

Nalan Tekin

List of Publications by Year in descending order

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31
papers

844
citations

567281

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h-index

477307

29
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32
all docs

32
docs citations

32
times ranked

1217
citing authors

#	ARTICLE	IF	CITATIONS
1	Brilliant Yellow dye adsorption onto sepiolite using a full factorial design. <i>Applied Clay Science</i> , 2010, 50, 315-321.	5.2	156
2	Magnetic vinylphenyl boronic acid microparticles for Cr(VI) adsorption: Kinetic, isotherm and thermodynamic studies. <i>Journal of Hazardous Materials</i> , 2015, 286, 612-623.	12.4	105
3	Adsorption of cationic polyacrylamide onto kaolinite. <i>Microporous and Mesoporous Materials</i> , 2005, 85, 340-350.	4.4	84
4	Adsorption of cationic polyacrylamide onto sepiolite. <i>Journal of Hazardous Materials</i> , 2006, 134, 211-219.	12.4	60
5	Adsorption of polyvinylimidazole onto kaolinite. <i>Journal of Colloid and Interface Science</i> , 2006, 296, 472-479.	9.4	45
6	Balanced charge carrier mobilities in bulk heterojunction organic solar cells. <i>Applied Physics Letters</i> , 2012, 101, 073302.	3.3	44
7	Solvents effect on infrared spectra of 1,3-indanedione in organic solvents. <i>Vibrational Spectroscopy</i> , 2005, 39, 214-219.	2.2	33
8	Physicochemical parameters of Hg(II) ions adsorption from aqueous solution by sepiolite/poly(vinylimidazole). <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 1642-1652.	6.7	32
9	Adsorption of cationic polyacrylamide (C-PAM) on expanded perlite. <i>Applied Clay Science</i> , 2010, 50, 125-129.	5.2	28
10	Solid-Phase Extraction and Spectrophotometric Determination of Trace Amounts of Mercury in Natural Samples. <i>Mikrochimica Acta</i> , 2005, 149, 193-198.	5.0	26
11	Water soluble poly(1-vinyl-1,2,4-triazole) as novel dielectric layer for organic field effect transistors. <i>Organic Electronics</i> , 2011, 12, 497-503.	2.6	26
12	Kinetic and thermodynamic properties of purified alkaline protease from <i>Bacillus pumilus</i> Y7 and non-covalent immobilization to poly(vinylimidazole)/clay hydrogel. <i>Engineering in Life Sciences</i> , 2020, 20, 36-49.	3.6	26
13	Charge carrier mobility, photovoltaic, and electroluminescent properties of anthracene-based conjugated polymers bearing randomly distributed side chains. <i>Journal of Polymer Science Part A</i> , 2012, 50, 3425-3436.	2.3	23
14	Solvents effect on infrared spectra of trimethyl phosphate in organic solvents. <i>Vibrational Spectroscopy</i> , 2004, 36, 129-133.	2.2	16
15	Process modeling and thermodynamics and kinetics evaluation of Basic Yellow 28 adsorption onto sepiolite. <i>Desalination and Water Treatment</i> , 2015, 54, 2023-2035.	1.0	16
16	Study of the solvent effects on the molecular structure and CO stretching vibrations of flurbiprofen. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 98, 122-131.	3.9	15
17	Temperature dependent charge transport in organic field-effect transistors with the variation of both carrier concentration and electric field. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 495105.	2.8	15
18	Preparation, characterization, and antibacterial activity of organo-sepiolite/chitosan/silver bionanocomposites. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019, 56, 403-410.	2.2	13

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19	Adsorption and dielectric properties of poly(1-vinylimidazole) on sepiolite. <i>Applied Clay Science</i> , 2012, 57, 32-38.	5.2	11
20	Adsorption of light green and brilliant yellow anionic dyes using amino functionalized magnetic silica (Fe ₃ O ₄ @SiO ₂ @NH ₂) nanocomposite. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 1227-1235.	2.4	10
21	Magnetic porous polymer microspheres: Synthesis, characterization and adsorption performance for the removal of phenol. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019, 56, 564-576.	2.2	10
22	Adsorption of poly(vinylimidazole) from aqueous solutions onto Na-bentonite. <i>International Journal of Mineral Processing</i> , 2012, 112-113, 49-54.	2.6	9
23	Investigation of temperature, thermodynamic parameters and dielectrical properties of poly(vinylimidazole)-Na ⁺ -bentonite nanocomposite. <i>Journal of Applied Polymer Science</i> , 2011, 120, 874-879.	2.6	8
24	The synthesis of covalent bonded single-walled carbon nanotube/polyvinylimidazole composites by in situ polymerization and their physical characterization. <i>Polymer Composites</i> , 2012, 33, 1255-1262.	4.6	6
25	Adsorption of Brilliant Yellow onto Sepiolite: Evaluation of Thermodynamics and Kinetics and the Application of Nonlinear Isotherm Models. <i>Journal of Dispersion Science and Technology</i> , 2016, 37, 1783-1792.	2.4	5
26	The analyses of solvent effects on infrared spectra and thermodynamic parameters, Hirshfeld surface, reduced density gradient and molecular docking of ketoprofen as a member of nonsteroidal anti-inflammatory drugs. <i>Journal of Molecular Structure</i> , 2021, , 131861.	3.6	5
27	Preparation, Solubility, and Electrical Properties of Multiwalled Carbon Nanotubes/Poly(1-vinyl-1,2,4-triazole) Composites via in situ Functionalization. <i>Polymer-Plastics Technology and Engineering</i> , 2014, 53, 840-850.	1.9	3
28	Preparation of additive package for gear lubricants and determination of tribological properties. <i>Petroleum Chemistry</i> , 2016, 56, 175-180.	1.4	3
29	Synthesis of 4-(4-ethyl-phenyl)-3-(4-methyl-phenyl)-1,2,4-oxadiazol-5(4H)-one and 4-(4-ethyl-phenyl)-3-(4-methyl-phenyl)-1,2,4-oxadiazole-5(4H)-thione and solvent effects on their infrared spectra in organic solvents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 251, 119424.	3.9	3
30	Application of Sepiolite-Poly(vinylimidazole) composite for the removal of Cu(II) from aqueous solution: Isotherm and thermodynamics studies. <i>International Journal of Chemistry and Technology</i> , 2018, 2, 20-33.	0.6	2
31	Cationic surfactant templated synthesis of magnetic mesoporous nanocomposites for efficient removal of Light Green. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 1425-1437.	2.7	1