

Massimo Boiocchi

List of Publications by Year in descending order

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papers

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196777

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Fluorogenic Detection of Sulfite in Water by Using Copper(II) Azacyclam Complexes. <i>Molecules</i> , 2022, 27, 1852.	1.7	4
2	Atomistic insight into lithospheric conductivity revealed by phononâ€“electron excitations in hydrous iron-bearing silicates. <i>Communications Materials</i> , 2021, 2, .	2.9	8
3	Bitopic Sigma 1 Receptor Modulators to Shed Light on Molecular Mechanisms Underpinning Ligand Binding and Receptor Oligomerization. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14997-15016.	2.9	6
4	Enantiomeric Resolution and Absolute Configuration of a Chiral Îˆ-Lactam, Useful Intermediate for the Synthesis of Bioactive Compounds. <i>Molecules</i> , 2020, 25, 6023.	1.7	4
5	Sensing and Liquid-Liquid Extraction of Dicarboxylates Using Dicopper Cryptates. <i>ACS Omega</i> , 2020, 5, 26573-26582.	1.6	0
6	Sensing and Liquidâ€“Liquid Extraction of Dicarboxylates Using Dicopper Cryptates. <i>ACS Omega</i> , 2020, 5, 26573-26582.	1.6	7
7	Potassic-jeanlouisite from Leucite Hill, Wyoming, USA, ideally $K(NaCa)(Mg_{4}Ti)Si_{8}O_{22}O_{2}$: the first species of oxo amphibole in the sodiumâ€“calcium subgroup. <i>Mineralogical Magazine</i> , 2019, 83, 587-593.	0.6	0
8	Thermoelasticity, cation exchange, and deprotonation in Fe-rich holmquistite: Toward a crystal-chemical model for the high-temperature behavior of orthorhombic amphiboles. <i>American Mineralogist</i> , 2019, 104, 1829-1839.	0.9	6
9	Anion Recognition in Water, Including Sulfate, by a Bicyclam Bimetallic Receptor: A Process Governed by the Enthalpy/Entropy Compensatory Relationship. <i>Chemistry - A European Journal</i> , 2018, 24, 5659-5666.	1.7	13
10	Anion-induced isomerization of fluorescent semi(thio)carbazonones. <i>Organic Chemistry Frontiers</i> , 2018, 5, 391-397.	2.3	7
11	Magnesio-hornblende from LÃ¼deritz, Namibia: mineral description and crystal chemistry. <i>Mineralogical Magazine</i> , 2018, 82, 1253-1259.	0.6	4
12	The high-temperature behaviour of riebeckite: expansivity, deprotonation, selective Fe oxidation and a novel cation disordering scheme for amphiboles. <i>European Journal of Mineralogy</i> , 2018, 30, 437-449.	0.4	29
13	Bimacrocyclic Effect in Anion Recognition by a Copper(II) Bicyclam Complex. <i>ACS Omega</i> , 2018, 3, 15692-15701.	1.6	2
14	Ferri-obertiite from the Rothenberg quarry, Eifel volcanic complex, Germany: mineral data and crystal chemistry of a new amphibole end-member. <i>Mineralogical Magazine</i> , 2017, 81, 641-651.	0.6	3
15	Structureâ€“activity relationship for the solid state emission of a new family of â€œpushâ€“pullâ€“Î€-extended chromophores. <i>Faraday Discussions</i> , 2017, 196, 143-161.	1.6	22
16	The crystal chemistry of oxo-mangani-leakeite and mangano-mangani-ungarettiite from the Hoskins mine and their impossible solid-solution: An XRD and FTIR study. <i>Mineralogical Magazine</i> , 2017, 81, 707-722.	0.6	7
17	Magnesio-riebeckite from the Varenche mine (Aosta Valley, Italy): crystal-chemical characterization of a grandfathered end-member. <i>Mineralogical Magazine</i> , 2017, 81, 1431-1437.	0.6	1
