

Anastasios D Keramidas

List of Publications by Year in descending order

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79
papers

1,955
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201674

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265206

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docs citations

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times ranked

1935
citing authors

#	ARTICLE	IF	CITATIONS
1	Four electron selective O ₂ reduction by a tetranuclear vanadium(IV/V)/hydroquinonate catalyst: application in the operation of Zn–air batteries. <i>New Journal of Chemistry</i> , 2022, 46, 470-479.	2.8	6
2	Acid/base responsive assembly/dis-assembly of a family of zirconium(IV) clusters with a cyclic imide-dioxime ligand. <i>Dalton Transactions</i> , 2022, 51, 1806-1818.	3.3	1
3	Novel Zinc and Vanadium (V) Hydroquinonate Complexes: Synthesis and Biological Solution Evaluation. <i>Journal of Molecular Structure</i> , 2022, 1257, 132582.	3.6	3
4	Binuclear V(IV), Mo(VI) and Zn(II) - hydroquinonate complexes: Synthesis, stability, oxidative activity and anticancer properties. <i>Journal of Inorganic Biochemistry</i> , 2022, 235, 111911.	3.5	2
5	Synthesis, structural and physicochemical properties of a series of manganese(II) complexes with a novel N5 tripodal-amidate ligand and their potential use as water oxidation catalysts. <i>Polyhedron</i> , 2021, 204, 115260.	2.2	2
6	Synthesis, Structural and Physicochemical Characterization of a Titanium(IV) Compound with the Hydroxamate Ligand N,2-Dihydroxybenzamide. <i>Molecules</i> , 2021, 26, 5588.	3.8	2
7	Vanadium(V) Complexes with Siderophore Vitamin E-Hydroxylamino-Triazine Ligands. <i>Inorganics</i> , 2021, 9, 73.	2.7	5
8	Photoelectrocatalytic production of hydrogen peroxide using a photo(catalytic) fuel cell. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 389, 112210.	3.9	10
9	Electrocatalytic hydrogen production by dinuclear cobalt(II) compounds containing redox-active diamidate ligands: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2020, 49, 15718-15730.	3.3	10
10	Synthesis, Structural, and Physicochemical Characterization of a Ti ₆ and a Unique Type of Zr ₆ Oxo Clusters Bearing an Electron-Rich Unsymmetrical {OON} Catecholate/Oxime Ligand and Exhibiting Metalloaromaticity. <i>Inorganic Chemistry</i> , 2020, 59, 18345-18357.	4.0	7
11	Synthesis of vitamin E and aliphatic lipid vanadium(IV) and (V) complexes, and their cytotoxic properties. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111074.	3.5	13
12	Use of Chalcogenide-Semiconductor-Sensitized Titania to Directly Charge a Vanadium Redox Battery. <i>Nanomaterials</i> , 2020, 10, 1137.	4.1	2
13	Controlled one pot synthesis of polyoxofluorovanadate molecular hybrids exhibiting peroxidase like activity. <i>New Journal of Chemistry</i> , 2019, 43, 17595-17602.	2.8	4
14	EPR Methods Applied on Food Analysis. , 2019, , .		5
15	Synthesis, structural and physicochemical characterization of a new type Ti ₆ -oxo cluster protected by a cyclic imide dioxime ligand. <i>Dalton Transactions</i> , 2019, 48, 5551-5559.	3.3	15
16	Geographical discrimination of pine and fir honeys using multivariate analyses of major and minor honey components identified by ¹ H NMR and HPLC along with physicochemical data. <i>European Food Research and Technology</i> , 2018, 244, 1249-1259.	3.3	38
17	Recurrent supramolecular motifs in discrete complexes and coordination polymers based on mercury halides: prevalence of chelate ring stacking and substituent effects. <i>CrystEngComm</i> , 2018, 20, 1065-1076.	2.6	39
18	Design and Assembly of Covalently Functionalised Polyoxofluorovanadate Molecular Hybrids. <i>Chemistry - A European Journal</i> , 2018, 24, 3836-3845.	3.3	9

