

Vishnu K Pareek

List of Publications by Year in descending order

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144
papers

4,991
citations

101543

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106344

65
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149
all docs

149
docs citations

149
times ranked

6007
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Biomass pyrolysisâ€”A review of modelling, process parameters and catalytic studies. Renewable and Sustainable Energy Reviews, 2015, 50, 1081-1096. | 16.4 | 482 |
| 2 | A review on photocatalysis for air treatment: From catalyst development to reactor design. Chemical Engineering Journal, 2017, 310, 537-559. | 12.7 | 449 |
| 3 | Synthesis of micro and nano-sized calcium carbonate particles and their applications. Journal of Materials Chemistry A, 2014, 2, 14270-14288. | 10.3 | 295 |
| 4 | From waste Coca Cola® to activated carbons with impressive capabilities for CO2 adsorption and supercapacitors. Carbon, 2017, 116, 490-499. | 10.3 | 188 |
| 5 | A review on biomass pyrolysis models: Kinetic, network and mechanistic models. Biomass and Bioenergy, 2019, 123, 104-122. | 5.7 | 183 |
| 6 | A review of greywater characteristics and treatment processes. Water Science and Technology, 2013, 67, 1403-1424. | 2.5 | 175 |
| 7 | Synthesis and applications of porous non-silica metal oxide submicrospheres. Chemical Society Reviews, 2016, 45, 6013-6047. | 38.1 | 147 |
| 8 | Droplet impact dynamics on a spherical particle. Chemical Engineering Science, 2013, 100, 105-119. | 3.8 | 122 |
| 9 | Light intensity distribution in heterogenous photocatalytic reactors. Asia-Pacific Journal of Chemical Engineering, 2008, 3, 171-201. | 1.5 | 118 |
| 10 | Artificial neural network modeling of a multiphase photodegradation system. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 149, 139-146. | 3.9 | 108 |
| 11 | CFD simulation of solidâ€”liquid stirred tanks. Advanced Powder Technology, 2012, 23, 445-453. | 4.1 | 99 |
| 12 | Some aspects of photocatalytic reactor modeling using computational fluid dynamics. Chemical Engineering Science, 2013, 101, 764-784. | 3.8 | 91 |
| 13 | Computational fluid dynamic (CFD) simulation of a pilot-scale annular bubble column photocatalytic reactor. Chemical Engineering Science, 2003, 58, 859-865. | 3.8 | 71 |
| 14 | On wetting characteristics of droplet on a spherical particle in film boiling regime. Chemical Engineering Science, 2016, 149, 181-203. | 3.8 | 61 |
| 15 | Hydrodynamics of an FCC riser using energy minimization multiscale drag model. Chemical Engineering Journal, 2011, 168, 812-821. | 12.7 | 59 |
| 16 | CFD simulation of solidâ€”liquid stirred tanks for low to dense solid loading systems. Particuology, 2016, 29, 16-33. | 3.6 | 58 |
| 17 | Light intensity distribution in a photocatalytic reactor using finite volume. AIChE Journal, 2004, 50, 1273-1288. | 3.6 | 57 |
| 18 | Multi-fluid reactive modeling of fluidized bed pyrolysis process. Chemical Engineering Science, 2015, 123, 311-321. | 3.8 | 57 |

