Sittipong Amnuaypanich

List of Publications by Year
in descending order

21	432	840776 11	713466 21
papers	citations	h-index	g-index

22	22	22	539
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mixed matrix membranes prepared from natural rubber/poly(vinyl alcohol) semi-interpenetrating polymer network (NR/PVA semi-IPN) incorporating with zeolite 4A for the pervaporation dehydration of waterâ€“ethanol mixtures. Chemical Engineering Science, 2009, 64, 4908-4918.	3.8	83
2	Mixed matrix membranes prepared from poly(vinyl alcohol) (PVA) incorporated with zeolite 4A-graft-poly(2-hydroxyethyl methacrylate) (zeolite-g-PHEMA) for the pervaporation dehydration of waterâ€“acetone mixtures. Journal of Membrane Science, 2011, 367, 182-189.	8.2	74
3	Biphasic synthesis of amine-functionalized mesoporous silica nanospheres (MSN-NH2) and its application for removal of ferrous (Fe2+) and copper (Cu2+) ions. Powder Technology, 2018, 323, 548-557.	4.2	35
4	Promoting permeability-selectivity anti-trade-off behavior in polyvinyl alcohol (PVA) nanocomposite membranes. Journal of Membrane Science, 2017, 544, 287-296.	8.2	32
5	Improved Lactic Acid Production by In Situ Removal of Lactic Acid During Fermentation and a Proposed Scheme for Its Recovery. Arabian Journal for Science and Engineering, 2016, 41, 2067-2075.	1.1	29
6	Natural rubber/poly(acrylic acid) semiâ€interpenetrating polymer network membranes for the pervaporation of waterâ€“ethanol mixtures. Journal of Applied Polymer Science, 2009, 114, 3501-3509.	2.6	23
7	Improving water selectivity of poly (vinyl alcohol) (PVA) â€“ Fumed silica (FS) nanocomposite membranes by grafting of poly (2-hydroxyethyl methacrylate) (PHEMA) on fumed silica particles. Chemical Engineering Science, 2015, 122, 373-383.	3.8	21
8	Polydimethylsiloxane Sponges Incorporated with Mesoporous Silica Nanoparticles (PDMS/H-MSNs) and Their Selective Solvent Absorptions. Industrial & Engineering Chemistry Research, 2019, 58, 21142-21154.	3.7	20
9	Dehydration performance of double-network poly(vinyl alcohol) nanocomposite membranes (PVAs-DN). Journal of Membrane Science, 2017, 528, 284-295.	8.2	18
10	Pervaporation membranes from natural rubber latex grafted with poly(2â€hydroxyethyl methacrylate) (NRâ€gâ€PHEMA) for the separation of waterâ€“acetone mixtures. Journal of Applied Polymer Science, 2009, 113, 3313-3321.	2.6	17
11	Grafting of poly(vinyl alcohol) on natural rubber latex particles. Journal of Applied Polymer Science, 2013, 127, 104-110.	2.6	17
12	Highly waterâ€selective mixed matrix membranes from natural rubberâ€blendâ€poly(acrylic acid) (NRâ€blendâ€PAA) incorporated with zeolite 4A for the dehydration of waterâ€“ethanol mixtures through pervaporation. Journal of Applied Polymer Science, 2012, 124, E319.	2.6	13
13	Green synthesis of porous polyvinyl alcohol membranes functionalized with <scp>l</scp>â€arginine and their application in the removal of 4â€nitrophenol from aqueous solution. Journal of Applied Polymer Science, 2019, 136, 47835.	2.6	12
14	Enhancing the grafting of poly(2-hydroxyethyl methacrylate) on silica nanoparticles (SiO2-g-PHEMA) by the sequential UV-induced graft polymerization with a multiple-UV irradiation. Advanced Powder Technology, 2014, 25, 1304-1310.	4.1	10
15	Membranes Prepared from a Blend of Poly(acrylic Acid) and Natural Rubber-Graft-Poly(vinyl Alcohol) (PAA/NR-g-PVA). Advanced Materials Research, 2010, 93-94, 268-271.	0.3	5
16	Ferromagnetism in Metal-Free Polymers. IEEE Magnetics Letters, 2015, 6, 1-4.	1.1	5
17	Highly catalytic activity of nickel nanoparticles generated in poly(methylmethacrylate)@poly(2-hydroxyethylmethacrylate) (PMMA@PHEMA) coreâ€“shell micelles for the reduction of 4-nitrophenol (4-NP). Applied Nanoscience (Switzerland), 2018, 8, 475-488.	3.1	5
18	Rapid decolorization of methyl orange using polyacrylonitrile membranes incorporated with nickel nanoparticles loaded in block copolymer micelles. Separation and Purification Technology, 2019, 223, 203-210.	7.9	4

#	Article	IF	Citations
19	Temperature-enhanced water selectivity in polyvinyl alcohol mixed matrix membranes filled with poly(2-hydroxyethylmethacrylate)-grafted mesoporous silica nanoparticles (PVA/MSNs-g-PHEMA) Tj ETQq1 1 0.784314 rgBT /Overloc	7.1	
20	Increasing solketal production from the solventless ketalization of glycerol catalyzed by nanodispersed phosphotungstic acid in poly(N-methyl-4-vinylpyridinium) grafted on silica nanoparticles. Journal of Industrial and Engineering Chemistry, 2022, 112, 233-243.	5.8	4
21	Development of pH-responsive polymer-grafted mesoporous silica. Transactions of the Materials Research Society of Japan, 2013, 38, 597-601.	0.2	1