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19	Investigation of dioxygen activation by copper(II) iminate/aminato complexes. Dalton Transactions, 2018, 47, 16242-16254.	3.3	8
20	On the importance of Pb-X (X = O, N, S, Br) tetrel bonding interactions in a series of tetra- and hexa-coordinated Pb(II) compounds. CrystEngComm, 2018, 20, 5033-5044.	2.6	41
21	Structural characterization, hydrolytic stability and dynamics of cis-MoVIO ₂ + hydroquinonate/phenolate complexes. Polyhedron, 2018, 152, 22-30.	2.2	3
22	Bis(hydroxylamino)triazines: High Selectivity and Hydrolytic Stability of Hydroxylamine-Based Ligands for Uranyl Compared to Vanadium(V) and Iron(III). Inorganic Chemistry, 2018, 57, 7631-7643.	4.0	10
23	Cobalt(II), nickel(II) and zinc(II) coordination chemistry of the N,N'-disubstituted hydroxylamine-(diamido) ligand, 3,3'-bis(hydroxyazanediyl)dipropanamide. Polyhedron, 2018, 151, 417-425.	2.2	0
24	Synthesis of new photosensitive H ₂ BBQ ²⁺ [ZnCl ₄] ²⁻ /[(ZnCl) ₂ (1/4-BBH)] complexes, through selective oxidation of H ₂ O to H ₂ O ₂ . Dalton Transactions, 2017, 46, 3688-3699.	3.3	6
25	Synthesis, Bonding, and Reactivity of Vanadium(IV) Oxido-Fluorido Compounds with Neutral Chelate Ligands of the General Formula <i>cis</i> -[V ^{IV} (O)(F)(L-N) ₂] ⁺ . Inorganic Chemistry, 2016, 55, 1364-1366.	4.0	7
26	Donor atom electrochemical contribution to redox potentials of square pyramidal vanadyl complexes. Journal of Inorganic Biochemistry, 2015, 147, 39-43.	3.5	12
27	Aerial Oxidation of a V ^{IV} -Iminopyridine Hydroquinonate Complex: A Trap for the V ^{IV} -Semiquinonate Radical Intermediate. Inorganic Chemistry, 2015, 54, 7218-7229.	4.0	17
28	Oxidovanadium(IV/V) Complexes as New Redox Mediators in Dye-Sensitized Solar Cells: A Combined Experimental and Theoretical Study. Inorganic Chemistry, 2015, 54, 3979-3988.	4.0	28
29	Interaction of Chromium(III) with a N,N'-Disubstituted Hydroxylamine-(diamido) Ligand: A Combined Experimental and Theoretical Study. Inorganic Chemistry, 2014, 53, 11404-11414.	4.0	9
30	Synthesis, characterization of dinuclear vanadium(III) hydroquinonate-iminodiacetate complexes. Inorganica Chimica Acta, 2014, 420, 103-111.	2.4	8
31	Structure, reactivity, luminescence and magnetism of dinuclear Ln ³⁺ complexes produced by the Ln ³⁺ -assisted hydrolysis of 3,6-bis(2-pyridyl)tetrazine. Polyhedron, 2013, 64, 308-320.	2.2	7
32	Vanadium(IV/V)-p-dioxolene temperature induced electron transfer associated with ligation/deligation of solvent molecules. Dalton Transactions, 2013, 42, 11831.	3.3	20
33	Synthesis, crystal structure and luminescence of novel Eu ³⁺ , Sm ³⁺ and Gd ³⁺ complexes of 1,3,5- and 1,2,4-triazines. Polyhedron, 2013, 52, 856-865.	2.2	20
34	Structural and electron paramagnetic resonance (EPR) characterization of novel vanadium(V/IV) complexes with hydroquinonate-iminodiacetate ligands exhibiting noninnocent activity. Pure and Applied Chemistry, 2012, 85, 329-342.	1.9	7
35	Molybdenum(VI) Coordination Chemistry of the N,N'-Disubstituted Bis(hydroxylamido)-1,3,5-triazine Ligand, H ₂ bhyat. Water-Assisted Activation of the MoVI=O Bond and Reversible Dimerization of cis-[MoVIO ₂ (bhyat)] to [MoVI ₂ O ₄ (bhyat) ₂ (H ₂ O) ₂]. Inorganic Chemistry, 2012, 51, 13138-13147.	4.0	14
36	Enhanced photon harvesting in silicon multicrystalline solar cells by new lanthanide complexes as light concentrators. Journal of Luminescence, 2011, 131, 1776-1781.	3.1	39