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|----|--|-----|-----------|
| 19 | CFD modelling for a TiO ₂ -coated glass-bead photoreactor irradiated by optical fibres: Photocatalytic degradation of oxalic acid. Chemical Engineering Science, 2009, 64, 1695-1706. | 3.8 | 54 |
| 20 | Structure and activity of strontium substituted LaCoO ₃ perovskite catalysts for syngas conversion. Journal of Molecular Catalysis A, 2016, 416, 96-104. | 4.8 | 53 |
| 21 | Computational fluid dynamics analysis of liquefied natural gas dispersion for risk assessment strategies. Journal of Loss Prevention in the Process Industries, 2013, 26, 117-128. | 3.3 | 50 |
| 22 | Computational fluid dynamics simulation of LNG pool fire radiation for hazard analysis. Journal of Loss Prevention in the Process Industries, 2014, 29, 92-102. | 3.3 | 49 |
| 23 | Computational fluid dynamic modelling of FCC riser: A review. Chemical Engineering Research and Design, 2016, 111, 403-448. | 5.6 | 49 |
| 24 | CFD modeling of mixing/segregation behavior of biomass and biochar particles in a bubbling fluidized bed. Chemical Engineering Science, 2014, 106, 264-274. | 3.8 | 47 |
| 25 | A case study: Application of energy and exergy analysis for enhancing the process efficiency of a three stage propane pre-cooling cycle of the cascade LNG process. Journal of Natural Gas Science and Engineering, 2016, 29, 125-133. | 4.4 | 46 |
| 26 | Bubble generated turbulence and direct numerical simulations. Chemical Engineering Science, 2017, 157, 26-75. | 3.8 | 45 |
| 27 | Collision behaviour of a smaller particle into a larger stationary droplet. Advanced Powder Technology, 2015, 26, 280-295. | 4.1 | 41 |
| 28 | Bubbles in viscous liquids: Time dependent behaviour and wake characteristics. Chemical Engineering Science, 2016, 144, 298-309. | 3.8 | 41 |
| 29 | CFD simulation of a pilot scale slurry photocatalytic reactor and design of multiple-lamp reactors. Chemical Engineering Science, 2014, 111, 266-277. | 3.8 | 40 |
| 30 | A phenomenological model of the mechanisms of lignocellulosic biomass pyrolysis processes. Computers and Chemical Engineering, 2014, 60, 231-241. | 3.8 | 40 |
| 31 | Interactions in droplet and particle system of near unity size ratio. Chemical Engineering Science, 2017, 170, 154-175. | 3.8 | 40 |
| 32 | Interaction of bubbles rising inline in quiescent liquid. Chemical Engineering Science, 2017, 166, 1-10. | 3.8 | 40 |
| 33 | Extractive distillation for CO ₂ -ethane azeotrope separation. Chemical Engineering and Processing: Process Intensification, 2012, 52, 155-161. | 3.6 | 38 |
| 34 | Planar SOFC system modelling and simulation including a 3D stack module. International Journal of Hydrogen Energy, 2016, 41, 2919-2930. | 7.1 | 38 |
| 35 | Simulation of gas-solid flows in riser using energy minimization multiscale model: Effect of cluster diameter correlation. Chemical Engineering Science, 2011, 66, 3291-3300. | 3.8 | 37 |
| 36 | Influence of Microwaves on the Water Surface Tension. Langmuir, 2014, 30, 9875-9879. | 3.5 | 37 |

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|----|--|------|-----------|
| 37 | Effect of drag models on CFD–DEM predictions of bubbling fluidized beds with Geldart D particles. Advanced Powder Technology, 2018, 29, 2658-2669. | 4.1 | 36 |
| 38 | The influence of corrosion inhibitors on hydrate formation temperature along the subsea natural gas pipelines. Journal of Petroleum Science and Engineering, 2014, 120, 239-252. | 4.2 | 35 |
| 39 | Effect of closure models on Eulerian–Eulerian gas–solid flow predictions in riser. Powder Technology, 2015, 269, 247-258. | 4.2 | 35 |
| 40 | Hazardous consequence dynamic simulation of LNG spill on water for ship-to-ship bunkering. Chemical Engineering Research and Design, 2017, 107, 402-413. | 5.6 | 35 |
| 41 | Effect of a cluster on gas–solid drag from lattice Boltzmann simulations. Chemical Engineering Science, 2013, 102, 365-372. | 3.8 | 33 |
| 42 | Dry reforming of methane over Co–Mo/Al ₂ O ₃ catalyst under low microwave power irradiation. Catalysis Science and Technology, 2018, 8, 5315-5324. | 4.1 | 31 |
| 43 | Selectivity enhancement for higher alcohol product in Fischer-Tropsch synthesis over nickel-substituted La _{0.9} Sr _{0.1} CoO ₃ perovskite catalysts. Fuel, 2017, 206, 390-400. | 6.4 | 30 |
| 44 | Simulations of photodegradation of toluene and formaldehyde in a monolith reactor using computational fluid dynamics. AIChE Journal, 2011, 57, 724-734. | 3.6 | 29 |
| 45 | Dynamic simulation of hazard analysis of radiations from LNG pool fire. Journal of Loss Prevention in the Process Industries, 2015, 35, 200-210. | 3.3 | 29 |
| 46 | Dynamic study of frost formation on cryogenic surface. International Journal of Heat and Mass Transfer, 2020, 150, 119372. | 4.8 | 29 |
| 47 | Evaporation of a droplet on a heated spherical particle. Chemical Engineering Journal, 2015, 278, 309-319. | 12.7 | 28 |
| 48 | Two-Fluid Eulerian Simulation of Bubble Column Reactors with Distributors. Journal of Chemical Engineering of Japan, 2006, 39, 831-841. | 0.6 | 26 |
| 49 | Perovskite-derived trimetallic Co-Ni-Cu catalyst for higher alcohol synthesis from syngas. Fuel Processing Technology, 2019, 193, 141-148. | 7.2 | 25 |
| 50 | Multiphase flow simulation of a simplified coal pulveriser. Fuel Processing Technology, 2005, 86, 1195-1205. | 7.2 | 24 |
| 51 | Hollow micro/nanomaterials as nanoreactors for photocatalysis. APL Materials, 2013, 1, . | 5.1 | 24 |
| 52 | Lamp emission and quartz sleeve modelling in slurry photocatalytic reactors. Chemical Engineering Science, 2014, 111, 34-40. | 3.8 | 22 |
| 53 | CFD Simulations for Continuous Flow of Bubbles through Gas-Liquid Columns: Application of VOF Method. Chemical Product and Process Modeling, 2007, 2, . | 0.9 | 20 |
| 54 | Light intensity distribution in multi-lamp photocatalytic reactors. Chemical Engineering Science, 2013, 93, 11-21. | 3.8 | 20 |

