin, 2015, 64, 2223-2231.	0.4	10
24	Synthesis and antioxidant activity of sterically hindered bis-pyrocatechol thioethers. Russian Chemical Bulletin, 2016, 65, 2861-2867.	0.4	10
25	Polyfunctional Sterically Hindered Catechols with Additional Phenolic Group and Their Triphenylantimony(V) Catecholates: Synthesis, Structure, and Redox Properties. Molecules, 2020, 25, 1770.	1.7	10
26	Synthesis and Antioxidant Activity of New Catechol Thioethers with the Methylene Linker. Molecules, 2022, 27, 3169.	1.7	10
27	Penta- and hexacoordinate antimony(V) compounds with the tridentate O,N,O-donor ligand: Electrochemical transformations and antiradical activity. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2014, 40, 726-739.	0.3	9
28	Catechol- and Phenol-Containing Thio Schiff Bases: Synthesis, Electrochemical Properties and Biological Evaluation. ChemistrySelect, 2021, 6, 10609-10618.	0.7	9
29	Alkylation of Catechol with Benzhydrol: Unusual Regioselectivity in the Synthesis of Quinones and Catechols. Asian Journal of Organic Chemistry, 2015, 4, 446-451.	1.3	8
30	Substituted o-Aminophenols as Redox-Mediators in the Thiol Oxidation to Unsymmetrical Disulfides. Journal of the Electrochemical Society, 2021, 168, 055501.	1.3	8
31	Complexes of Metal Halides with Unreduced (lmino)quinones. Inorganic Chemistry, 2021, 60, 12309-12322.	1.9	8
32	Nickel(II) derivatives based on o-aminobenzoquinone-type ligands: Structural modifications, magnetism and electrochemical peculiarities. Polyhedron, 2020, 186, 114610.	1.0	7
33	Triphenylantimony(V) Catecholates of the Type (3-RS-4,6-DBCat)SbPh <sub>3</sub> -Catechol Thioether Derivatives: Structure, Electrochemical Properties, and Antiradical Activity. Molecules, 2021, 26, 2171.	1.7	6
34	Redox transformations of triphenylantimony(V) catecholato complexes based on alkyl gallates. Russian Journal of Electrochemistry, 2015, 51, 1021-1028.	0.3	4
35	Chromium(III) and indium(III) 3,6-di-tert-butyl-o-semiquinolato complexes as redox mediators of hydrogen sulfide oxidation in reactions with cycloalkanes. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2017, 43, 578-582.	0.3	4
36	Syntheses, structures, and electrochemical properties of the tin(IV) complexes based on the 2-hydroxy-4-N-(phenyl)-3,6-di-tert-butyl-p-aminobenzoquinone ligand. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2017, 43, 816-827.	0.3	4

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37	New One-Pot Synthesis of Catechol Thioethers Based on H <sub>2</sub> S and Unsaturated Hydrocarbons. ChemistrySelect, 2020, 5, 14515-14519.	0.7	4
38	Heterometallic antimony(V)-zinc and antimony(V)-copper complexes comprising catecholate and diazadiene as redox active centers. Journal of Organometallic Chemistry, 2021, 952, 121994.	0.8	2