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37	pH-Potentiometric Investigation towards Chelating Tendencies of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Hydroquinone and Phenol Iminodiacetate Copper(II) Complexes. <i>Bioinorganic Chemistry and Applications</i> , 2010, 2010, 1-8.	4.1	8
38	Synthesis, Solution, and Structural Characterization of Tetrahydrofuran-2,2-Bisphosphonic Acid Disodium Salt. <i>Bioinorganic Chemistry and Applications</i> , 2010, 2010, 1-7.	4.1	3
39	Is Vanadate Reduced by Thiols under Biological Conditions? Changing the Redox Potential of V(V)/V(IV) by Complexation in Aqueous Solution. <i>Inorganic Chemistry</i> , 2010, 49, 4245-4256.	4.0	104
40	NMR characterization and dynamics of vanadium(V) complexes with tripod (hydroquinonate/phenolate) iminodiacetate ligands in aqueous solution. <i>Pure and Applied Chemistry</i> , 2009, 81, 1313-1321.	1.9	11
41	Monolayer properties of surface-active metalorganic complexes with a tunable headgroup. <i>Journal of Colloid and Interface Science</i> , 2008, 317, 544-555.	9.4	5
42	Spectral studies of new organic conductor (ETOEDT-PDT-TTF) ₂ I ₃ : Normal mode vibrations of the unsymmetrical $\hat{\epsilon}$ -electron donor. <i>Journal of Molecular Structure</i> , 2008, 887, 67-74.	3.6	0
43	Polynuclear Cobalt(II/III) Sulfites: Synthesis, Structure, and Magnetic Properties of the Octanuclear Cluster (NH ₄) ₁₁ (Li $\hat{\alpha}$ S ₂ [Co ₄ Co ₄](SO ₃) ₁₆) ₂ Encapsulating a Lithium Cation. <i>Inorganic Chemistry</i> , 2008, 47, 4451-4453.	4.0	28
44	Synthesis, structure, magnetic properties and aqueous solution characterization of p-hydroquinone and phenol iminodiacetate copper(ii) complexes. <i>Dalton Transactions</i> , 2008, , 6188.	3.3	46
45	Solid State and Aqueous Solution Characterization of Rectangular Tetranuclear V(IV)-p-Semiquinonate/Hydroquinonate Complexes Exhibiting a Proton Induced Electron Transfer. <i>Inorganic Chemistry</i> , 2008, 47, 7211-7224.	4.0	40
46	Vanadium(V) Compounds with the Bis-(hydroxylamino)-1,3,5-triazine Ligand, H ₂ bihyat: Synthetic, Structural, and Physical Studies of [V ₂ (VO) ₃ (bihyat) ₂] and of the Enhanced Hydrolytic Stability Species <i>cis</i> -[V ₂ (VO) ₂ (bihyat) ₂] $\hat{\alpha}$. <i>Inorganic Chemistry</i> , 2008, 47, 11698-11710.	4.0	29
47	Charge Distribution in Vanadium (p)-(Hydro/Semi)Quinonate Complexes. <i>ACS Symposium Series</i> , 2007, , 352-363.	0.5	6
48	Polyoxomolybdenum(V/VI) $\hat{\alpha}$ Sulfite Compounds: Synthesis, Structural, and Physical Studies. <i>Inorganic Chemistry</i> , 2007, 46, 6002-6010.	4.0	26
49	Synthesis and study of the cancer cell growth inhibitory properties of $\hat{\alpha}$, $\hat{\beta}$ -tocopheryl and $\hat{\beta}$ -tocotrienyl 2-phenylselenyl succinates. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 2684-2696.	3.0	28
50	Electroluminescence from a volatile europium complex. <i>Thin Solid Films</i> , 2006, 496, 489-493.	1.8	12
51	Oxovanadium(IV)-sulfite compounds: Synthesis and structural and physical studies. <i>Pure and Applied Chemistry</i> , 2005, 77, 1529-1538.	1.9	13
52	NMR Investigation of the Interaction of Vanadate with Carbasilatrane in Aqueous Solutions. <i>Inorganic Chemistry</i> , 2005, 44, 7511-7522.	4.0	5
53	Synthesis, Structure, and Solution Dynamics of UO ₂ $\hat{\alpha}$ Hydroxy Ketone Compounds [UO ₂ (ma) ₂ (H ₂ O)] and [UO ₂ (dpp)(Hdpp) ₂ (H ₂ O)]ClO ₄ [ma = 3-Hydroxy-2-methyl-4-pyrone, Hdpp = 3-Hydroxy-1,2-dimethyl-4(1H)-pyridone]. <i>Inorganic Chemistry</i> , 2004, 43, 8336-8345.	4.0	14
54	NMR and Theoretical Investigations on the Structures and Dynamics of Octahedral Bis(chelate)dichloro VIII Compounds Isolated by an Unusual Reduction of Non-Oxo V(IV) Species. <i>Inorganic Chemistry</i> , 2003, 42, 4640-4649.	4.0	10