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| 55 | Analysis of available data from liquefied natural gas rollover incidents to determine critical stability ratios. <i>AIChE Journal</i> , 2014, 60, 362-374. | 3.6 | 20 |
| 56 | Simultaneous estimation of states and inputs in a planar solid oxide fuel cell using nonlinear adaptive observer design. <i>Journal of Power Sources</i> , 2014, 248, 1218-1233. | 7.8 | 20 |
| 57 | Lupin seed γ -conglutin: Extraction and purification methods - A review. <i>Trends in Food Science and Technology</i> , 2018, 73, 1-11. | 15.1 | 20 |
| 58 | Estimation of Bubble Properties in Bubbling Fluidized Bed Using ECVT Measurements. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 8319-8333. | 3.7 | 20 |
| 59 | Additively manufactured, highly-uniform flow distributor for process intensification. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 143, 107595. | 3.6 | 20 |
| 60 | Particle residence time distribution (RTD) in three-phase annular bubble column reactor. <i>Chemical Engineering Science</i> , 2001, 56, 6063-6071. | 3.8 | 19 |
| 61 | Effect of Inlet Boundary Conditions on Computational Fluid Dynamics (CFD) Simulations of Gas-Solid Flows in Risers. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 1721-1728. | 3.7 | 19 |
| 62 | Highly Stable External Short-Circuit-Assisted Oxygen Ionic Transport Membrane Reactor for Carbon Dioxide Reduction Coupled with Methane Partial Oxidation. <i>Energy & Fuels</i> , 2014, 28, 349-355. | 5.1 | 19 |
| 63 | Use of Pinch Concept To Optimize the Total Water Regeneration Network. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 3222-3235. | 3.7 | 19 |
| 64 | Kafirin adsorption on ion-exchange resins: Isotherm and kinetic studies. <i>Journal of Chromatography A</i> , 2014, 1356, 105-116. | 3.7 | 18 |
| 65 | Solid oxide fuel cell reactor analysis and optimisation through a novel multi-scale modelling strategy. <i>Computers and Chemical Engineering</i> , 2015, 78, 10-23. | 3.8 | 18 |
| 66 | Modeling of Cryogenic Liquefied Natural Gas Ambient Air Vaporizers. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 9281-9291. | 3.7 | 18 |
| 67 | Characteristics of energy production and dissipation around a bubble rising in water. <i>Chemical Engineering Science</i> , 2019, 193, 38-52. | 3.8 | 18 |
| 68 | A New Simplified Model for Light Scattering in Photocatalytic Reactors. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 26-36. | 3.7 | 17 |
| 69 | Photocatalytic Treatment of Shower Water Using a Pilot Scale Reactor. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-7. | 2.5 | 17 |
| 70 | Synthesis of CaCO_3 @C yolk-shell particles for CO_2 adsorption. <i>RSC Advances</i> , 2015, 5, 24872-24876. | 3.6 | 17 |
| 71 | Evaporation of a suspended binary mixture droplet in a heated flowing gas stream. <i>Experimental Thermal and Fluid Science</i> , 2018, 91, 329-344. | 2.7 | 17 |
| 72 | Continuous Process for Photodegradation of Industrial Bayer Liquor. <i>Industrial & Engineering Chemistry Research</i> , 2001, 40, 5120-5125. | 3.7 | 16 |

