Adalgisa Tavolaro

List of Publications by Year
in descending order

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30	827	687363 13	501196 28
papers	citations	h-index	g-index

31	31	31	886
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removal of Transition Metals from Contaminated Aquifers by PRB Technology: Performance Comparison among Reactive Materials. International Journal of Environmental Research and Public Health, 2021, 18, 6075.	2.6	3
2	Porous Carbon Materials Obtained by the Hydrothermal Carbonization of Orange Juice. Nanomaterials, 2020, 10, 655.	4.1	29
3	Zeolite-Assisted Shear Exfoliation of Graphite into Few-Layer Graphene. Crystals, 2019, 9, 377.	2.2	14
4	Preparation of Few-Layer Graphene Dispersions from Hydrothermally Expanded Graphite. Applied Sciences (Switzerland), 2019, 9, 2539.	2.5	31
5	Anticancer activity modulation of an innovative solid formulation of extra virgin olive oil by cultured zeolite scaffolds. Food and Chemical Toxicology, 2019, 124, 139-150.	3.6	10
6	Adsorption Performance Analysis of Alternative Reactive Media for Remediation of Aquifers Affected by Heavy Metal Contamination. International Journal of Environmental Research and Public Health, 2018, 15, 980.	2.6	3
7	Cresyl Violet Adsorption on Sonicated Graphite Oxide. Journal of Nanoscience and Nanotechnology, 2018, 18, 3006-3011.	0.9	5
8	COMPARISION OF PURE MEMBRANES OF 13X AND 5A ZEOLITE FOR REMOVAL OF ACRIDINE ORANGE DYE FROM AQUEOUS SOLUTIONS. Periodico Tche Quimica, 2018, 15, 251-256.	0.1	2
9	Use of Vegetable Fibers for PRB to Remove Heavy Metals from Contaminated Aquifersâ€"Comparisons among Cabuya Fibers, Broom Fibers and ZVI. International Journal of Environmental Research and Public Health, 2017, 14, 684.	2.6	14
10	Effect of Physicochemical Characteristics of Pure and Hybrid Zeolite Scaffolds on Neoplastic Cell Activities. Advanced Science Letters, 2017, 23, 5844-5846.	0.2	1
11	Fabrication and evaluation of novel zeolite membranes to control the neoplastic activity and anti-tumoral drug treatments in human breast cancer cells. Part 1: Synthesis and characterization of Pure Zeolite Membranes and Mixed Matrix Membranes for adhesion and growth of cancer cells. Materials Science and Engineering C, 2016, 69, 894-904.	7.3	14
12	Zeolite scaffolds for cultures of human breast cancer cells. Part II: Effect of pure and hybrid zeolite membranes on neoplastic and metastatic activity control. Materials Science and Engineering C, 2016, 68, 474-481.	7.3	6
13	Zeolite inorganic scaffolds for novel biomedical application: Effect of physicochemical characteristic of zeolite membranes on cell adhesion and viability. Applied Surface Science, 2016, 380, 135-140.	6.1	24
14	Liquid-phase exfoliated graphene self-assembled films: Low-frequency noise and thermal-electric characterization. Applied Surface Science, 2016, 380, 268-273.	6.1	14
15	Removal of acridine orange from water by graphene oxide. AIP Conference Proceedings, 2015, , .	0.4	13
16	Preparation of graphene oxide as biomaterials for drug adsorption. AIP Conference Proceedings, 2015, , .	0.4	13
17	Hydrothermal synthesis of zeolite composite membranes and crystals as potential vectors for drug-delivering biomaterials. Microporous and Mesoporous Materials, 2013, 167, 62-70.	4.4	25
18	Influence of zeolite PZC and pH on the immobilization of cytochrome c: A preliminary study regarding the preparation of new biomaterials. Colloids and Surfaces B: Biointerfaces, 2009, 70, 98-107.	5.0	25

#	Article	IF	Citations
19	The preparation of transition metal-containing mordenite catalytic tubular composite membranes. Catalysis Communications, 2009, 10, 586-591.	3.3	7
20	LTA zeolite composite membrane preparation, characterization and application in a zeolitic membrane reactor. Catalysis Communications, 2007, 8, 789-794.	3.3	31
21	Zeolite inorganic supports for BSA immobilization: Comparative study of several zeolite crystals and composite membranes. Colloids and Surfaces B: Biointerfaces, 2007, 55, 67-76.	5.0	52
22	Zeolitic inorganic supports for the cytochrome c immobilization: comparative study of several zeolite membranes. Desalination, 2006, 200, 516-517.	8.2	3
23	Influence of synthesis parameters on vanadium-silicalite-1 crystal growth prepared with fluoride-containing media. Journal of Crystal Growth, 2006, 289, 609-616.	1.5	12
24	VS-1 composite membrane: preparation and characterization. Desalination, 2002, 147, 333-338.	8.2	15
25	Synthesis and characterization of a mordenite membrane on an Î±â€Al2O3 tubular support. Journal of Materials Chemistry, 2000, 10, 1131-1137.	6.7	34
26	Zeolite Membranes. Advanced Materials, 1999, 11, 975-996.	21.0	380
27	Selective benzene isopropylation over Fe-containing zeolite beta. Studies in Surface Science and Catalysis, 1997, 105, 1325-1332.	1.5	10
28	Thermal characterization of the metal-silicalites obtained from aqueous nonalkaline fluoride gels. Journal of Thermal Analysis, 1996, 47, 171-179.	0.6	11
29	Formation of MFI crystalline zeosilites from fluoride-containing silicate gels. Zeolites, 1992, 12, 756-761.	0.5	26
30	Zeolites as Chameleon Biomaterials: Adsorption of Proteins, Enzymes, Foods, Drugs, Human Cells, and Metals on Zeolite Membranes with Versatile Physics-Chemical Properties. , 0, , .		0