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55	Electroluminescence by a Sm ³⁺ -diketonate-phenanthroline complex. <i>Synthetic Metals</i> , 2003, 139, 433-437.	3.9	44
56	Investigation on uranyl interaction with bioactive ligands. Synthesis and structural studies of the uranyl complexes with glycine and N-(2-mercaptopropionyl)glycine. <i>Radiochimica Acta</i> , 2002, 90, 549-554.	1.2	18
57	p-Hydroquinone "metal compounds: synthesis and crystal structure of two novel V "p-hydroquinonate and V "p-semiquinonate species. <i>Chemical Communications</i> , 2002, , 2786-2787.	4.1	22
58	Unexpected reduction of vanadium(IV) to vanadium(III) in the presence of the chelate ligands 2,2'-bipyridine (bpy) and 1,8-hydroxyquinoline (Hquin). <i>Dalton Transactions RSC</i> , 2001, , 1556-1558.	2.3	26
59	The first polyoxomolybdenum carbonate compound: Synthesis and crystal structure of (NH ₄) ₅ [(Mo ₂ VO ₄) ₃ (μ ₆ -CO ₃)(μ-CO ₃) ₃ (μ-OH) ₃]·0.5CH ₃ OH 1. <i>Dalton Transactions RSC</i> , 2001, , 3419-3420.	2.3	34
60	Synthesis and aqueous solution properties of multinuclear oxo-bridged vanadium(IV/V) complexes. <i>Journal of Inorganic Biochemistry</i> , 2000, 80, 75-80.	3.5	11
61	Model Studies of the Interaction of Vanadium(III) and Oxovanadium(IV/V) with the Carbonyl Amide Oxygen. <i>Inorganic Chemistry</i> , 1998, 37, 6785-6794.	4.0	19
62	Speciation in Vanadium Bioinorganic Systems. 5. Interactions between Vanadate, Uridine, and Imidazole An Aqueous Potentiometric, ⁵¹ V, ¹⁷ O, and ¹³ C NMR Study. <i>Inorganic Chemistry</i> , 1998, 37, 6153-6160.	4.0	28
63	Six-co-ordinated vanadium-(IV) and -(V) complexes of benzimidazole and pyridyl containing ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 2799-2812.	1.1	70
64	Synthesis, Structure, and Biological Activity of a New Insulinomimetic Peroxovanadium Compound: Bisperoxovanadium Imidazole Monoanion. <i>Journal of the American Chemical Society</i> , 1997, 119, 5447-5448.	13.7	108
65	Insulin-Mimetic Action of Vanadium Compounds on Osteoblast-like Cells in Culture. <i>Archives of Biochemistry and Biophysics</i> , 1997, 338, 7-14.	3.0	68
66	Vanadium(V) Hydroxylamido Complexes: Solid State and Solution Properties 1. <i>Journal of the American Chemical Society</i> , 1997, 119, 8901-8915.	13.7	105
67	Solution and Solid State Properties of [N-(2-Hydroxyethyl)iminodiacetato]vanadium(IV), -(V), and -(IV/V) Complexes 1. <i>Inorganic Chemistry</i> , 1997, 36, 1657-1668.	4.0	105
68	Model Investigations for Vanadium-Protein Interactions. Synthetic, Structural, and Physical Studies of Vanadium(III) and Oxovanadium(IV/V) Complexes with Amidate Ligands. <i>Inorganic Chemistry</i> , 1996, 35, 357-367.	4.0	88
69	Factors Affecting Solution Properties of Vanadium(V) Compounds: X-ray Structure of λ^2 -cis-NH ₄ [VO ₂ (EDDA)] 1. <i>Inorganic Chemistry</i> , 1996, 35, 3599-3606.	4.0	46
70	Modelluntersuchungen über Wechselwirkungen zwischen Oxovanadium(IV)-Einheiten und Proteinen: die ersten Oxovanadium-Komplexe mit Dipeptiden. <i>Angewandte Chemie</i> , 1996, 108, 2676-2678.	2.0	2
71	Models of Oxovanadium(IV)-Protein Interactions: The First Oxovanadium(IV) Complexes with Dipeptides. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2531-2533.	4.4	35
72	Organic Vanadium Compounds - Transition State Analogy with Organic Phosphorus Compounds. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 109, 245-248.	1.6	2