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| 73 | Organic–inorganic hybrid hierarchical aluminum phenylphosphonate microspheres. Journal of Colloid and Interface Science, 2014, 427, 35-41. | 9.4 | 16 |
| 74 | Comparison of vaporization models for feed droplet in fluid catalytic cracking risers. Chemical Engineering Research and Design, 2015, 101, 82-97. | 5.6 | 16 |
| 75 | Lowering greenhouse gas (GHG) emissions: techno-economic analysis of biomass conversion to biofuels and value-added chemicals. , 2019, 9, 454-473. | | 16 |
| 76 | Modeling of a non-isothermal FCC riser. Chemical Engineering Journal, 2003, 92, 101-109. | 12.7 | 15 |
| 77 | A new fluid model for particles settling in a viscoplastic fluid. Chemical Engineering Science, 2011, 66, 729-739. | 3.8 | 15 |
| 78 | Sustainable synthesis of highly efficient sunlight-driven Ag embedded AgCl photocatalysts. RSC Advances, 2015, 5, 80488-80495. | 3.6 | 15 |
| 79 | Interaction dynamics of a spherical particle with a suspended liquid film. AIChE Journal, 2016, 62, 295-314. | 3.6 | 15 |
| 80 | Simultaneous measurements of two phases using an optical probe. Experimental and Computational Multiphase Flow, 2019, 1, 233-241. | 3.9 | 15 |
| 81 | The effects of fluid viscoelasticity on the settling behaviour of horizontally aligned spheres. Chemical Engineering Science, 2011, 66, 5822-5831. | 3.8 | 14 |
| 82 | Evaporation of a sessile binary droplet on a heated spherical particle. Experimental Thermal and Fluid Science, 2018, 99, 558-571. | 2.7 | 14 |
| 83 | A novel settling tank for produced water treatment: CFD simulations and PIV experiments. Journal of Petroleum Science and Engineering, 2019, 182, 106352. | 4.2 | 14 |
| 84 | Simulations of Bubble Column Reactors Using a Volume of Fluid Approach: Effect of Air Distributor. Canadian Journal of Chemical Engineering, 2007, 85, 290-301. | 1.7 | 13 |
| 85 | Effects of broth composition and light condition on antimicrobial susceptibility testing of ionic silver. Journal of Microbiological Methods, 2014, 105, 42-46. | 1.6 | 13 |
| 86 | Process modelling of biomass conversion to biofuels with combined heat and power. Bioresource Technology, 2015, 198, 309-315. | 9.6 | 13 |
| 87 | Effect of baffles on performance of fluid catalytic cracking riser. Particuology, 2018, 38, 18-30. | 3.6 | 13 |
| 88 | Simulations and Optimization of a Reduced CO ₂ Emission Process for Methanol Production Using Syngas from Bi-reforming. Energy & Fuels, 2021, 35, 8844-8856. | 5.1 | 13 |
| 89 | Investigation of wear pattern in a complex coal pulveriser using CFD modelling. Fuel Processing Technology, 2006, 87, 687-694. | 7.2 | 12 |
| 90 | Hydrodynamics of a Fluid Catalytic Cracking Stripper Using γ -ray Densitometry. Industrial & Engineering Chemistry Research, 2011, 50, 5933-5941. | 3.7 | 12 |

