

Sami Ullah

List of Publications by Year in descending order

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docs citations

127
times ranked

2410
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct synthesis of large-area Al-doped graphene by chemical vapor deposition: Advancing the substitutionally doped graphene family. Nano Research, 2022, 15, 1310-1318.	10.4	18
2	Quasistatic Equilibrium Chemical Vapor Deposition of Graphene. Advanced Materials Interfaces, 2022, 9, 2101500.	3.7	4
3	Experimental and Molecular Docking Studies of Cyclic Diphenyl Phosphonates as DNA Gyrase Inhibitors for Fluoroquinolone-Resistant Pathogens. Antibiotics, 2022, 11, 53.	3.7	8
4	Recent global warming as a proximate cause of deforestation and forest degradation in northern Pakistan. PLoS ONE, 2022, 17, e0260607.	2.5	8
5	Synthesis, Nanoformulations, and In Vitro Anticancer Activity of N-Substituted Side Chain Neocryptolepine Scaffolds. Molecules, 2022, 27, 1024.	3.8	5
6	Curcumin-Injected Musca domestica Larval Hemolymph: Cecropin Upregulation and Potential Anticancer Effect. Molecules, 2022, 27, 1570.	3.8	3
7	The regulation of HBP1, SIRT1, and SREBP-1c genes and the related microRNAs in non-alcoholic fatty liver rats: The association with the folic acid anti-steatosis. PLoS ONE, 2022, 17, e0265455.	2.5	9
8	Synthesis-structure-property relationship of nitrogen-doped porous covalent triazine frameworks for pre-combustion CO ₂ capture. Energy, 2021, 216, 119230.	8.8	15
9	Exploring the effect of oligothiophene and acene cores on the optoelectronic properties and enhancing p- and n-type ability of semiconductor materials. Journal of Sulfur Chemistry, 2021, 42, 180-192.	2.0	16
10	An exploration of the optoelectronic nature of 4,4-difluoro-8-(C ₄ H ₃ X)-4-bora-3a,4a-diaza-s-indacene (X = O, S, Se) (BODIPY) systems. Journal of Computational Electronics, 2021, 20, 368-376.	2.5	1
11	Effect of expandable graphite and ammonium polyphosphate on the thermal degradation and weathering of intumescent <scp>fireâ€retardant</scp> coating. Journal of Applied Polymer Science, 2021, 138, 50310.	2.6	12
12	Modelling the higher heating value of municipal solid waste for assessment of waste-to-energy potential: A sustainable case study. Journal of Cleaner Production, 2021, 287, 125575.	9.3	57
13	Nuclear Desalination. Advances in Science, Technology and Innovation, 2021, , 121-135.	0.4	1
14	Biological Methods for Carbon Dioxide Conversion and Utilization. Advances in Science, Technology and Innovation, 2021, , 165-177.	0.4	1
15	Graphene transfer methods: A review. Nano Research, 2021, 14, 3756-3772.	10.4	95
16	Development of a novel switched packed bed process for cryogenic CO ₂ capture from natural gas. Chemical Engineering Research and Design, 2021, 147, 878-887.	5.6	39
17	Comparison of Nigella sativa and Trachyspermum ammi via experimental investigation and biotechnological potential. Chemical Engineering and Processing: Process Intensification, 2021, 161, 108313.	3.6	9
18	Experimental and theoretical investigations on kinetic mechanisms of low-pressure CO ₂ adsorption onto Malaysian coals. Journal of Natural Gas Science and Engineering, 2021, 88, 103828.	4.4	15

