

Mylah Villacorte-Tabelin

List of Publications by Citations

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

572
citations

10
h-index

16
g-index

16
ext. papers

824
ext. citations

6.9
avg, IF

4.23
L-index

#	Paper	IF	Citations
15	Arsenic, selenium, boron, lead, cadmium, copper, and zinc in naturally contaminated rocks: A review of their sources, modes of enrichment, mechanisms of release, and mitigation strategies. <i>Science of the Total Environment</i> , 2018 , 645, 1522-1553	10.2	191
14	Acid mine drainage formation and arsenic mobility under strongly acidic conditions: Importance of soluble phases, iron oxyhydroxides/oxides and nature of oxidation layer on pyrite. <i>Journal of Hazardous Materials</i> , 2020 , 399, 122844	12.8	73
13	Copper and critical metals production from porphyry ores and E-wastes: A review of resource availability, processing/recycling challenges, socio-environmental aspects, and sustainability issues. <i>Resources, Conservation and Recycling</i> , 2021 , 170, 105610	11.9	52
12	Hematite-catalysed scorodite formation as a novel arsenic immobilisation strategy under ambient conditions. <i>Chemosphere</i> , 2019 , 233, 946-953	8.4	48
11	Solid-phase partitioning and release-retention mechanisms of copper, lead, zinc and arsenic in soils impacted by artisanal and small-scale gold mining (ASGM) activities. <i>Chemosphere</i> , 2020 , 260, 127574	8.4	48
10	βCatenin signaling regulates Foxa2 expression during endometrial hyperplasia formation. <i>Oncogene</i> , 2013 , 32, 3477-82	9.2	39
9	Embryonic hair follicle fate change by augmented beta-catenin through Shh and Bmp signaling. <i>Development (Cambridge)</i> , 2009 , 136, 367-72	6.6	34
8	Thyroid follicle development requires Smad1/5- and endothelial cell-dependent basement membrane assembly. <i>Development (Cambridge)</i> , 2016 , 143, 1958-70	6.6	27
7	Synthesis and characterization of coal fly ash and palm oil fuel ash modified artisanal and small-scale gold mine (ASGM) tailings based geopolymer using sugar mill lime sludge as Ca-based activator. <i>Heliyon</i> , 2021 , 7, e06654	3.6	16
6	Antagonistic crosstalk of Wnt/beta-catenin/Bmp signaling within the Apical Ectodermal Ridge (AER) regulates interdigit formation. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 391, 1653-7	3.4	13
5	Prediction of acid mine drainage formation and zinc migration in the tailings dam of a closed mine, and possible countermeasures. <i>MATEC Web of Conferences</i> , 2019 , 268, 06003	0.3	10
4	An ex vivo culture system to study thyroid development. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	7
3	Repurposing of aluminum scrap into magnetic Al0/ZVI bimetallic materials: Two-stage mechanical-chemical synthesis and characterization of products. <i>Journal of Cleaner Production</i> , 2021 , 317, 128285	10.3	6
2	Epithelial Bmp (Bone morphogenetic protein) signaling for bulbourethral gland development: a mouse model for congenital cystic dilation. <i>Congenital Anomalies (discontinued)</i> , 2011 , 51, 102-9	1.1	5
1	Spatio-temporal expression pattern and role of the tight junction protein MarvelD3 in pancreas development and function. <i>Scientific Reports</i> , 2021 , 11, 14519	4.9	2