

John Selvamony Armstrong-Altrin

List of Publications by Year in descending order

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78
papers

4,643
citations

94269

37
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67
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docs citations

79
times ranked

1827
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#	ARTICLE	IF	CITATIONS
1	Geochemistry of Sandstones from the Upper Miocene Kudankulam Formation, Southern India: Implications for Provenance, Weathering, and Tectonic Setting. <i>Journal of Sedimentary Research</i> , 2004, 74, 285-297.	0.8	431
2	New multi-dimensional diagrams for tectonic discrimination of siliciclastic sediments and their application to Precambrian basins. <i>Chemical Geology</i> , 2013, 355, 117-133.	1.4	385
3	Critical evaluation of six tectonic setting discrimination diagrams using geochemical data of Neogene sediments from known tectonic settings. <i>Sedimentary Geology</i> , 2005, 177, 115-129.	1.0	276
4	Geochemical discrimination of siliciclastic sediments from active and passive margin settings. <i>Sedimentary Geology</i> , 2016, 332, 1-12.	1.0	202
5	Provenance and depositional history of continental slope sediments in the Southwestern Gulf of Mexico unraveled by geochemical analysis. <i>Continental Shelf Research</i> , 2015, 95, 15-26.	0.9	201
6	Geochemistry of the Jurassic and Upper Cretaceous shales from the Molango Region, Hidalgo, eastern Mexico: Implications for source-area weathering, provenance, and tectonic setting. <i>Comptes Rendus - Geoscience</i> , 2013, 345, 185-202.	0.4	150
7	Geochemistry of beach sands along the western Gulf of Mexico, Mexico: Implication for provenance. <i>Chemie Der Erde</i> , 2012, 72, 345-362.	0.8	149
8	Petrography and geochemistry of sands from the Chachalacas and Veracruz beach areas, western Gulf of Mexico, Mexico: Constraints on provenance and tectonic setting. <i>Journal of South American Earth Sciences</i> , 2015, 64, 199-216.	0.6	134
9	Mineralogy and geochemistry of sands along the Manzanillo and El Carrizal beach areas, southern Mexico: implications for palaeoweathering, provenance and tectonic setting. <i>Geological Journal</i> , 2017, 52, 559-582.	0.6	128
10	Evaluation of two multidimensional discrimination diagrams from beach and deep-sea sediments from the Gulf of Mexico and their application to Precambrian clastic sedimentary rocks. <i>International Geology Review</i> , 2015, 57, 1446-1461.	1.1	127
11	Petrography and geochemistry of clastic sedimentary rocks as evidences for provenance of the Lower Cambrian Lalun Formation, Posht-e-badam block, Central Iran. <i>Journal of African Earth Sciences</i> , 2011, 61, 142-159.	0.9	113
12	Geochemistry of sands along the San Nicolás and San Carlos beaches, Gulf of California, Mexico: implications for provenance and tectonic setting. <i>Turkish Journal of Earth Sciences</i> , 2014, 23, 533-558.	0.4	101
13	Trace metal enrichments in core sediments in Muthupet mangroves, SE coast of India: Application of acid leachable technique. <i>Environmental Pollution</i> , 2007, 145, 245-257.	3.7	90
14	Geochemistry of Neoproterozoic limestones of the Shahabad Formation, Bhima Basin, Karnataka, southern India. <i>Geosciences Journal</i> , 2011, 15, 9-25.	0.6	90
15	Mineralogy, geochemistry, and radiocarbon ages of deep sea sediments from the Gulf of Mexico, Mexico. <i>Journal of South American Earth Sciences</i> , 2016, 71, 182-200.	0.6	89
16	Provenance discrimination between Atasta and Alvarado beach sands, western Gulf of Mexico, Mexico: Constraints from detrital zircon chemistry and ^{206}Pb geochronology. <i>Geological Journal</i> , 2018, 53, 2824-2848.	0.6	84
17	Provenance and tectonic setting of Miocene siliciclastic sediments, Sibuti formation, northwestern Borneo. <i>Arabian Journal of Geosciences</i> , 2015, 8, 8549-8565.	0.6	76
18	Detrital zircon ^{206}Pb geochronology and geochemistry of the Riachuelos and Palma Sola beach sediments, Veracruz State, Gulf of Mexico: a new insight on palaeoenvironment. <i>Journal of Palaeogeography</i> , 2020, 9, .	0.9	73