18	Crystal structure refinement of duftite, $PbCu(AsO_4)(OH)$, from Grube Clara, Oberwolfach, Schwarzwald, Germany. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2017, 194, 157-164.	0.1	1

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19	Novel hydrogen- and halogen-bonding anion receptors based on 3-iodopyridinium units. RSC Advances, 2016, 6, 67540-67549.	1.7	29
20	Ferro-ferri-hornblende from the Traversella mine (Ivrea, Italy): occurrence, mineral description and crystal-chemistry. Mineralogical Magazine, 2016, 80, 1233-1242.	0.6	7
21	Crystal structure of adamite at high temperature. Mineralogical Magazine, 2016, 80, 901-914.	0.6	4
22	Oxo-mangani-leakeite from the Hoskins mine, New South Wales, Australia: occurrence and mineral description. Mineralogical Magazine, 2016, 80, 1013-1021.	0.6	3
23	Synthetic Potassic-Ferro-Richterite: 1. Composition, Crystal Structure Refinement, and H ₂ O Behavior By In Operando Single-Crystal X-Ray Diffraction. Canadian Mineralogist, 2016, 54, 353-369.	0.3	15
24	Magnesio-ferri-fluoro-hornblende from Portoscuso, Sardinia, Italy: description of a newly approved member of the amphibole supergroup. Mineralogical Magazine, 2016, 80, 269-275.	0.6	2
25	Synthesis, structural and optical characterization of APbX ₃ (A=methylammonium, dimethylammonium,) Tj ETQq1 1 0.784314 rgBT /Ove 2016, 240, 55-60.	1.4	73
26	Conjugated Thiophene-Fused Isatin Dyes through Intramolecular Direct Arylation. Journal of Organic Chemistry, 2016, 81, 11035-11042.	1.7	48
27	Chloride-binding in organic-water mixtures: the powerful synergy of C-H donor groups within a bowl-shaped cavity. Chemical Communications, 2016, 52, 10910-10913.	2.2	19
28	Crystal structure refinement of margarosanite PbCa ₂ Si ₃ O ₉ and relationship with walstromite BaCa ₂ Si ₃ O ₉ . Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2016, 193, 205-213.	0.1	1
29	Anion Binding by Dimetallic Nickel(II) and Nickel(III) Complexes of a Face-to-Face Bicyclam: Looking for a Bimacrocyclic Effect. Inorganic Chemistry, 2016, 55, 2946-2959.	1.9	3
30	Eckermannite revised: The new holotype from the Jade Mine Tract, Myanmar-crystal structure, mineral data, and hints on the reasons for the rarity of eckermannite. American Mineralogist, 2015, 100, 909-914.	0.9	9
31	Magnesio-arfvedsonite from Jade Mine Tract, Myanmar: mineral description and crystal chemistry. Mineralogical Magazine, 2015, 79, 253-260.	0.6	4
32	Katophorite from the Jade Mine Tract, Myanmar: mineral description of a rare (grandfathered) endmember of the amphibole supergroup. Mineralogical Magazine, 2015, 79, 355-363.	0.6	6
33	Ti-RICH FLUORO-RICHTERITE FROM KARIÅSEN (NORWAY): THE OXO-COMPONENT AND THE USE OF Ti ⁴⁺ AS A PROXY. Canadian Mineralogist, 2015, 53, 285-294.	0.3	5
34	Copper(II) Complexes of Cyclams Containing Nitrophenyl Substituents: Push-Pull Behavior and Scorpionate Coordination of the Nitro Group. Inorganic Chemistry, 2015, 54, 10197-10207.	1.9	8
35	Oxo-Anion Recognition by Mono- and Bisurea Pendant-Arm Macrocyclic Complexes. Inorganic Chemistry, 2015, 54, 47-58.	1.9	18
