

Leonardo F Serafim

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

93
citations

1684188

5
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Gel-like carbon dots: A high-performance future photocatalyst. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 519-532.	9.4	22
2	Structure-activity relationship of carbon nitride dots in inhibiting Tau aggregation. <i>Carbon</i> , 2022, 193, 1-16.	10.3	20
3	Mechanisms of peptide and phosphoester hydrolysis catalyzed by two promiscuous metalloenzymes (insulin degrading enzyme and glycerophosphodiesterase) and their synthetic analogues. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2020, 10, e1466.	14.6	14
4	A Potent Host Defense Peptide Triggers DNA Damage and Is Active against Multidrug-Resistant Gram-Negative Pathogens. <i>ACS Infectious Diseases</i> , 2020, 6, 1250-1263.	3.8	13
5	Remediation of environmentally hazardous organophosphates by artificial metalloenzymes. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 32, 100529.	5.9	10
6	Thermodynamic, Kinetic, Structural, and Computational Studies of the $\text{Ph}_3\text{Sn}^{\ominus}\text{H}$, $\text{Ph}_3\text{Sn}^{\ominus}\text{SnPh}_3$, and $\text{Ph}_3\text{Sn}^{\ominus}\text{Cr}(\text{CO})_3\text{C}_5\text{Me}_5$ Bond Dissociation Enthalpies. <i>Inorganic Chemistry</i> , 2016, 55, 10751-10766.	4.0	4
7	Reactions of $\text{Sn}(\text{Si}(\text{Bu})_2\text{Me})_3$ with $\text{HM}(\text{CO})_3\text{C}_5\text{R}_5$ (M = Cr or Mo, R = H or CH ₃) and Hg. Ionic, covalent, and $\frac{1}{4}$ -CO bonding patterns between transition metals and tin. <i>Inorganica Chimica Acta</i> , 2018, 469, 550-560.	2.4	4
8	Promiscuous Catalytic Activity of a Binuclear <i>Metallohydrolase</i> : Peptide and Phosphoester Hydrolyses. <i>Journal of Chemical Information and Modeling</i> , 2022, , .	5.4	3
9	Ligand-Directed Reactivity in Dioxygen and Water Binding to $\text{cis}[\text{Pd}(\text{NHC})_2(\hat{1}\text{-}2\text{-O}_2)]$. <i>Journal of the American Chemical Society</i> , 2018, 140, 264-276.	13.7	2
10	N-heterocyclic carbene complexes of palladium in oxygen atom transfer reactions involving the making and breaking of N-O bonds. <i>Inorganica Chimica Acta</i> , 2017, 468, 285-293.	2.4	1