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19	Adsorption behavior of mercury over hydrated lime: Experimental investigation and adsorption process characteristic study. <i>Chemosphere</i> , 2021, 271, 129504.	8.2	32
20	Sustainable functionalized metal-organic framework NH ₂ -MIL-101(Al) for CO ₂ separation under cryogenic conditions. <i>Environmental Pollution</i> , 2021, 279, 116924.	7.5	23
21	Sources, chemistry, bioremediation and social aspects of arsenic-contaminated waters: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 3859-3886.	16.2	31
22	Sustainable mixed matrix membranes containing porphyrin and polysulfone polymer for acid gas separations. <i>Journal of Hazardous Materials</i> , 2021, 411, 125155.	12.4	20
23	Effects of expandable graphite on char morphology and pyrolysis of epoxy based intumescent fire-retardant coating. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51206.	2.6	5
24	Review of biodiesel synthesis technologies, current trends, yield influencing factors and economical analysis of supercritical process. <i>Journal of Cleaner Production</i> , 2021, 309, 127388.	9.3	69
25	Exploring the charge injection aptitude in pyrazol and oxazole derivatives by the first-principles approach. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021, .	2.8	0
26	History and development of nanomaterials. , 2021, , 1-14.		3
27	Application of Membrane in Reaction Engineering for Green Synthesis. <i>Advances in Science, Technology and Innovation</i> , 2021, , 163-171.	0.4	0
28	CO ₂ -Philic Surfactants: Structure Performance Relationship. <i>Petroleum Engineering</i> , 2021, , 315-327.	1.0	0
29	Synthesis and Characterization of Waste Eggshell-Based Montmorillonite Clay Catalyst for Biodiesel Production from Waste Cooking Oil. <i>E3S Web of Conferences</i> , 2021, 287, 02006.	0.5	0
30	Applications of Polymeric Materials in Biomedical Engineering. <i>Advances in Science, Technology and Innovation</i> , 2021, , 133-142.	0.4	1
31	Preparation and Characterization of Silymarin-Conjugated Gold Nanoparticles with Enhanced Anti-Fibrotic Therapeutic Effects against Hepatic Fibrosis in Rats: Role of MicroRNAs as Molecular Targets. <i>Biomedicines</i> , 2021, 9, 1767.	3.2	21
32	Phytochemical Characterization and Evaluation of Biological Activities of Egyptian Carob Pods (<i>Ceratonia siliqua</i> L.) Aqueous Extract: In Vitro Study. <i>Plants</i> , 2021, 10, 2626.	3.5	10
33	Latest trends for structural steel protection by using intumescent fire protective coatings: a review. <i>Surface Engineering</i> , 2020, 36, 334-363.	2.2	36
34	Synthesis and characterization of mesoporous MOF UCMCM-1 for CO ₂ /CH ₄ adsorption; an experimental, isotherm modeling and thermodynamic study. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109844.	4.4	52
35	Characteristically Insights, Artificial Neural Network (ANN), Equilibrium, and Kinetic Studies of Pb(II) Ion Adsorption on Rice Husks Treated with Nitric Acid. <i>International Journal of Environmental Research</i> , 2020, 14, 43-60.	2.3	21
36	Experimental investigations on the regeneration of desulfurized 1- <i>n</i> -butyl-3-methylimidazolium tetrachloroferrate [Bmim][FeCl ₄] and 1- <i>n</i> -butyl-3-methylimidazolium thiocyanate [Bmim][SCN] ionic liquids: A raman spectroscopic study. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 546-554.	2.5	6