36	Ferri-fluoro-leakeite: a second occurrence at Bratthagen (Norway), with new data on Zn partitioning and the oxo component in Na amphiboles. Mineralogical Magazine, 2014, 78, 861-869.	0.6	6

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37	The Disproportionation of [Ni(tacn)] ₂ in Ni ²⁺ and [Ni(tacn) ₂] ₂ Crystallographically Demonstrated (tacn=1,4,7-Triazacyclononane). <i>Chemistry - A European Journal</i> , 2014, 20, 11994-11998.	1.7	1
38	Fluorescent sensing of ⁹⁹ Tc pertechnetate in water. <i>Chemical Science</i> , 2014, 5, 1820-1826.	3.7	57
39	Double-stranded dimetallic helicates: assembling/disassembling driven by the Cu ^I /Cu ^{II} redox change and the principle of homochiral recognition. <i>Chemical Society Reviews</i> , 2014, 43, 1835-1847.	18.7	75
40	Anion receptors containing coordinatively unsaturated metal ions: copper(II) complexes with cyclam derivatives. <i>Canadian Journal of Chemistry</i> , 2014, 92, 794-802.	0.6	6
41	Mixing the spacers in azacryptands: effects on halide recognition. <i>Dalton Transactions</i> , 2014, 43, 11352-11360.	1.6	11
42	Structure and properties of domperidone and its succinate salt. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013, 69, 362-370.	0.5	6
43	High resolution X-ray diffraction data of pirssonite from Searles Lake, San Bernardino County, California. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2013, 190, 221-227.	0.1	0
44	Dicopper Double-Strand Helicates Held Together by Additional π - π Interactions. <i>Inorganic Chemistry</i> , 2013, 52, 10643-10652.	1.9	10
45	Enhancing the Anion Affinity of Urea-Based Receptors with a Ru(terpy) ₂ ²⁺ Chromophore. <i>Inorganic Chemistry</i> , 2013, 52, 5273-5283.	1.9	37
46	The Interaction of Fluoride with Fluorogenic Ureas: An ON ¹ -OFF ² ON ² Response. <i>Journal of the American Chemical Society</i> , 2013, 135, 6345-6355.	6.6	113
47	On the symmetry and atomic ordering in (OH,F)-rich spessartine: towards a new hydrogarnet end-member. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2012, 227, 385-395.	0.4	6
48	Preparation and characterization of carprofen co-crystals. <i>CrystEngComm</i> , 2012, 14, 435-445.	1.3	16
49	Coralloite, Mn ²⁺ Mn ²³⁺ (AsO ₄) ₂ (OH) ₂ ·4H ₂ O, a new mixed valence Mn hydrate arsenate: Crystal structure and relationships with bermanite and whitmoreite mineral groups. <i>American Mineralogist</i> , 2012, 97, 727-734.	0.9	8
50	Cavity Effect on Perrhenate Recognition by Polyammonium Cages. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3410-3417.	1.0	35
51	The Asymmetric Formal Hetero-Diels-Alder Reaction of Methyl (<i>E</i>)-4-Aryl-2-oxo-3-butenates Catalyzed by [Sc(OTf) ₃ /pybox] Complexes. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2916-2928.	1.2	15
52	Enantioselective Addition of Cyclic Enol Silyl Ethers to α -Alkenoyl-Pyridine-N-Oxides Catalysed by Cu ^{II} -Bis(oxazoline) Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 11662-11668.	1.7	26
53	Perphenazine-fumaric acid salts with improved solubility: preparation, physico-chemical characterization and in vitro dissolution. <i>CrystEngComm</i> , 2012, 14, 6035.	1.3	21
54	Synthesis of novel diazacyclam copper(II) complexes by template reaction involving sulphonamides as locking fragments. <i>Inorganica Chimica Acta</i> , 2012, 384, 210-218.	1.2	4

