

# Jc Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/791922/publications.pdf>

Version: 2024-02-01

27  
papers

1,193  
citations

471509

17  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1480  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flotation removal of algae from water. <i>Colloids and Surfaces B: Biointerfaces</i> , 1998, 12, 49-55.	5.0	133
2	Removal of phosphate and fluoride from wastewater by a hybrid precipitation–microfiltration process. <i>Separation and Purification Technology</i> , 2010, 74, 329-335.	7.9	122
3	Removal of boron and iodine from optoelectronic wastewater using Mg–Al (NO <sub>3</sub> ) layered double hydroxide. <i>Desalination</i> , 2010, 262, 280-283.	8.2	119
4	Microfiltration for separation of green algae from water. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 51, 157-164.	5.0	113
5	Recovery of phosphate and ammonium as struvite from semiconductor wastewater. <i>Separation and Purification Technology</i> , 2009, 64, 368-373.	7.9	92
6	Co-conditioning and dewatering of alum sludge and waste activated sludge. <i>Water Science and Technology</i> , 2004, 50, 41-48.	2.5	88
7	Microalgae harvesting by flotation using natural saponin and chitosan. <i>Bioresource Technology</i> , 2014, 166, 429-434.	9.6	87
8	Adsorption and precipitation of fluoride on calcite nanoparticles: A spectroscopic study. <i>Separation and Purification Technology</i> , 2015, 150, 325-331.	7.9	64
9	Treatment of boron-containing optoelectronic wastewater by precipitation process. <i>Desalination</i> , 2011, 280, 146-151.	8.2	52
10	Combined treatment of polishing wastewater and fluoride-containing wastewater from a semiconductor manufacturer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 347, 64-68.	4.7	51
11	Effects of ozone and peroxone on algal separation via dispersed air flotation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 105, 246-250.	5.0	36
12	Extraction of yttrium and europium from waste cathode-ray tube (CRT) phosphor by subcritical water. <i>Separation and Purification Technology</i> , 2018, 192, 166-175.	7.9	31
13	Fluoride at waste oyster shell surfaces – Role of magnesium. <i>Science of the Total Environment</i> , 2019, 652, 1331-1338.	8.0	31
14	Precipitation flotation of phosphate from water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 347, 215-219.	4.7	26
15	Removal of phosphate and fluoride from optoelectronic wastewater by calcite. <i>International Journal of Environmental Technology and Management</i> , 2010, 12, 308.	0.2	24
16	Flotation separation of gallium from aqueous solution – Effects of chemical speciation and solubility. <i>Separation and Purification Technology</i> , 2014, 132, 115-119.	7.9	24
17	Microwave-assisted leaching of rare earth elements (Y and Eu) from waste cathode ray tube phosphor. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 3859-3865.	3.2	19
18	Enhanced phosphate removal by thermally pretreated waste oyster shells. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 177-185.	3.0	18

#	ARTICLE	IF	CITATIONS
19	Fractionation and release behaviors of metals (In, Mo, Sr) from industrial sludge. <i>Water Research</i> , 2015, 82, 86-93.	11.3	14
20	Route to synthesize the sludge management processes. <i>Water Science and Technology</i> , 2004, 49, 259-266.	2.5	9
21	Ion flotation of palladium by using cationic surfactants – Effects of chloride ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 616, 126326.	4.7	8
22	Enhanced boron adsorption using PVA-modified carbonaceous materials. <i>Composite Interfaces</i> , 2014, 21, 639-650.	2.3	7
23	Removal of Phosphate Using Ettringite Synthesized from Industrial By-products. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	7
24	Rapid Leaching of Valuable Metals from Spent Lithium-Ion Batteries with Microwave Irradiation Using Organic and Inorganic Acid. <i>Journal of Sustainable Metallurgy</i> , 2021, 7, 630-641.	2.3	7
25	Oxidation – microfiltration removal of Fe(II) from water. <i>Desalination and Water Treatment</i> , 2013, 51, 374-383.	1.0	5
26	Aerobic Treatment of Effluents From the Electronics Industry. , 2017, , 145-160.		3
27	Subcritical water extraction of indium from indium tin oxide scrap using organic acid solutions. <i>Environmental Chemistry</i> , 2020, 17, 158.	1.5	3