Juan Alejandro Allegretto

List of Publications by Year
in descending order

10	133	1307366 7	1281743 11
papers	citations	h-index	g-index

11	11	11	139
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biofunctionalization of Grapheneâ€Based FET Sensors through Heterobifunctional Nanoscaffolds: Technology Validation toward Rapid COVIDâ€19 Diagnostics and Monitoring. Advanced Materials Interfaces, 2022, 9, 2102526.	1.9	26
2	Shedding Light on the Dark Corners of Metalâ€“Organic Framework Thin Films: Growth and Structural Stability of ZIF-8 Layers Probed by Optical Waveguide Spectroscopy. Journal of Physical Chemistry A, 2019, 123, 1100-1109.	1.1	21
3	Synthesis and characterization of thermoresponsive ZIF-8@PNIPAm-co-MAA microgel composites with enhanced performance as an adsorption/release platform. RSC Advances, 2020, 10, 2453-2461.	1.7	20
4	Metalâ€“organic frameworks meet polymer brushes: enhanced crystalline film growth induced by macromolecular primers. Materials Chemistry Frontiers, 2017, 1, 2256-2260.	3.2	19
5	Surface Engineering of Graphene through Heterobifunctional Supramolecular-Covalent Scaffolds for Rapid COVID-19 Biomarker Detection. ACS Applied Materials & Interfaces, 2021, 13, 43696-43707.	4.0	13
6	Growth of ZIFâ€8 MOF Films with Tunable Porosity by using Poly (1â€vinylimidazole) Brushes as 3D Primers. Chemistry - A European Journal, 2020, 26, 12388-12396.	1.7	11
7	Polyelectrolyte Capping As Straightforward Approach toward Manipulation of Diffusive Transport in MOF Films. Langmuir, 2018, 34, 425-431.	1.6	8
8	Triggering doxorubicin release from responsive hydrogel films by polyamine uptake. Soft Matter, 2020, 16, 7492-7502.	1.2	6
9	Post-synthetic modification and chemical modulation of the ZIF-8 MOF using 3-mercaptopropionic acid (MPA): a multi-technique study on thermodynamic and kinetic aspects. Molecular Systems Design and Engineering, 2022, 7, 101-111.	1.7	5
10	Impact of Chemical Primers on the Growth, Structure, and Functional Properties of ZIF-8 Films. Journal of Physical Chemistry C, 2022, 126, 6724-6735.	1.5	3