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19	Assessment of acid leachable trace metals in sediment cores from River Uppanar, Cuddalore, Southeast coast of India. <i>Environmental Pollution</i> , 2006, 143, 34-45.	3.7	70
20	TEXTURAL AND GEOCHEMICAL CHARACTERISTICS OF BEACH SANDS ALONG THE WESTERN GULF OF MEXICO, MEXICO. <i>Carpathian Journal of Earth and Environmental Sciences</i> , 2018, 13, 161-174.	0.2	68
21	Petrography and geochemistry of the siliciclastic Araba Formation (Cambrian), east Sinai, Egypt: implications for provenance, tectonic setting and source weathering. <i>Geological Magazine</i> , 2017, 154, 1-23.	0.9	65
22	Sediment chemistry and detrital zircon record in the Bosque and Paseo del Mar coastal areas from the southwestern Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2019, 110, 650-675.	1.5	65
23	Geochemistry of Upper Miocene Kudankulam Limestones, Southern India. <i>International Geology Review</i> , 2003, 45, 16-26.	1.1	63
24	Geochemistry of sandstones from the Upper Cretaceous Sillakkudi Formation, Cauvery Basin, southern India: Implication for provenance. <i>Journal of the Geological Society of India</i> , 2010, 76, 453-467.	0.5	62
25	Geochemistry of deep-sea sediments in two cores retrieved at the mouth of the Coatzacoalcos River delta, western Gulf of Mexico, Mexico. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	61
26	Carbon, oxygen, and strontium isotope geochemistry of carbonate rocks of the upper Miocene Kudankulam Formation, southern India: Implications for paleoenvironment and diagenesis. <i>Chemie Der Erde</i> , 2009, 69, 45-60.	0.8	59
27	Geochemistry of the Mural Formation (Aptian-Albian) of the Bisbee Group, Northern Sonora, Mexico. <i>Cretaceous Research</i> , 2010, 31, 400-414.	0.6	56
28	Microtexture and ^{206}Pb geochronology of detrital zircon grains in the Chachalacas beach, Veracruz State, Gulf of Mexico. <i>Geological Journal</i> , 2021, 56, 2418-2438.	0.6	54
29	Geochemistry and ^{206}Pb geochronology of detrital zircons in the Brujas beach sands, Campeche, Southwestern Gulf of Mexico, Mexico. <i>Journal of South American Earth Sciences</i> , 2017, 76, 346-361.	0.6	52
30	Heavy metal contamination and its ecological risks in the beach sediments along the Atlantic Ocean (Limbe coastal fringes, Cameroon). <i>Earth Systems and Environment</i> , 2021, 5, 433-444.	3.0	52
31	Mineralogy and geochemistry of Tecolutla and Coatzacoalcos beach sediments, SW Gulf of Mexico. <i>Applied Geochemistry</i> , 2021, 134, 105103.	1.4	49
32	Evaluation of trace-metal enrichments from the 26 December 2004 tsunami sediments along the Southeast coast of India. <i>Environmental Geology</i> , 2008, 53, 1711-1721.	1.2	46
33	Petrography and geochemistry of the Lower Miocene Moghra sandstones, Qattara Depression, north Western Desert, Egypt. <i>Geological Journal</i> , 2018, 53, 1938-1953.	0.6	45
34	Microtextures of detrital sand grains from the Tecolutla, Nautla, and Veracruz beaches, western Gulf of Mexico, Mexico: implications for depositional environment and paleoclimate. <i>Arabian Journal of Geosciences</i> , 2014, 7, 4321-4333.	0.6	43
35	Contamination of Uppanar River and coastal waters off Cuddalore, Southeast coast of India. <i>Environmental Geology</i> , 2008, 53, 1391-1404.	1.2	42
36	Petrography and stable isotope geochemistry of the cretaceous El Abra Limestones (Actopan), Mexico: Implication on diagenesis. <i>Journal of the Geological Society of India</i> , 2011, 77, 349-359.	0.5	42