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37	Synthesis, characterization and quantum chemical study of optoelectronic nature of ferrocene derivatives. Bulletin of Materials Science, 2020, 43, 1.	1.7	13
38	Experimental investigation and modeling of the density, refractive index, and dynamic viscosity of 1-Propyronitrile-3-Butylimidazolium Dicyanamide. Journal of Molecular Liquids, 2020, 302, 112470.	4.9	2
39	CO ₂ /CH ₄ adsorption over functionalized multi-walled carbon nanotubes; an experimental study, isotherms analysis, mechanism, and thermodynamics. Microporous and Mesoporous Materials, 2020, 294, 109883.	4.4	48
40	Influence of post-synthetic graphene oxide (GO) functionalization on the selective CO ₂ /CH ₄ adsorption behavior of MOF-200 at different temperatures; an experimental and adsorption isotherms study. Microporous and Mesoporous Materials, 2020, 296, 110002.	4.4	73
41	Exploration the effect of metal and electron withdrawing groups on charge transport and optoelectronic nature of schiff base Ni(II), Cu(II) and Zn(II) complexes at molecular and solid-state bulk scales. Materials Science in Semiconductor Processing, 2020, 107, 104855.	4.0	39
42	Enhanced cryogenic packed bed with optimal CO ₂ removal from natural gas; a joint computational and experimental approach. Cryogenics, 2020, 105, 103010.	1.7	24
43	Experimental and comparative theoretical study of thermal conductivity of MWCNTs-kapok seed oil-based nanofluid. International Communications in Heat and Mass Transfer, 2020, 110, 104402.	5.6	14
44	A review on CO ₂ capture via nitrogen-doped porous polymers and catalytic conversion as a feedstock for fuels. Journal of Cleaner Production, 2020, 277, 123999.	9.3	45
45	Impact of amine functionality on the selective CO ₂ /CH ₄ adsorption behavior of porous covalent triazine adsorbent. Journal of Natural Gas Science and Engineering, 2020, 83, 103582.	4.4	13
46	Separation of CO ₂ from Small Gas Molecules Using Deca-Dodecyl 3 Rhombohedral (DDR3) Membrane Synthesized via Ultrasonically Assisted Hydrothermal Growth Method. Advances in Polymer Technology, 2020, 2020, 1-8.	1.7	6
47	Influence of interfacial layer parameters on gas transport properties through modeling approach in MWCNTs based mixed matrix composite membranes. Chemical Engineering Science, 2020, 218, 115543.	3.8	21
48	Improved fire resistance of boron nitride/epoxy intumescent coating upon minor addition of nano-alumina. Materials Chemistry and Physics, 2020, 256, 123634.	4.0	17
49	Experimental measurements of carbon dioxide, methane and nitrogen high-pressure adsorption properties onto Malaysian coals under various conditions. Energy, 2020, 210, 118575.	8.8	29
50	Advances and Trends in Chemically Doped Graphene. Advanced Materials Interfaces, 2020, 7, 2000999.	3.7	58
51	Exploration of electronic nature and intrinsic mobility of 10-(1,3-dithiol-2-ylidene)anthracene based organic semiconductor materials. Optik, 2020, 224, 165530.	2.9	12
52	Lead and cadmium removal from wastewater using eco-friendly biochar adsorbent derived from rice husk, wheat straw, and corncob. Cleaner Engineering and Technology, 2020, 1, 100006.	4.0	50
53	Hole transport nature exploration of 4,4-Difluoro-8-(C ₄ H ₃ X)-4-bora-3,4-diaza-s-indacene (X=O, S, Se) (BODIPY) systems. Molecular Simulation, 2020, 46, 1334-1339.		5
54	Phytosynthesis of cerium oxide nanoparticles and investigation of their photocatalytic potential for degradation of phenol under visible light. Journal of Molecular Structure, 2020, 1217, 128292.	3.6	40

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55	A 424-year tree-ring-based Palmer Drought Severity Index reconstruction of <i>Cedrus deodara</i> AD. Don from the Hindu Kush Range of Pakistan: linkages to ocean oscillations. <i>Climate of the Past</i> , 2020, 16, 783-798.	3.4	17
56	Characterization of Mukah-Balingian and Merit-Pila Coals before and after Subcritical CO ₂ Exposure Using Surface-Area Techniques. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, .	1.4	11
57	Quantum chemical, experimental exploration of biological activity and inhibitory potential of new cytotoxic kochiosides from <i>Kochia prostrata</i> (L.) Schrad. <i>Journal of Theoretical and Computational Chemistry</i> , 2020, 19, 2050012.	1.8	6
58	Controllable phytosynthesis of gold nanoparticles and investigation of their size and morphology-dependent photocatalytic activity under visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 392, 112429.	3.9	32
59	CO ₂ capturing, thermo-kinetic principles, synthesis and amine functionalization of covalent organic polymers for CO ₂ separation from natural gas: A review. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 77, 103203.	4.4	68
60	Equilibrium, kinetics and artificial intelligence characteristic analysis for Zn (II) ion adsorption on rice husks digested with nitric acid. <i>Paddy and Water Environment</i> , 2020, 18, 455-468.	1.8	11
61	Thermal Conductivity of Multiwalled Carbon Nanotubes-Kapok Seed Oil-Based Nanofluid. <i>Chemical Engineering and Technology</i> , 2020, 43, 1638-1647.	1.5	3
62	Carbonic anhydrase and cholinesterase inhibitory activities of isolated flavonoids from <i>Oxalis corniculata</i> L. and their first-principles investigations. <i>Industrial Crops and Products</i> , 2020, 148, 112285.	5.2	23
63	Synthesis and Stability of Metal-organic Frameworks (MOFs) Photocatalysts for the Removal of Persistent Organic Pollutants (POPs) from Wastewater. <i>Current Analytical Chemistry</i> , 2020, 17, 61-81.	1.2	7
64	Synthesis, characterization, stability and thermal conductivity of multi-walled carbon nanotubes (MWCNTs) and eco-friendly jatropha seed oil based nanofluid: An experimental investigation and modeling approach. <i>Journal of Molecular Liquids</i> , 2019, 293, 111534.	4.9	59
65	Exploration of optoelectronic and photosensitization properties of triphenylamine-based organic dye on TiO ₂ surfaces. <i>Journal of Computational Electronics</i> , 2019, 18, 1119-1127.	2.5	12
66	Synthesis and characterization of iso-reticular metal-organic Framework-3 (IRMOF-3) for CO ₂ /CH ₄ adsorption: Impact of post-synthetic aminomethyl propanol (AMP) functionalization. <i>Journal of Natural Gas Science and Engineering</i> , 2019, 72, 103014.	4.4	32
67	Synthesis of Doped Porous 3D Graphene Structures by Chemical Vapor Deposition and Its Applications. <i>Advanced Functional Materials</i> , 2019, 29, 1904457.	14.9	64
68	High-temperature CO ₂ removal from CH ₄ using silica membrane: experimental and neural network modeling. , 2019, 9, 1010-1026.		22
69	An investigation on thermal performance of wollastonite and bentonite reinforced intumescent fire-retardant coating for steel structures. <i>Construction and Building Materials</i> , 2019, 228, 116734.	7.2	31
70	Synergistic effect of basalt fiber on the thermal properties of intumescent fire retardant coating. <i>Materials Today: Proceedings</i> , 2019, 16, 2030-2038.	1.8	6
71	Reactive kinetics of carbon dioxide loaded aqueous blend of 2-amino-2-ethyl-1,3-propanediol and piperazine using a pressure drop method. <i>International Journal of Chemical Kinetics</i> , 2019, 51, 291-298.	1.6	15
72	Synthesis, and characterization of metal-organic frameworks -177 for static and dynamic adsorption behavior of CO ₂ and CH ₄ . <i>Microporous and Mesoporous Materials</i> , 2019, 288, 109569.	4.4	50