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55	The solution stability of copper(i) and silver(i) complexes with N-heterocyclic carbenes. Dalton Transactions, 2011, 40, 8367.	1.6	14
56	Ambrinoite, (K,NH ₄) ₂ (As,Sb) ₈ Si ₁₃ ·H ₂ O, a new mineral from Upper Susa Valley, Piedmont, Italy: The first natural (K,NH ₄)-hydrated sulfosalt. American Mineralogist, 2011, 96, 878-887.	0.9	6
57	Pyridinium/urea-based anion receptor: methine formation in the presence of basic anions. Organic and Biomolecular Chemistry, 2011, 9, 8276.	1.5	22
58	Putting the Anion into the Cage – Fluoride Inclusion in the Smallest Trisimidazolium Macrotricyclic. European Journal of Organic Chemistry, 2011, 2011, 6434-6444.	1.2	38
59	Enantioselective Cycloadditions of 2-Alkenylpyridine-N-oxides Catalysed by a Bis(oxazoline)/Cu II Complex: Structure of the Reactive Intermediate. Chemistry - A European Journal, 2011, 17, 516-520.	1.7	33
60	Moderate and Advanced Intramolecular Proton Transfer in Urea-Anion Hydrogen-Bonded Complexes. Chemistry - A European Journal, 2011, 17, 9423-9439.	1.7	45
61	Capranicaite, (K,Na)(Ca,Na)Al ₄ B ₄ Si ₂ O ₁₈ : a new inosilicate from Capranica, Italy, with a peculiar topology of the periodic single chain [Si ₂ O ₆]. Mineralogical Magazine, 2011, 75, 33-43.	0.6	4
62	The Squaramide versus Urea Contest for Anion Recognition. Chemistry - A European Journal, 2010, 16, 4368-4380.	1.7	172
63	Crystal structure and crystal chemistry of fluoro-potassic-magnesian-arfvedsonite from Monte Metocha, Xixano region, Mozambique, and discussion of the holotype from Quebec, Canada. Mineralogical Magazine, 2010, 74, 951-960.	0.6	8
64	Structurally-variable, rigid and optically-active D2 and D3 macrocycles possessing recognition properties towards C ₆₀ . Organic and Biomolecular Chemistry, 2010, 8, 1640.	1.5	41
65	Fluoro-potassic-pargasite, KCa ₂ (Mg ₄ Al)(Si ₆ Al ₂)O ₂₂ F ₂ , from the Tranomaro area, Madagascar: mineral description and crystal chemistry. Mineralogical Magazine, 2010, 74, 961-967.	0.6	2
66	Octahedral Copper(II) and Tetrahedral Copper(I) Double-Strand Helicates: Chiral Self-Recognition and Redox Behavior. Inorganic Chemistry, 2010, 49, 997-1007.	1.9	36
67	Application of the Vis-NIR Avaspec-2048 portable automatic spectrometer to distinguish GEM quality materials. Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2009, 185, 281-288.	0.1	5
68	A New Copper(II)/Isopropylidene-2-bis(oxazoline) Catalyst and Its Stable Reactive Complex with Acryloyloxazolidinone in Enantioselective Reactions. Chemistry - A European Journal, 2009, 15, 9674-9677.	1.7	25
69	Templated Synthesis of Copper(II) Azacyclam Complexes Using Urea as a Locking Fragment and Their Metal-Enhanced Binding Tendencies towards Anions. Chemistry - A European Journal, 2009, 15, 11288-11297.	1.7	20
70	Multicomponent Reactions of Indole, Ethyl Glyoxylate and Anilines: From Friedel-Crafts to Aza-Diels-Alder Reactions Catalysed by Scandium Triflate. European Journal of Organic Chemistry, 2009, 2009, 2627-2634.	1.2	21
71	Aschamalmite (Pb ₆ Bi ₂ S ₉): crystal structure and ordering scheme	0.6	4