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37	Geochemistry of the Upper Triassic black mudstones in the Qiangtang Basin, Tibet: Implications for paleoenvironment, provenance, and tectonic setting. <i>Journal of Asian Earth Sciences</i> , 2018, 160, 118-135.	1.0	42
38	Foraminiferal assemblages, 14C ages, and compositional variations in two sediment cores in the western Gulf of Mexico. <i>Journal of South American Earth Sciences</i> , 2018, 88, 480-496.	0.6	40
39	Environmental risk of trace elements in mangrove ecosystems: An assessment of natural vs oil and urban inputs. <i>Science of the Total Environment</i> , 2020, 730, 138643.	3.9	36
40	Geochemistry of marine sediments adjacent to the Los Tuxtlas Volcanic Complex, Gulf of Mexico: Constraints on weathering and provenance. <i>Applied Geochemistry</i> , 2022, 141, 105321.	1.4	36
41	Geochemistry of surface sediments from the northwestern Gulf of Mexico: implications for provenance and heavy metal contamination. <i>Geological Quarterly</i> , 2019, 63, .	0.1	35
42	Textural and geochemical characteristics of late Pleistocene to Holocene fine-grained deep-sea sediment cores (GM6 and GM7), recovered from southwestern Gulf of Mexico. <i>Journal of Palaeogeography</i> , 2018, 7, .	0.9	34
43	Microtextures on detrital quartz grains of upper Maastrichtian-Danian rocks of the Cauvery Basin, Southeastern India: implications for provenance and depositional environments. <i>Geosciences Journal</i> , 2006, 10, 23-34.	0.6	33
44	Multidimensional classification of magma types for altered igneous rocks and application to their tectonomagmatic discrimination and igneous provenance of siliciclastic sediments. <i>Lithos</i> , 2017, 278-281, 321-330.	0.6	30
45	Provenance of sediments from Barra del Tordo and Tesoro beaches, Tamaulipas State, northwestern Gulf of Mexico. <i>Journal of Palaeogeography</i> , 2021, 10, .	0.9	29
46	Petrological and Geochemical Constraints on Provenance, Paleoweathering, and Tectonic Setting of Clastic Sediments From the Neogene Lambir and Sibuti Formations, Northwest Borneo. , 2017, , 123-153.		28
47	Heavy metal contamination and provenance of sediments recovered at the Grijalva River delta, southern Gulf of Mexico. <i>Journal of Earth System Science</i> , 2021, 130, 1.	0.6	27
48	Application of a new computer program for tectonic discrimination of Cambrian to Holocene clastic sediments. <i>Earth Science Informatics</i> , 2016, 9, 151-165.	1.6	25
49	Statistically Coherent Calibration of X-Ray Fluorescence Spectrometry for Major Elements in Rocks and Minerals. <i>Journal of Spectroscopy</i> , 2018, 2018, 1-13.	0.6	24
50	Geochemistry of sands from the Huatabampo and Altata beaches, Gulf of California, Mexico. <i>Geological Journal</i> , 2021, 56, 2398-2417.	0.6	24
51	Control in Beach and Dune Sands of the Gulf of Mexico and the Role of Nearby Rivers. <i>International Journal of Geosciences</i> , 2013, 04, 1157-1174.	0.2	22
52	Carbon and Oxygen Isotopic Signatures in Albian-Danian Limestones of Cauvery Basin, Southeastern India. <i>Gondwana Research</i> , 2004, 7, 519-529.	3.0	21
53	Depositional and post-depositional setting of Maastrichtian limestone, Ariyalur Group, Cauvery Basin, South India: a geochemical appraisal. <i>Carbonates and Evaporites</i> , 2011, 26, 127-147.	0.4	19
54	Provenance and palaeoenvironmental significance of microtextures in quartz and zircon grains from the Paseo del Mar and Bosque beaches, Gulf of Mexico. <i>Journal of Earth System Science</i> , 2020, 129, 1.	0.6	19