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73	Quantifying the effects of basalt fibers on thermal degradation and fire performance of epoxy-based intumescent coating for fire protection of steel substrate. Progress in Organic Coatings, 2019, 132, 148-158.	3.9	30
74	Phenol Formaldehyde Resin for Hydrophilic Cellulose Paper. Advances in Science, Technology and Innovation, 2019, , 89-92.	0.4	9
75	The study of adhesion between steel substrate, primer, and char of intumescent fire retardant coating. Progress in Organic Coatings, 2019, 127, 181-193.	3.9	23
76	Adsorption of pure and predicted binary (CO ₂ :CH ₄) mixtures on 13X-Zeolite: Equilibrium and kinetic properties at offshore conditions. Microporous and Mesoporous Materials, 2018, 267, 221-234.	4.4	37
77	Adsorption performance of 5A molecular sieve zeolite in water vaporâ€“binary gas environment: Experimental and modeling evaluation. Journal of Industrial and Engineering Chemistry, 2018, 64, 173-187.	5.8	37
78	Effects of nano-sized boron nitride on thermal decomposition and water resistance behaviour of epoxy-based intumescent coating. Journal of Analytical and Applied Pyrolysis, 2018, 132, 171-183.	5.5	31
79	Total and partial uptakes of multicomponent vapor-gas mixtures on 13X zeolite at 343K: Experimental and modeling study. Microporous and Mesoporous Materials, 2018, 258, 95-113.	4.4	18
80	Experimental measurements and modeling of supercritical CO ₂ adsorption on 13X and 5A zeolites. Journal of Natural Gas Science and Engineering, 2018, 50, 115-127.	4.4	58
81	CO ₂ foam for enhanced oil recovery (EOR) applications using low adsorption surfactant structure. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	15
82	Effects of Halloysite Nanotube Reinforcement in Expandable Graphite Based Intumescent Fire Retardant Coatings Developed Using Hybrid Epoxy Binder System. Chinese Journal of Polymer Science (English Edition), 2018, 36, 1286-1296.	3.8	19
83	Thermal degradation and pyrolysis analysis of zinc borate reinforced intumescent fire retardant coatings. Progress in Organic Coatings, 2018, 123, 82-98.	3.9	61
84	Effect of basalt fibers dispersion on steel fire protection performance of epoxy-based intumescent coatings. Progress in Organic Coatings, 2018, 122, 229-238.	3.9	44
85	The role of multi-wall carbon nanotubes in char strength of epoxy based intumescent fire retardant coating. Journal of Analytical and Applied Pyrolysis, 2017, 124, 149-160.	5.5	41
86	The Role of Bentonite Clay on Improvement in Char Adhesion of Intumescent Fire-Retardant Coating with Steel Substrate. Arabian Journal for Science and Engineering, 2017, 42, 2043-2053.	3.0	24
87	Effect of task specific thiocyanate based ionic liquids on relative volatility of cyclohexane and benzene azeotropic mixture. Journal of Molecular Liquids, 2017, 238, 208-214.	4.9	14
88	Effects of ammonium polyphosphate and boric acid on the thermal degradation of an intumescent fire retardant coating. Progress in Organic Coatings, 2017, 109, 70-82.	3.9	71
89	Experimental and Neural Network Modeling of Partial Uptake for a Carbon Dioxide/Methane/Water Ternary Mixture on 13X Zeolite. Energy Technology, 2017, 5, 1373-1391.	3.8	51
90	Conversion of glycerol to polyglycerol over waste duck-bones as a catalyst in solvent free etherification process. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012073.	0.6	6