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| 91 | CFD study: Effect of pulsating flow on gas–solid hydrodynamics in FCC riser. Particuology, 2017, 31, 25-34. | 3.6 | 12 |
| 92 | Numerical study of fog formation around ambient air vaporizers. Chemical Engineering Science, 2018, 183, 37-46. | 3.8 | 12 |
| 93 | Modelling of particle segregation in fluidized beds. Powder Technology, 2019, 353, 202-218. | 4.2 | 12 |
| 94 | Intensified isothermal reactor for methanol synthesis. Chemical Engineering and Processing: Process Intensification, 2019, 143, 107606. | 3.6 | 11 |
| 95 | Sensitivity analysis of rate constants of Weekman's riser kinetics and evaluation of heat of cracking using CATCRACK. Journal of Molecular Catalysis A, 2002, 181, 263-274. | 4.8 | 10 |
| 96 | Light Intensity Distribution in a Dual-Lamp Photoreactor. International Journal of Chemical Reactor Engineering, 2005, 3, . | 1.1 | 10 |
| 97 | Computational fluid dynamics modelling and optimal configuring of a channelled optical fibre photoreactor. Chemical Engineering Science, 2010, 65, 5029-5040. | 3.8 | 10 |
| 98 | Hydrodynamic Study of Fluid Catalytic Cracker Unit Stripper. Industrial & Engineering Chemistry Research, 2013, 52, 4660-4671. | 3.7 | 10 |
| 99 | Verification of EMMS formulation using lattice Boltzmann simulations. Powder Technology, 2014, 257, 30-39. | 4.2 | 10 |
| 100 | Experimental Study on Feasibility of H ₂ and N ₂ as Hydrate Inhibitors in Natural Gas Pipelines. Journal of Chemical & Engineering Data, 2014, 59, 3756-3766. | 1.9 | 10 |
| 101 | Multiphase simulation of LNG vapour dispersion with effect of fog formation. Applied Thermal Engineering, 2020, 166, 114671. | 6.0 | 10 |
| 102 | Study on hydrodynamic performance of structured packings for gas-liquid flow: Effects of geometry parameters. Chemical Engineering Research and Design, 2021, 167, 318-326. | 5.6 | 10 |
| 103 | Influence of jet–jet interaction on droplet size and jet instability in immiscible liquid–liquid system. Chemical Engineering Science, 2015, 123, 247-254. | 3.8 | 9 |
| 104 | Modern Trends in CFD Simulations: Application to GTL Technology. Chemical Product and Process Modeling, 2006, 1, . | 0.9 | 8 |
| 105 | Targeting water utilities for the threshold problem without waste discharge. Chemical Engineering Research and Design, 2013, 91, 2569-2578. | 5.6 | 8 |
| 106 | Impact of HSPBT blade angle on gas phase hydrodynamics in a gas–liquid stirred tank. Chemical Engineering Research and Design, 2018, 130, 219-229. | 5.6 | 8 |
| 107 | Vortex shape and gas–liquid hydrodynamics in unbaffled stirred tank. Canadian Journal of Chemical Engineering, 2019, 97, 1913-1920. | 1.7 | 8 |
| 108 | Photocausticization of spent Bayer liquor: a pilot-scale study. Journal of Environmental Management, 2003, 7, 411-420. | 1.7 | 7 |

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| 109 | Modelling of the interaction between a falling n-heptane droplet and hot solid surface. Chemical Engineering Science, 2014, 116, 23-37. | 3.8 | 7 |
| 110 | Modeling and optimization of Carbon in leach (CIL) circuit for gold recovery. Minerals Engineering, 2015, 83, 136-148. | 4.3 | 7 |
| 111 | Hydrodynamics of macroscopic particles in slurry suspensions. Asia-Pacific Journal of Chemical Engineering, 2016, 11, 467-479. | 1.5 | 7 |
| 112 | Effect of bubble on the pressure spectra of oscillating grid turbulent flow at low Taylor-Reynolds number. Chemical Engineering Science, 2018, 190, 28-39. | 3.8 | 7 |
| 113 | Modelling and numerical simulation of liquid–solid circulating fluidized bed system for protein purification. Chemical Engineering Research and Design, 2013, 91, 1660-1673. | 5.6 | 6 |
| 114 | Reverse phase HPLC method for detection and quantification of lupin seed β -conglutin. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1063, 123-129. | 2.3 | 6 |
| 115 | Modeling of absorption of NO ₂ with chemical reaction in a falling raindrop. Korean Journal of Chemical Engineering, 2003, 20, 328-333. | 2.7 | 5 |
| 116 | Gas–solid flow hydrodynamics of an industrial scale catalyst lift engager. Chemical Engineering Journal, 2010, 159, 138-148. | 12.7 | 5 |
| 117 | LODOS - Going from BIM to CFD via CAD and model abstraction. Automation in Construction, 2018, 94, 85-92. | 9.8 | 5 |
| 118 | Investigation on fog formation of LNG ambient air vaporisers. Applied Thermal Engineering, 2021, 193, 117023. | 6.0 | 5 |
| 119 | Kinetic modelling of pyrolysis of cellulose using CPD model: effect of salt. Journal of Thermal Analysis and Calorimetry, 2022, 147, 9763-9777. | 3.6 | 5 |
| 120 | Optimized Process for Methanol Production via Bi-reforming Syngas. Industrial & Engineering Chemistry Research, 2022, 61, 5557-5567. | 3.7 | 5 |
| 121 | Dynamic Simulation of Reactive Batch Distillation Column for Ethyl Acetate Synthesis. Chemical Product and Process Modeling, 2007, 2, . | 0.9 | 4 |
| 122 | A NOVEL SPINNING DISC CONTINUOUS STIR TANK AND SETTLER REACTOR (SDCSTR) MODEL FOR CONTINUOUS SYNTHESIS OF TITANIA: A PHENOMENOLOGICAL MODEL. Chemical Engineering Communications, 2010, 198, 73-84. | 2.6 | 4 |
| 123 | Effect of column inclination and oscillation on liquid spreading in a trickle bed. Chemical Engineering Research and Design, 2019, 152, 165-179. | 5.6 | 4 |
| 124 | Three-Dimensional Hydrodynamics and Reaction Kinetics Analysis in FCC Riser Reactors. Chemical Product and Process Modeling, 2007, 2, . | 0.9 | 3 |
| 125 | A temperature-dependent potential model for mercury in the description of vapour-liquid equilibrium & adsorption in activated carbon. Chemical Engineering Science, 2020, 215, 115453. | 3.8 | 3 |
| 126 | Fast Pyrolysis Downer Reactor: Effect of Reactor Geometry on the Hydrodynamics. Industrial & Engineering Chemistry Research, 2022, 61, 4153-4167. | 3.7 | 3 |