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55	Sedimentary successions and onset of the Mesozoic Qiangtang rift basin (northern Tibet), Southwest China: Insights on the Paleo- and Meso-Tethys evolution. <i>Marine and Petroleum Geology</i> , 2019, 102, 657-679.	1.5	18
56	Microtextures on quartz and zircon grain surfaces in the Barra del Tordo and Tesoro beaches, northwestern Gulf of Mexico. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	17
57	Microtextures on quartz grains in the Kuakata beach, Bangladesh: implications for provenance and depositional environment. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	16
58	Petrography and geochemistry of siliciclastic rocks of the Middle Eocene Gercus Formation, northern Iraq: Implications for provenance and tectonic setting. <i>Geological Journal</i> , 2021, 56, 2528-2549.	0.6	16
59	Mineralogy and geochemistry of the Ossa lake Complex sediments, Southern Cameroon: implications for paleoweathering and provenance. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	16
60	Mineralogy and geochemistry of LobÃ© River sediments, SW Cameroon: Implications for provenance and weathering. <i>Journal of African Earth Sciences</i> , 2021, 183, 104320.	0.9	15
61	Surface textures of quartz and ilmenite grains from dune and beach sands of the Gulf of Mexico Coast, Mexico: Implications for fluvial, aeolian and marine transport. <i>Aeolian Research</i> , 2020, 45, 100611.	1.1	15
62	Mineralogy and geochemistry of the Ngaoundaba Crater Lake sediments, northern Cameroon: implications for provenance and trace metals status. <i>Acta Geochimica</i> , 2021, 40, 718-738.	0.7	14
63	Carbon and oxygen isotopic variations in stromatolitic dolomites of Palaeoproterozoic Vempalle Formation, Cuddapah Basin, India. <i>Carbonates and Evaporites</i> , 2011, 26, 181-191.	0.4	12
64	A study of carbonate beach sands from the Yucatan Peninsula, Mexico: a case study. <i>Carbonates and Evaporites</i> , 2017, 32, 1-12.	0.4	12
65	Petrography and geochemistry of beach sediments along the central coast of Cameroon: constraints on paleoweathering, provenance, and tectonic setting. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	9
66	Distributions of Trace Metals and Radionuclides Contamination in Alluvial Sediments from the LobÃ© River in Cameroon. <i>Earth Systems and Environment</i> , 2022, 6, 121-139.	3.0	8
67	Palaeoenvironment and provenance signatures inferred from quartz grain surface features: A case study from Huatabampo and Altata beaches, Gulf of California, Mexico. <i>Journal of South American Earth Sciences</i> , 2021, 111, 103441.	0.6	8
68	Composition, weathering, and provenance of beach sands adjacent to volcanic rocks in the northern Gulf of Guinea, SW Cameroon. <i>Journal of African Earth Sciences</i> , 2022, 188, 104473.	0.9	8
69	Quartz grain microtextures in the Boca del Cielo and Chocohuitl beaches in the Mexican Pacific, Chiapas state: implication on paleoenvironment. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	8
70	Mineralogy and geochemistry of the Late Triassic Baluti Formation, Northern Iraq. <i>Journal of African Earth Sciences</i> , 2021, 181, 104243.	0.9	7
71	Physical degradation and early diagenesis in foraminiferal tests after subaerial exposure in terrigenous-depleted beaches of Yucatan, Mexico. <i>Carbonates and Evaporites</i> , 2019, 34, 1175-1189.	0.4	6
72	Bioavailability of Cd and Pb in sediments of the National Park Veracruz Reef System, Gulf of Mexico. <i>Applied Geochemistry</i> , 2021, 133, 105085.	1.4	6

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73	Textural and geochemical characteristics of marine sediments in the SW Gulf of Mexico: implications for source and seasonal change. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 205.	1.3	5
74	Geochemical study of coral skeletons from the Puerto Morelos Reef, southeastern Mexico. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 151, 78-87.	0.9	4
75	Characterization and potential application of gleysols and ferralsols for ceramic industry: a case study from Dimako (Eastern Cameroon). <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	3
76	Geochemistry of siliciclastic rocks from the Shemshak Group (Upper Triassic–Middle Jurassic), northeastern Alborz, northern Iran: implications for palaeoweathering, provenance, and tectonic setting. <i>Geological Quarterly</i> , 2018, 62, .	0.1	3
77	Reply to the comments by <scp>Ramírez-Fernández et al.</scp> (<scp>DOI</scp>: 10.1002/gj.4266) on paper “Microtexture and U–Pb geochronology of detrital zircon grains in the Chachalacas beach, Veracruz State, Gulf of Mexico” by <scp>Armstrong-Altrin et al. (2021). <i>Geological Journal</i> , 2022, 57, 1346-1348.	0.6	0
78	Geochemical and stable isotope ($\delta^{13}\text{C}$ & $\delta^{18}\text{O}$) signatures of Calcrete in and around Pandalgudi, Southern Tamilnadu, India and its implications on Palaeoclimate. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	0