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91	Effects of talc on fire retarding, thermal degradation and water resistance of intumescent coating. Applied Clay Science, 2017, 146, 350-361.	5.2	52
92	Thermal and pyrolysis analysis of minerals reinforced intumescent fire retardant coating. Progress in Organic Coatings, 2017, 102, 201-216.	3.9	55
93	Optimization of Biodiesel Production over Alkaline Modified Clay Catalyst. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2017, 96, 456-462.	0.2	14
94	Experimental Study of Corrosion on A36 Mild Steel Towards Aqueous 2-Amino-2-Ethyl-1, 3-Propanediol and Diethanolamine. International Journal of Electrochemical Science, 2017, 12, 1642-1656.	1.3	9
95	Effective CO ₂ adsorption on pristine and chemically functionalized MWCNTs. AIP Conference Proceedings, 2016, , .	0.4	3
96	Quantitative structure–activity relationships (QSARs) for estimation of activity coefficient at infinite dilution of water in ionic liquids for natural gas dehydration. Journal of the Taiwan Institute of Chemical Engineers, 2016, 66, 222-229.	5.3	26
97	The Role of Multiwall Carbon Nanotubes in Cu–BTC Metal–Organic Frameworks for CO ₂ Adsorption. Journal of the Chinese Chemical Society, 2016, 63, 1022-1032.	1.4	26
98	Effect of Dolomite Clay on Thermal Performance and Char Morphology of Expandable Graphite Based Intumescent Fire Retardant Coatings. Procedia Engineering, 2016, 148, 146-150.	1.2	19
99	Process Optimization for Biodiesel Production from Waste Frying Oil over Montmorillonite Clay K-30. Procedia Engineering, 2016, 148, 742-749.	1.2	16
100	Investigations on spatial distribution of low temperature plasma parameters using NiCr wire probe diagnostic. Measurement: Journal of the International Measurement Confederation, 2016, 91, 194-200.	5.0	3
101	Experimental and quantum study of corrosion of A36 mild steel towards 1-butyl-3-methylimidazolium tetrachloroferrate ionic liquid. Applied Surface Science, 2016, 365, 76-83.	6.1	34
102	Thermal performance of glass fiber reinforced intumescent fire retardant coating for structural applications. AIP Conference Proceedings, 2015, , .	0.4	2
103	Tuning ionic liquids for natural gas dehydration using COSMO-RS methodology. Journal of Natural Gas Science and Engineering, 2015, 27, 1141-1148.	4.4	78
104	Density and excess molar volume of binary mixture of thiocyanate-based ionic liquids and methanol at temperatures 293.15–323.15K. Journal of Molecular Liquids, 2015, 211, 734-741.	4.9	29
105	Synthesis and Thermal Degradation Studies of Melamine Formaldehyde Resins. Scientific World Journal, The, 2014, 2014, 1-6.	2.1	40
106	Thermal performance of alumina filler reinforced intumescent fire retardant coating for structural application. IOP Conference Series: Materials Science and Engineering, 2014, 60, 012023.	0.6	4
107	TESTING OF NICKEL-CHROME ALLOY AS A TIP MATERIAL FOR MULTI-TIP LANGMUIR PROBES. Surface Review and Letters, 2014, 21, 1450056.	1.1	5
108	Effects of zirconium silicate reinforcement on expandable graphite based intumescent fire retardant coating. Polymer Degradation and Stability, 2014, 103, 49-62.	5.8	87

