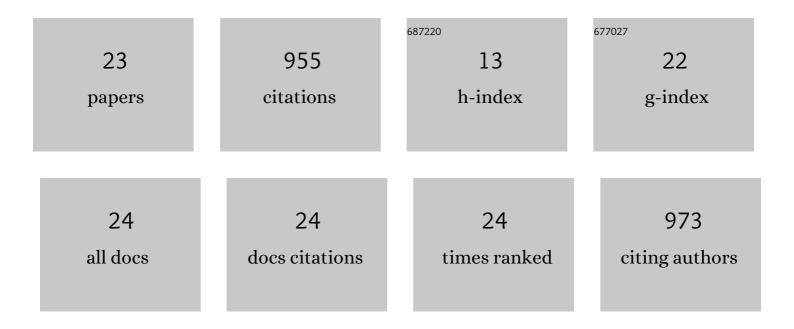
Olivier Horner

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Scaling inhibition by sol-gel phosphosilicate hybrid films: Influence of doping Cu2+ and Zn2+ cations. Surface and Coatings Technology, 2022, 443, 128597.	2.2	2
2	Calcium carbonate scaling prevention by a green chemical inhibitor, gallic acid. Water and Environment Journal, 2021, 35, 998-1006.	1.0	8
3	Inhibition of CaCO 3 growth in hard water by quercetin as green inhibitor. Water and Environment Journal, 2020, 34, 263-272.	1.0	3
4	Scale inhibition effect of Hylocereus undatus solution on calcium carbonate formation. Journal of Crystal Growth, 2019, 524, 125161.	0.7	12
5	Study of the influence of the supersaturation coefficient on scaling rate using the pre-calcified surface of a quartz crystal microbalance. Water Research, 2018, 142, 347-353.	5.3	10
6	Antiscalant properties of Herniaria glabra aqueous solution. Desalination, 2017, 409, 157-162.	4.0	16
7	Antiscalant properties of Spergularia rubra and Parietaria officinalis aqueous solutions. Journal of Crystal Growth, 2016, 443, 43-49.	0.7	19
8	Study of the inhibition effect of two polymers on calcium carbonate formation by fast controlled precipitation method and quartz crystal microbalance. Journal of Water Process Engineering, 2015, 7, 11-20.	2.6	30
9	State of art of natural inhibitors of calcium carbonate scaling. A review article. Desalination, 2015, 356, 47-55.	4.0	237
10	In Situ Probing Calcium Carbonate Formation by Combining Fast Controlled Precipitation Method and Small-Angle X-ray Scattering. Langmuir, 2014, 30, 3303-3309.	1.6	22
11	Direct detection of calcium carbonate scaling via a pre-calcified sensitive area of a quartz crystal microbalance. Desalination, 2014, 352, 103-108.	4.0	12
12	Application of the Fast Controlled Precipitation method to assess the scale-forming ability of raw river waters. Desalination, 2012, 299, 89-95.	4.0	38
13	Unusual oxidative stability of a multidentate primary amine ligand: facile synthesis of the oxo-bridged diiron(III) complex. Inorganic Chemistry Communication, 2004, 7, 773-776.	1.8	7
14	Mössbauer Characterization of an Unusual High-Spin Side-On Peroxoâ^'Fe3+Species in the Active Site of Superoxide Reductase fromDesulfoarculus baarsii. Density Functional Calculations on Related Modelsâ€. Biochemistry, 2004, 43, 8815-8825.	1.2	42
15	Spectroscopic and Electrochemical Characterization of an Aqua Ligand Exchange and Oxidatively Induced Deprotonation in Diiron Complexes. Inorganic Chemistry, 2004, 43, 1638-1648.	1.9	40
16	Spectroscopic Description of the Two Nitrosylâ^'Iron Complexes Responsible for Fur Inhibition by Nitric Oxide. Journal of the American Chemical Society, 2004, 126, 6005-6016.	6.6	88
17	Small axial and transverse magnetic field systems for a57Fe MÂssbauer study of Kramers systems. Measurement Science and Technology, 2003, 14, 629-632.	1.4	3
18	Identification of Iron(III) Peroxo Species in the Active Site of the Superoxide Reductase SOR fromDesulfoarculusbaarsii. Journal of the American Chemical Society, 2002, 124, 4966-4967.	6.6	109

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#	Article	IF	CITATIONS
19	Iron Carbonyl, Nitrosyl, and Nitro Complexes of a Tetrapodal Pentadentate Amine Ligand: Synthesis, Electronic Structure, and Nitrite Reductase-like Reactivity. Chemistry - A European Journal, 2002, 8, 5709-5722.	1.7	55
20	A Mössbauer Study of [Fe(edta)(O2)]3â^'Agrees with a High-Spin Felll Peroxo Complex. European Journal of Inorganic Chemistry, 2002, 2002, 1186-1189.	1.0	12
21	Structures of Fe(II) Complexes withN,N,Nâ€~-Tris(2-pyridylmethyl)ethane-1,2-diamine Type Ligands. Bleomycin-like DNA Cleavage and Enhancement by an Alkylammonium Substituent on the Nâ€~ Atom of the Ligand. Inorganic Chemistry, 1999, 38, 1085-1092.	1.9	116
22	SQUID Magnetization Study of the Infrared-Induced Spin Transition in the S2State of Photosystem II:Â Spin Value Associated with theg= 4.1 EPR Signal. Journal of the American Chemical Society, 1998, 120, 7924-7928.	6.6	65
23	Scale inhibition properties of metallic cations on CaCO3 formation using fast controlled precipitation and a scaling quartz microbalance. , 0, 167, 113-121.		9