72	Fluoro-sodic-ferropedrizite, NaLi ₂ (Fe ₂) ₂ Al ₂ (Li)Si ₈ O ₂₂ F ₂ , a new mineral of the amphibole group from the Sutlug River, Tuva Republic, Russia: description and crystal structure. Mineralogical Magazine, 2009, 73, 487-494.	0.6	5

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73	Asymmetric Friedelâ€“Crafts Alkylation of Indoles with Methyl (E)-2-Oxo-4-aryl-butenoates Catalyzed by Sc(OTf) ₃ /pybox. <i>Chemistry - A European Journal</i> , 2008, 14, 3630-3636.	1.7	65
74	Metalâ€“Controlled Anionâ€“Binding Tendencies of the Thiourea Unit of Thiosemicarbazones. <i>Chemistry - A European Journal</i> , 2008, 14, 9683-9696.	1.7	28
75	News from the 80â€“Yearâ€“Old Passerini Variant of the Friedelâ€“Crafts Alkylation of Indole. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 6232-6238.	1.2	13
76	Halide ion inclusion into a dicopper(II) bistren cryptate containing â€“activeâ€“ 2,5-dimethylfuran spacers: The origin of the bright yellow colour. <i>Inorganica Chimica Acta</i> , 2008, 361, 4038-4046.	1.2	14
77	Redox Active Cage for the Electrochemical Sensing of Anions. <i>Inorganic Chemistry</i> , 2008, 47, 4808-4816.	1.9	41
78	Potassic-aluminotaramite from Sierra de los Filabres, Spain. <i>European Journal of Mineralogy</i> , 2008, 20, 1005-1010.	0.4	2
79	Aluminotaramite, alumino-magnesiotalamite, and fluoro-alumino-magnesiotalamite: Mineral data and crystal chemistry. <i>American Mineralogist</i> , 2007, 92, 1428-1435.	0.9	9
80	Enhanced kinetic inertness in the electrochemical interconversion of Cu(i) double helical to Cu(ii) monomeric complexes. <i>New Journal of Chemistry</i> , 2007, 31, 927.	1.4	15
81	Linear recognition of dicarboxylates by ditopic macrocyclic complexes. <i>New Journal of Chemistry</i> , 2007, 31, 352.	1.4	41
82	Peri- and Enantioselectivity of Thermal, Scandium-, and [Pybox/Scandium]-Catalyzed Dielsâ€“Alder and Hetero-Dielsâ€“Alder Reactions of Methyl (E)-2-Oxo-4-aryl-butenoates with Cyclopentadiene. <i>Chemistry - A European Journal</i> , 2007, 13, 9478-9485.	1.7	50
83	The template synthesis of dimetallic complexes. <i>Inorganica Chimica Acta</i> , 2007, 360, 1163-1169.	1.2	3
84	Site preference and local geometry of Sc in garnets: Part II. The crystal-chemistry of octahedral Sc in the andradite-Ca ₃ Sc ₂ Si ₃ O ₁₂ join. <i>American Mineralogist</i> , 2006, 91, 1240-1248.	0.9	32
85	Metal-Controlled Assembly and Selectivity of a Urea-Based Anion Receptor. <i>Inorganic Chemistry</i> , 2006, 45, 6138-6147.	1.9	70
86	Distinct local environments for Ca along the non-ideal pyropeâ€“grossular solid solution: A new model based on crystallographic and EXAFS analysis. <i>Chemical Geology</i> , 2006, 225, 347-359.	1.4	13
87	Single and Double pH-Driven Cu ²⁺ Translocation with Molecular Rearrangement in Alkyne-Functionalized Polyamino Polyamido Ligands. <i>Chemistry - A European Journal</i> , 2006, 12, 5535-5546.	1.7	24
88	A Metal-Based Trisimidazolium Cage That Provides Six C ₆ H ₅ Hydrogen-Bond-Donor Fragments and Includes Anions. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6920-6924.	7.2	114
89	Site preference and local geometry of Sc in garnets: Part I. Multifarious mechanisms in the pyrope-grossular join. <i>American Mineralogist</i> , 2006, 91, 1230-1239.	0.9	27