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109	Synergistic effects of kaolin clay on intumescent fire retardant coating composition for fire protection of structural steel substrate. <i>Polymer Degradation and Stability</i> , 2014, 110, 91-103.	5.8	79
110	The effect of 150µm expandable graphite on char expansion of intumescent fire retardant coating. , 2014, , .		1
111	Synthesis and CO ₂ adsorption study of modified MOF-5 with multi-wall carbon nanotubes and expandable graphite. <i>AIP Conference Proceedings</i> , 2014, , .	0.4	17
112	Effect of boric acid and melamine on the intumescent fire retardant coating composition for the fire protection of structural steel substrates. <i>Journal of Applied Polymer Science</i> , 2013, 128, 2983-2993.	2.6	71
113	Effect of Inorganic Fillers on Thermal Performance and Char Morphology of Intumescent Fire Retardant Coating. <i>Asian Journal of Scientific Research</i> , 2013, 6, 263-271.	0.1	33
114	To Study the Effect of Aluminium Trihydrate and Fumed Silica on Intumescent Fire Retardant Coating. <i>Journal of Applied Sciences</i> , 2012, 12, 2631-2635.	0.3	17
115	A Study of Bonding Mechanism of Expandable Graphite Based Intumescent Coating on Steel Substrate. <i>Journal of Applied Sciences</i> , 2011, 11, 1630-1635.	0.3	18
116	Effect of Boric Acid with Kaolin Clay on Thermal Degradation of Intumescent Fire Retardant Coating. <i>Journal of Applied Sciences</i> , 2011, 11, 3645-3649.	0.3	24
117	Enhancing the Char Resistant of Expandable Graphite Based Intumescent Fire Retardant Coatings by Using Multi-Wall Carbon Nano Tubes for Structural Steel. <i>Solid State Phenomena</i> , 0, 185, 90-93.	0.3	13
118	Development and Testing of Intumescent Fire Retardant Coating on Various Structural Geometries. <i>Applied Mechanics and Materials</i> , 0, 699, 360-365.	0.2	2
119	Interfacial Defects on Mixed Matrix Membranes and Mitigation Techniques for Gas Separation: A Review. <i>Applied Mechanics and Materials</i> , 0, 625, 653-656.	0.2	8
120	Synergistic Effect of Thiourea and Surfactants on Corrosion Inhibition of Stainless Steel-410 in Presence of Sulfuric Acid. <i>Applied Mechanics and Materials</i> , 0, 699, 186-191.	0.2	4
121	Effects of Intercalated Mono-, Di- and Triethanolammonium Cations on the Structural and Surface Characteristics of Sodium Form of Bentonite. <i>Applied Mechanics and Materials</i> , 0, 625, 98-101.	0.2	1
122	The Synergistic Effect of Thiourea and Surfactants on Corrosion Inhibition of Stainless Steel-316 in Hydrochloric Acid. <i>Advanced Materials Research</i> , 0, 917, 28-34.	0.3	5
123	Effect of Modified MIL-53 with Multi-Wall Carbon Nanotubes and Nanofibers on CO ₂ Adsorption. <i>Applied Mechanics and Materials</i> , 0, 625, 870-873.	0.2	21
124	Synthesis, CO ₂ Adsorption Performance of Modified MIL-101 with Multi-Wall Carbon Nanotubes. <i>Advanced Materials Research</i> , 0, 1133, 486-490.	0.3	10
125	Development and Characterization of Amine-Clay Hybrid Adsorbents for CO ₂ Capture. <i>Advanced Materials Research</i> , 0, 1133, 547-551.	0.3	2
126	CO ₂ -Philic Surfactants Structural Morphology Prerequisites for CO ₂ Philicity for Foam Durability for EOR Applications. , 0, , .		2

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127	Investigating the Bulk Level Optoelectronic Characteristics of 10-(1,3-Dithiol-2-Ylidene)Anthracene Based Light Harvesters. Polycyclic Aromatic Compounds, 0, , 1-10.	2.6	1