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73	Vanadium chemistry and biochemistry of relevance for use of vanadium compounds as antidiabetic agents. <i>Molecular and Cellular Biochemistry</i> , 1995, 153, 17-24.	3.1	84
74	A Slow Exchanging Vanadium(V) Peptide Complex: Vanadium(V)-Glycine-Tyrosine. <i>Inorganic Chemistry</i> , 1995, 34, 2524-2534.	4.0	66
75	Model Investigations for Vanadium-Protein Interactions: Synthesis and X-ray Structures of mer-[VOCl ₃ (Hpycan)] and [VOCl ₂ (CH ₃ CN)(Hpycan)] {Hpycan = N-(2-Nitrophenyl)pyridine-2-carboxamide}. <i>Inorganic Chemistry</i> , 1994, 33, 845-846.	4.0	30
76	Synthesis and characterization of vanadium(III) and oxovanadium(IV/V) species with deprotonated amide ligands. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 643.	2.0	8
77	Synthesis, structural and physical studies of tin(IV) complexes with 2-(2-pyridyl)benzimidazole. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2729.	1.1	36
78	Oxovanadium(IV)-amide binding. Synthetic, structural, and physical studies of {N-[2-(4-oxopent-2-en-2-ylamino)phenyl]pyridine-2-carboxamido}oxovanadium(IV) and {N-[2-(4-phenyl-4-oxobut-2-en-2-ylamino)phenyl]pyridine-2-carboxamido}oxovanadium(IV). <i>Inorganic Chemistry</i> , 1992, 31, 2587-2594.	4.0	76
79	Vanadyl(IV) amide binding. The preparation and X-ray crystal structure of [VO(pycac)]{H ₂ pycac = N-[2-(4-oxopentan-2-ylideneamino)phenyl]pyridine-2-carboxamide}. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1664-1665.	2.0	7