

# Amir Mizrahi

## List of Publications by Year in descending order

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11  
papers

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citations

1163117

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times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbonate-radical-anions, and not hydroxyl radicals, are the products of the Fenton reaction in neutral solutions containing bicarbonate. Free Radical Biology and Medicine, 2019, 131, 1-6.	2.9	79
2	The Role of Carbonate in Catalytic Oxidations. Accounts of Chemical Research, 2020, 53, 2189-2200.	15.6	78
3	The Fell(citrate) Fenton reaction under physiological conditions. Journal of Inorganic Biochemistry, 2020, 206, 111018.	3.5	36
4	Carbonate and carbonate anion radicals in aqueous solutions exist as $\text{CO}_3^{\cdot-}$ ( $\text{HCO}_3^{\cdot}$ ) and $\text{CO}_3^{\cdot-}$ ( $\text{HCO}_3^{\cdot}$ ) respectively: the crucial role of the inner hydration sphere of anions in explaining their properties. Physical Chemistry Chemical Physics, 2018, 20, 9429-9435.	2.8	26
5	Mechanistic Studies on the Role of $[\text{Cu}^{\text{II}}(\text{CO}_3)_n]$ as a Water Oxidation Catalyst: Carbonate as a Non-Innocent Ligand. Chemistry - A European Journal, 2018, 24, 1088-1096.	3.3	21
6	Plausible roles of carbonate in catalytic water oxidation. Advances in Inorganic Chemistry, 2019, 74, 343-360.	1.0	14
7	Cobalt Carbonate as an Electrocatalyst for Water Oxidation. Chemistry - A European Journal, 2020, 26, 711-720.	3.3	12
8	$\text{Na}_3[\text{Ru}_2(\mu\text{-CO}_3)_4]$ as a Homogeneous Catalyst for Water Oxidation; $\text{HCO}_3^-$ as a Co-Catalyst. Catalysts, 2021, 11, 281.	3.5	9
9	Different oxidation mechanisms of $\text{Mn}^{\text{II}}$ (polyphosphate) $_n$ by the radicals and. Journal of Coordination Chemistry, 2016, 69, 1709-1721.	2.2	6
10	Variables of the Analytical Electrochemical Data Acquisition for Boron Subphthalocyanines. European Journal of Inorganic Chemistry, 2021, 2021, 1090-1097.	2.0	4
11	Reactions of carbonate radical anion with amino-carboxylate complexes of manganese(II) and iron(III). Journal of Coordination Chemistry, 2018, 71, 1749-1760.	2.2	2