

# Elshad Abdullayev

## List of Publications by Year in descending order

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22  
papers

3,683  
citations

430754

18  
h-index

713332

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3071  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytocompatibility and Uptake of Halloysite Clay Nanotubes. <i>Biomacromolecules</i> , 2010, 11, 820-826.	2.6	568
2	Functional polymer-clay nanotube composites with sustained release of chemical agents. <i>Progress in Polymer Science</i> , 2013, 38, 1690-1719.	11.8	480
3	Enlargement of Halloysite Clay Nanotube Lumen by Selective Etching of Aluminum Oxide. <i>ACS Nano</i> , 2012, 6, 7216-7226.	7.3	384
4	Halloysite Tubes as Nanocontainers for Anticorrosion Coating with Benzotriazole. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 1437-1443.	4.0	362
5	Clay nanotubes for corrosion inhibitor encapsulation: release control with end stoppers. <i>Journal of Materials Chemistry</i> , 2010, 20, 6681.	6.7	250
6	Natural Tubule Clay Template Synthesis of Silver Nanorods for Antibacterial Composite Coating. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 4040-4046.	4.0	235
7	Self-Healing Coatings Based on Halloysite Clay Polymer Composites for Protection of Copper Alloys. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 4464-4471.	4.0	216
8	Halloysite clay nanotubes as a ceramic "skeleton" for functional biopolymer composites with sustained drug release. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2894.	2.9	208
9	Halloysite nanotubule clay for efficient water purification. <i>Journal of Colloid and Interface Science</i> , 2013, 406, 121-129.	5.0	189
10	Halloysite Clay Nanotubes for Controlled Release of Protective Agents. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 10007-10026.	0.9	187
11	Interfacial Modification of Clay Nanotubes for the Sustained Release of Corrosion Inhibitors. <i>Langmuir</i> , 2013, 29, 7439-7448.	1.6	137
12	Clay Nanotube/Poly(methyl methacrylate) Bone Cement Composites with Sustained Antibiotic Release. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 645-653.	1.7	124
13	Enhanced efficiency of antiseptics with sustained release from clay nanotubes. <i>RSC Advances</i> , 2014, 4, 488-494.	1.7	116
14	Natural Nanocontainer for the Controlled Delivery of Glycerol as a Moisturizing Agent. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 661-665.	0.9	67
15	Catalytic cracking of vegetable oils and vacuum gasoil with commercial high alumina zeolite and halloysite nanotubes for biofuel production. <i>Fuel</i> , 2016, 181, 55-63.	3.4	45
16	Nonlinear optics of nontoxic nanomaterials. <i>Optics Communications</i> , 2010, 283, 438-441.	1.0	27
17	Halloysite- $\gamma$ -zeolite blends as novel mesoporous catalysts for the cracking of waste vegetable oils with vacuum gasoil. <i>Fuel</i> , 2014, 117, 552-555.	3.4	22
18	Acid treated halloysite clay nanotubes as catalyst supports for fuel production by catalytic hydrocracking of heavy crude oil. <i>Fuel</i> , 2016, 184, 555-558.	3.4	22

#	ARTICLE	IF	CITATIONS
19	Enhanced flame retardancy of latex coating doped with clay nanotubes. Journal of Coatings Technology Research, 2016, 13, 535-541.	1.2	16
20	Adsorptive Desulfurization of the Gasoline Obtained from Low-Pressure Hydrocracking of the Vacuum Residue Using a Nickel/Bentonite Catalyst. Energy & Fuels, 2017, 31, 5840-5843.	2.5	15
21	Nanotubular Halloysite Clay as Efficient Water Filtration System for Removal of Cationic and Anionic Dyes. IOP Conference Series: Materials Science and Engineering, 2014, 64, 012043.	0.3	12
22	HALLOYSITE TUBULE NANOREACTORS FOR INDUSTRIAL AND AGRICULTURAL APPLICATIONS. , 2015, , 363-382.		1