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| 127 | Numerical evaluation of an additively manufactured uniform fractal flow mixer. Chemical Engineering and Processing: Process Intensification, 2022, 179, 109047. | 3.6 | 3 |
| 128 | Steady-State Simulation of Hybrid Nickel Leaching Circuit Using Syscad. Chemical Product and Process Modeling, 2006, 1, . | 0.9 | 2 |
| 129 | CFD Modelling of Flow and Solids Distribution in Carbon-in-Leach Tanks. Metals, 2015, 5, 1997-2020. | 2.3 | 2 |
| 130 | Dynamic tank in series modeling of direct internal reforming SOFC. International Journal of Energy Research, 2017, 41, 1563-1578. | 4.5 | 2 |
| 131 | Bioethanol production from sodium hydroxide “ dilute sulfuric acid pretreatment of rice husk via simultaneous saccharification and fermentation. MATEC Web of Conferences, 2017, 101, 02013. | 0.2 | 2 |
| 132 | Treatment of winery wastewater by UV-A radiation. International Journal of Environment and Waste Management, 2009, 3, 278. | 0.3 | 1 |
| 133 | Particle deposition in natural gas pipelines using computational fluid dynamics modelling. Asia-Pacific Journal of Chemical Engineering, 2012, 7, 841-847. | 1.5 | 1 |
| 134 | Hydrodynamics of a rectangular liquid JET in an immiscible liquid–liquid system. Canadian Journal of Chemical Engineering, 2013, 91, 122-126. | 1.7 | 1 |
| 135 | Convection and surface tension profiles for aqueous droplet under microwave radiation. , 2014, , . | | 1 |
| 136 | In-situ observation of convection in droplet under microwave radiation by PIV. , 2014, , . | | 1 |
| 137 | Reply to Comment on “Influence of Microwaves on the Water Surface Tension” Langmuir, 2015, 31, 10933-10934. | 3.5 | 1 |
| 138 | Dynamic Simulation on Deflagration of LNG Spill. Journal of Combustion, 2019, 2019, 1-12. | 1.0 | 1 |
| 139 | Packed bed methanol reactor with flow diverters. Chemical Engineering and Processing: Process Intensification, 2022, , 108916. | 3.6 | 1 |
| 140 | Guest editorial: computational fluid dynamics. Asia-Pacific Journal of Chemical Engineering, 2008, 3, 95-96. | 1.5 | 0 |
| 141 | Hydrodynamic investigation of bubble–column reactors: effect of column configuration. Asia-Pacific Journal of Chemical Engineering, 2010, 5, 626-636. | 1.5 | 0 |
| 142 | Multi-Scale Modelling of Biomass Pyrolysis Processes. Computer Aided Chemical Engineering, 2012, 30, 1133-1137. | 0.5 | 0 |
| 143 | Simulation and Analysis of Carbon-in-Leach (CIL) Circuits. Computer Aided Chemical Engineering, 2012, 31, 1206-1210. | 0.5 | 0 |
| 144 | Potential Impacts and Modelling of the Heat Loss Due to Copper Chelation in Natural Gas Processing and Transport. Computer Aided Chemical Engineering, 2011, 29, 1648-1652. | 0.5 | 0 |