90	The crystal structure of piergorite-(Ce), Ca ₈ Ce ₂ (Al _{0.5} Fe _{0.53+}) ₁ (\bar{A} ,Li,Be) ₂ Si ₆ B ₈ O ₃₆ (OH,F) ₂ : A new borosilicate from Vetralla, Italy, with a modified hellandite-type chain. <i>American Mineralogist</i> , 2006, 91, 1170-1177.	0.9	9

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91	In Search of exo-Selective Catalysts for Enantioselective 1,3-Dipolar Cycloaddition between Acryloyloxazolidinone and Diphenylnitrone. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1020-1027.	1.2	31
92	Anion Receptors Containing -NH Binding Sites: Hydrogen-Bond Formation or Neat Proton Transfer?. <i>Chemistry - A European Journal</i> , 2005, 11, 120-127.	1.7	103
93	Anion-Induced Urea Deprotonation. <i>Chemistry - A European Journal</i> , 2005, 11, 3097-3104.	1.7	251
94	What Anions Do Inside a Receptor's Cavity: A Trifurcate Anion Receptor Providing Both Electrostatic and Hydrogen-Bonding Interactions. <i>Chemistry - A European Journal</i> , 2005, 11, 5648-5660.	1.7	107
95	Anion binding by a copper(II) complex of a reinforced open-chain tetramine. <i>Comptes Rendus Chimie</i> , 2005, 8, 1519-1526.	0.2	3
96	Dramatically Enhanced Carbon Acidity of the Nitrobenzyl Fragment in a Nickel(II) Scorpionate Complex. <i>Organic Letters</i> , 2005, 7, 3417-3420.	2.4	12
97	Chiral receptors for phosphate ions. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2632.	1.5	91
98	A Dimetallic Cage with a Long Ellipsoidal Cavity for the Fluorescent Detection of Dicarboxylate Anions in Water. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3847-3852.	7.2	135
99	Does a Reinforced Kinetic Macrocyclic Effect Exist? The Demetallation in Strong Acid of Copper(II) Complexes with Open and Cyclic Tetramines Containing a Piperazine Fragment. <i>Chemistry - A European Journal</i> , 2004, 10, 3209-3216.	1.7	17
100	Further insights on the high- to low spin interconversion in nickel(ii) tetramine complexes. Solvent and temperature effects. <i>Dalton Transactions</i> , 2004, , 2616-2620.	1.6	34
101	Nature of Urea-Fluoride Interaction: Incipient and Definitive Proton Transfer. <i>Journal of the American Chemical Society</i> , 2004, 126, 16507-16514.	6.6	790
102	The influence of the boat-to-chair conversion on the demetallation of the nickel(ii) complex of an open-chain tetramine containing a piperazine fragment. <i>Dalton Transactions</i> , 2004, , 653.	1.6	24
103	The chemistry and crystal structure of okanoganite-(Y) and comparison with vicanite-(Ce). <i>American Mineralogist</i> , 2004, 89, 1540-1545.	0.9	9
104	A two-channel molecular dosimeter for the optical detection of copper(ii). <i>Chemical Communications</i> , 2003, , 1812-1813.	2.2	128
105	FluoronybÅrjite from Jianchang (Su-Lu, China) and nybÅrjite from NybÅrj (Nordfjord, Norway): a petrological and crystal-chemical comparison of these two high-pressure amphiboles. <i>Mineralogical Magazine</i> , 2003, 67, 769-782.	0.6	14
106	A Solvent-Dependent and Electrochemically Controlled Self-Assembling/Disassembling System. <i>Collection of Czechoslovak Chemical Communications</i> , 2003, 68, 1647-1662.	1.0	2
107	Crystal-chemical reasons for the immiscibility of periclase and wustite under lithospheric P,T conditions. <i>European Journal of Mineralogy</i> , 2001, 13, 871-881.	0.4	27