

# Olivier Horner

## List of Publications by Year in descending order

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23  
papers

955  
citations

687220

13  
h-index

677027

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

973  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling inhibition by sol-gel phosphosilicate hybrid films: Influence of doping Cu <sup>2+</sup> and Zn <sup>2+</sup> cations. <i>Surface and Coatings Technology</i> , 2022, 443, 128597.	2.2	2
2	Calcium carbonate scaling prevention by a green chemical inhibitor, gallic acid. <i>Water and Environment Journal</i> , 2021, 35, 998-1006.	1.0	8
3	Inhibition of CaCO <sub>3</sub> growth in hard water by quercetin as green inhibitor. <i>Water and Environment Journal</i> , 2020, 34, 263-272.	1.0	3
4	Scale inhibition effect of <i>Hylocereus undatus</i> solution on calcium carbonate formation. <i>Journal of Crystal Growth</i> , 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. <i>Water Research</i> , 2018, 142, 347-353.	5.3	10
6	Antiscalant properties of <i>Herniaria glabra</i> aqueous solution. <i>Desalination</i> , 2017, 409, 157-162.	4.0	16
7	Antiscalant properties of <i>Spergularia rubra</i> and <i>Parietaria officinalis</i> aqueous solutions. <i>Journal of Crystal Growth</i> , 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. <i>Journal of Water Process Engineering</i> , 2015, 7, 11-20.	2.6	30
9	State of art of natural inhibitors of calcium carbonate scaling. A review article. <i>Desalination</i> , 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. <i>Langmuir</i> , 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. <i>Desalination</i> , 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. <i>Desalination</i> , 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. <i>Inorganic Chemistry Communication</i> , 2004, 7, 773-776.	1.8	7
14	Mössbauer Characterization of an Unusual High-Spin Side-On Peroxo <sup>•</sup> Fe <sup>3+</sup> Species in the Active Site of Superoxide Reductase from <i>Desulfoarculus baarsii</i> . Density Functional Calculations on Related Models. <i>Biochemistry</i> , 2004, 43, 8815-8825.	1.2	42
15	Spectroscopic and Electrochemical Characterization of an Aqua Ligand Exchange and Oxidatively Induced Deprotonation in Diiron Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 1638-1648.	1.9	40
16	Spectroscopic Description of the Two Nitrosyl <sup>•</sup> Iron Complexes Responsible for Fur Inhibition by Nitric Oxide. <i>Journal of the American Chemical Society</i> , 2004, 126, 6005-6016.	6.6	88
17	Small axial and transverse magnetic field systems for a <sup>57</sup> Fe Mössbauer study of Kramers systems. <i>Measurement Science and Technology</i> , 2003, 14, 629-632.	1.4	3
18	Identification of Iron(III) Peroxo Species in the Active Site of the Superoxide Reductase SOR from <i>Desulfoarculus baarsii</i> . <i>Journal of the American Chemical Society</i> , 2002, 124, 4966-4967.	6.6	109

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19	Iron Carbonyl, Nitrosyl, and Nitro Complexes of a Tetrapodal Pentadentate Amine Ligand: Synthesis, Electronic Structure, and Nitrite Reductase-like Reactivity. <i>Chemistry - A European Journal</i> , 2002, 8, 5709-5722.	1.7	55
20	A Mössbauer Study of $[\text{Fe}(\text{edta})(\text{O}_2)]^{3-}$ Agrees with a High-Spin FeIII Peroxo Complex. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 1186-1189.	1.0	12
21	Structures of Fe(II) Complexes with N,N,N'-Tris(2-pyridylmethyl)ethane-1,2-diamine Type Ligands. Bleomycin-like DNA Cleavage and Enhancement by an Alkylammonium Substituent on the N' Atom of the Ligand. <i>Inorganic Chemistry</i> , 1999, 38, 1085-1092.	1.9	116
22	SQUID Magnetization Study of the Infrared-Induced Spin Transition in the S <sub>2</sub> State of Photosystem II: Spin Value Associated with the g = 4.1 EPR Signal. <i>Journal of the American Chemical Society</i> , 1998, 120, 7924-7928.	6.6	65
23	Scale inhibition properties of metallic cations on CaCO <sub>3</sub> formation using fast controlled precipitation and a scaling quartz microbalance. , 0, 167, 113-121.		9