

Adalgisa Tavolaro

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

827
citations

687363

13
h-index

501196

28
g-index

31
all docs

31
docs citations

31
times ranked

886
citing authors

#	ARTICLE	IF	CITATIONS
1	Zeolite Membranes. <i>Advanced Materials</i> , 1999, 11, 975-996.	21.0	380
2	Zeolite inorganic supports for BSA immobilization: Comparative study of several zeolite crystals and composite membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 55, 67-76.	5.0	52
3	Synthesis and characterization of a mordenite membrane on an Al_2O_3 tubular support. <i>Journal of Materials Chemistry</i> , 2000, 10, 1131-1137.	6.7	34
4	LTA zeolite composite membrane preparation, characterization and application in a zeolitic membrane reactor. <i>Catalysis Communications</i> , 2007, 8, 789-794.	3.3	31
5	Preparation of Few-Layer Graphene Dispersions from Hydrothermally Expanded Graphite. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2539.	2.5	31
6	Porous Carbon Materials Obtained by the Hydrothermal Carbonization of Orange Juice. <i>Nanomaterials</i> , 2020, 10, 655.	4.1	29
7	Formation of MFI crystalline zeosilites from fluoride-containing silicate gels. <i>Zeolites</i> , 1992, 12, 756-761.	0.5	26
8	Influence of zeolite PZC and pH on the immobilization of cytochrome c: A preliminary study regarding the preparation of new biomaterials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 70, 98-107.	5.0	25
9	Hydrothermal synthesis of zeolite composite membranes and crystals as potential vectors for drug-delivering biomaterials. <i>Microporous and Mesoporous Materials</i> , 2013, 167, 62-70.	4.4	25
10	Zeolite inorganic scaffolds for novel biomedical application: Effect of physicochemical characteristic of zeolite membranes on cell adhesion and viability. <i>Applied Surface Science</i> , 2016, 380, 135-140.	6.1	24
11	VS-1 composite membrane: preparation and characterization. <i>Desalination</i> , 2002, 147, 333-338.	8.2	15
12	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. <i>Materials Science and Engineering C</i> , 2016, 69, 894-904.	7.3	14
13	Liquid-phase exfoliated graphene self-assembled films: Low-frequency noise and thermal-electric characterization. <i>Applied Surface Science</i> , 2016, 380, 268-273.	6.1	14
14	Use of Vegetable Fibers for PRB to Remove Heavy Metals from Contaminated Aquifers—Comparisons among Cabuya Fibers, Broom Fibers and ZVI. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 684.	2.6	14
15	Zeolite-Assisted Shear Exfoliation of Graphite into Few-Layer Graphene. <i>Crystals</i> , 2019, 9, 377.	2.2	14
16	Removal of acridine orange from water by graphene oxide. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	13
17	Preparation of graphene oxide as biomaterials for drug adsorption. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	13
18	Influence of synthesis parameters on vanadium-silicalite-1 crystal growth prepared with fluoride-containing media. <i>Journal of Crystal Growth</i> , 2006, 289, 609-616.	1.5	12

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19	Thermal characterization of the metal-silicalites obtained from aqueous nonalkaline fluoride gels. <i>Journal of Thermal Analysis</i> , 1996, 47, 171-179.	0.6	11
20	Selective benzene isopropylation over Fe-containing zeolite beta. <i>Studies in Surface Science and Catalysis</i> , 1997, 105, 1325-1332.	1.5	10
21	Anticancer activity modulation of an innovative solid formulation of extra virgin olive oil by cultured zeolite scaffolds. <i>Food and Chemical Toxicology</i> , 2019, 124, 139-150.	3.6	10
22	The preparation of transition metal-containing mordenite catalytic tubular composite membranes. <i>Catalysis Communications</i> , 2009, 10, 586-591.	3.3	7
23	Zeolite scaffolds for cultures of human breast cancer cells. Part II: Effect of pure and hybrid zeolite membranes on neoplastic and metastatic activity control. <i>Materials Science and Engineering C</i> , 2016, 68, 474-481.	7.3	6
24	Cresyl Violet Adsorption on Sonicated Graphite Oxide. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 3006-3011.	0.9	5
25	Zeolitic inorganic supports for the cytochrome c immobilization: comparative study of several zeolite membranes. <i>Desalination</i> , 2006, 200, 516-517.	8.2	3
26	Adsorption Performance Analysis of Alternative Reactive Media for Remediation of Aquifers Affected by Heavy Metal Contamination. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 980.	2.6	3
27	Removal of Transition Metals from Contaminated Aquifers by PRB Technology: Performance Comparison among Reactive Materials. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6075.	2.6	3
28	COMPARISON OF PURE MEMBRANES OF 13X AND 5A ZEOLITE FOR REMOVAL OF ACRIDINE ORANGE DYE FROM AQUEOUS SOLUTIONS. <i>Periodico Tche Quimica</i> , 2018, 15, 251-256.	0.1	2
29	Effect of Physicochemical Characteristics of Pure and Hybrid Zeolite Scaffolds on Neoplastic Cell Activities. <i>Advanced Science Letters</i> , 2017, 23, 5844-5846.	0.2	1
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